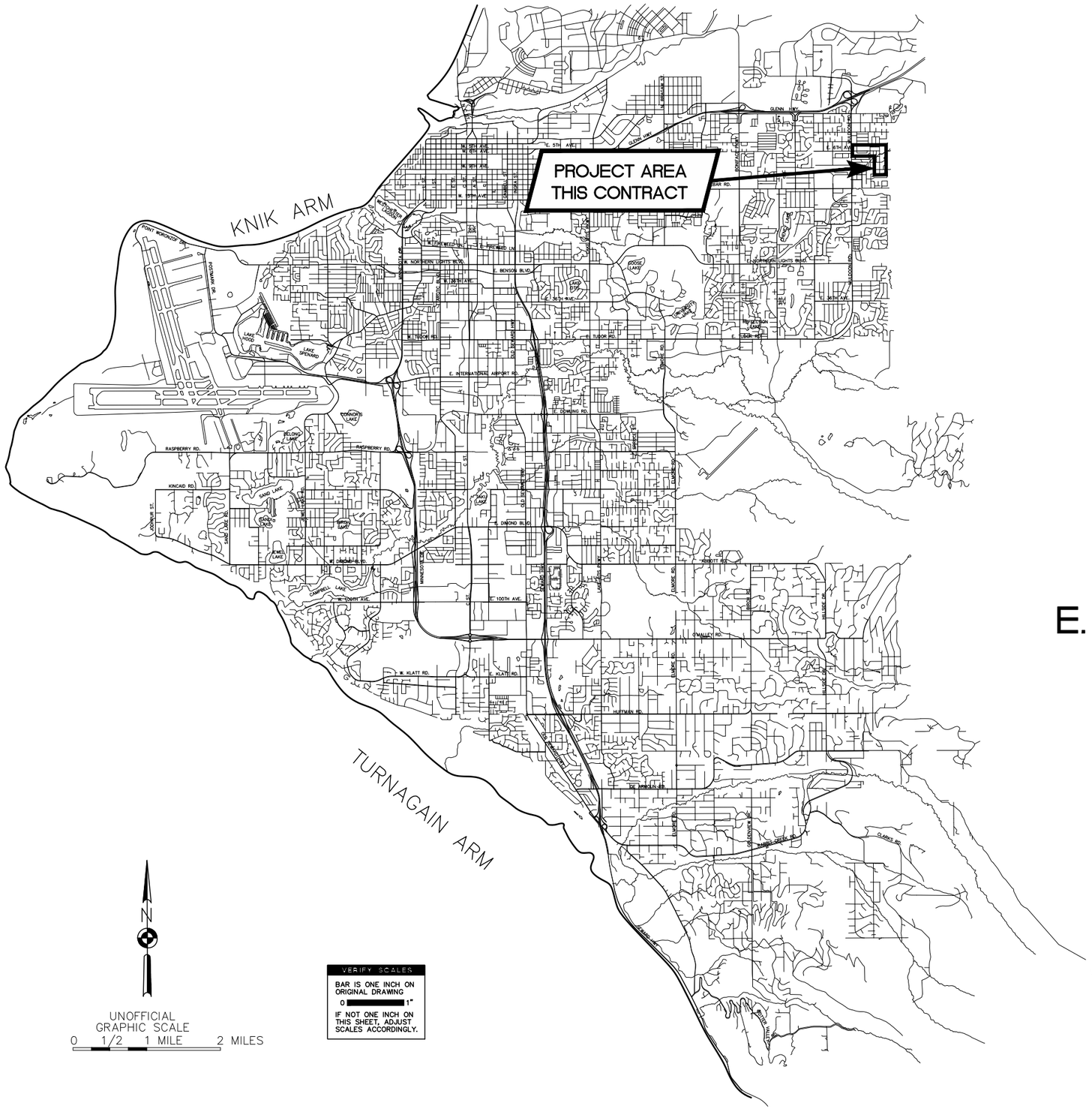
H:\jobs\20-008 2020 Traffic Term Contract (MOA)\06-Cherry Street Traffic Calming Improvements\CAD\drawings\20008_06_01_Cover.dwg, 1:2, 1/29/21 at 08:44 by WPENCE



VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

MUNICIPALITY OF ANCHORAGE
TRAFFIC ENGINEERING DEPARTMENT

E. 6TH AVENUE AND CHERRY STREET
TRAFFIC CALMING
PROJECT 20-31

95% REVIEW
JANUARY, 2021

APPROVED BY:

KENT KOHLHASE, P.E., MUNICIPAL ENGINEER

FILE NO.-

LEGEND

PLAN

EXISTING	PROPOSED	
		RIGHT–OF–WAY
		PROPERTY LINE
		EASEMENT LINE
		ROADWAY CENTERLINE
E		UNDERGROUND ELECTRIC LINE
G		UNDERGROUND GAS LINE
S		UNDERGROUND SANITARY SEWER LINE
SD	SD	UNDERGROUND STORM DRAIN OR SUBDRAIN LINE
T		UNDERGROUND TELEPHONE LINE
W		UNDERGROUND WATER LINE
		TEMPORARY CONSTRUCTION EASEMENT
		WOOD FENCE
		CHAINLINK FENCE
		LUMINAIRE
		ELECTRIC JUNCTION BOX
L		LIGHTING JUNCTION BOX
		ELECTRIC LOAD CENTER
TC		TELECOMMUNICATIONS CABINET
		TELECOMMUNICATIONS VAULT
		WATER KEYBOX/VALVE
		STORM DRAIN MANHOLE
		STORM DRAIN CATCH BASIN MANHOLE
		STORM DRAIN CATCH BASIN
		STORM DRAIN FIELD INLET
		SANITARY SEWER MANHOLE
		DECIDUOUS TREE
		BUSH
		EDGE OF TREES
M.B.	M.B.	MAILBOX
		TRAFFIC SIGN
		ORNAMENTAL ROCK
		BUILDING
		SAWCUT LINE / LIMITS OF PAVEMENT REMOVAL
		CURB AND GUTTER
		DETECTABLE WARNING
		CONCRETE
		COLORED CONCRETE
		ASPHALT PAVEMENT
		REMOVE CURB & GUTTER
		REMOVE CONCRETE SIDEWALK
		REMOVE EXISTING PAVEMENT
		REMOVE STORM DRAIN PIPE

DRAWING INDEX

ABBREVIATIONS

A/B	DETAIL AND SHEET NUMBER FOR DETAIL
AC	ASPHALT CONCRETE
ADDN	ADDITION
APPX	APPROXIMATE
ALCAP	ALUMINUM CAP
BLK	BLOCK
BM	BENCH MARK
B.O.P.	BEGINNING OF PROJECT
℄	CENTERLINE/CLEAR
CB	CATCH BASIN
CBMH	CATCH BASIN MANHOLE
CPEP	CORRUGATED POLYETHYLENE PIPE
DIA	DIAMETER
DTL	DETAIL
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRIC
ESMT	EASEMENT
E.O.P.	END OF PROJECT
F&I	FURNISH AND INSTALL
FT	FEET
GAAB	GREATER ANCHORAGE AREA BOROUGH
I.A.W.	IN ACCORDANCE WITH
IBC	INTERNATIONAL BUILDING CODE
IN	INCH
INV	INVERT
LOC	LIP OF CURB
LT	LEFT
M.A.S.S.	MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS, STREETS–DRAINAGE–UTILITIES–PARKS, 2015 AS CURRENTLY AMENDED
MAX	MAXIMUM
ME	MATCH EXISTING
MEA	MEASURED
MH	MANHOLE
MIN	MINIMUM
MMA	METHYLEMETHACRYLATE
MOA	MUNICIPALITY OF ANCHORAGE
MON	MONUMENT
NGS	NATIONAL GEODETIC SURVEY
NTS	NOT TO SCALE
OCEW	ON CENTER, EACH WAY
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PC	POINT OF CURVATURE
P.C.C.	PORTLAND CEMENT CONCRETE
REC	RECORDED
REQ'D	REQUIRED
ROW	RIGHT OF WAY
RT	RIGHT
SCHED	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
STA	STATION
STD DTL	STANDARD DETAIL FOUND IN DIVISION 90, M.A.S.S. 2015
SUBD	SUBDIVISION
TBC	TOP BACK OF CURB
TELE	TELEPHONE
TYP	TYPICAL
W	WEST
(30')	DIMENSION FROM RECORD DRAWINGS

GENERAL NOTES

1. CONTRACTOR SHALL COMPLETE CONSTRUCTION I.A.W. THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS, DATED 2015 HEREAFTER REFERRED TO AS M.A.S.S.
2. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. THE PERMITS SHALL BE MAINTAINED AT THE JOB SITE.
3. I.A.W. ACCEPTED CONSTRUCTION PRACTICES AND M.A.S.S. GENERAL PROVISIONS, THE CONTRACTOR SHALL HAVE SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS, SUBCONTRACTORS, SUPPLIERS, PROPERTY, AND TRAFFIC SAFETY. THE CONTRACTOR SHALL ALSO HAVE SOLE AND COMPLETE RESPONSIBILITY OF STORM WATER MANAGEMENT. THESE REQUIREMENTS SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
4. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, STATE AND FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONS (OSHA), AND ALL OTHER FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS PERTAINING TO THIS PROJECT. ANY WORK PERFORMED BY THE CONTRACTOR CONTRARY TO SUCH LAWS OR REGULATIONS SHALL BE AT THE CONTRACTOR'S SOLE RISK AND EXPENSE.
5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LAYOUT PRIOR TO PROCEEDING WITH THE WORK. ANY DISCREPANCY IN THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
6. CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT (ROADS, PARKING AREAS, DRIVEWAYS, ETC.,) TO A LINE 2 FEET BEYOND THE PROPOSED IMPROVEMENTS, AND MORE IF NECESSARY, DURING THE INITIAL EXCAVATION OPERATIONS. IF EXISTING PAVEMENT HAS BEEN LIFTED, IF EDGE DOES NOT OCCUR IN UNDISTURBED MATERIAL, OR IF EDGE IS LOCATED WITHIN A TRAVEL LANE, FURTHER REMOVAL MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, TO PROVIDE A PROPER TRANSITION BETWEEN NEW AND EXISTING PAVEMENT. SAWCUTTING OF EXISTING PAVEMENT IS INCIDENTAL TO THE BID ITEM "REMOVE EXISTING PAVEMENT", AND NO SEPARATE PAYMENT SHALL BE MADE.
7. CONTRACTOR SHALL SAWCUT PAVEMENT TRANSVERSE JOINTS SKEWED AT AN ANGLE OF TWENTY DEGREES, OR AS SHOWN IN THE PLANS.
8. CONTRACTOR SHALL SAWCUT CURB & GUTTER AND SIDEWALK AT THE NEAREST JOINT AT OR BEYOND REMOVAL LIMITS OR AS DIRECTED BY THE ENGINEER. SAWCUTTING IS INCIDENTAL TO THE RESPECTIVE BID ITEM.
9. CONTRACTOR SHALL APPLY TACK COAT TO THE SAW CUT ASPHALT OR CURB FACE PRIOR TO PAVING. APPLICATION OF TACK COAT TO THE SAWCUT OR CURB FACE IS INCIDENTAL TO THE RESPECTIVE BID ITEM.
10. CONTRACTOR SHALL REMOVE ORGANIC MATERIAL FROM THE SUBGRADE TO A DEPTH TO BE DETERMINED BY THE ENGINEER. CONTRACTOR SHALL NOT PLACE OR SHALL NOT OTHERWISE UTILIZE ORGANIC MATERIAL OR OTHER DELETERIOUS MATERIAL FOR BACKFILL, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
11. WORK AND MATERIALS REQUIRED FOR REMOVING LITTER OR DEBRIS THAT EXISTS WITHIN THE PROJECT LIMITS IS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.
12. CONTRACTOR SHALL MAINTAIN "REDLINE" RECORD DRAWINGS ON A CLEAN SET OF CONSTRUCTION DRAWINGS IN ACCORDANCE WITH M.A.S.S. DIVISION 65.00 CONSTRUCTION SPECIFICATIONS FOR MUNICIPAL CONSTRUCTION SURVEYS. THE CONTRACTOR SHALL MAINTAIN THE "REDLINES" CURRENT ON A DAILY BASIS WHICH SHALL BE AVAILABLE TO THE ENGINEER FOR INSPECTION ON THE JOB SITE.
13. CONTRACTOR SHALL RECORD SURVEY NOTES FOR SUBMITTAL WITH RECORD DRAWINGS, INCLUDING HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD. CONTRACTOR SHALL RECORD ALL DEVIATIONS FROM THE PLANS AND SUBMIT DAILY SURVEY NOTES TO THE ENGINEER.
14. CONSTRUCTION OPERATIONS REQUIRED FOR THIS PROJECT SHALL REMAIN WITHIN EXISTING MOA RIGHTS–OF–WAY AND EASEMENTS, UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER AND THE AFFECTED PROPERTY OWNER.
15. LOCATIONS DEPICTED FOR THE UTILITIES AND OTHER EXISTING FEATURES ARE APPROXIMATE. SOME UTILITIES HAVE BEEN LOCATED FROM RECORD DRAWINGS AND UTILITY COMPANY LOCATES. CONTRACTOR SHALL LOCATE AND VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION.
16. CONTRACTOR SHALL COORDINATE WORK ACCORDINGLY. ALL WORK IN CLOSE PROXIMITY TO EXISTING UTILITY LINES SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL STATUTES, CODES AND GUIDELINES, AND THE ELECTRICAL FACILITY CLEARANCE REQUIREMENTS OF THE GOVERNING UTILITY. CONTRACTOR SHALL HAND DIG WITHIN TWO FEET OF BURIED ELECTRICAL CABLE.
17. CONTRACTOR SHALL REPLACE ALL DISTURBED PROPERTY CORNERS I.A.W. M.A.S.S. SECTION 10.04 SCOPE OF WORK, ARTICLE 4.8 WORK INCIDENTAL TO THE CONTRACTOR. PAYMENT FOR REPLACING DISTURBED PROPERTY CORNERS IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
18. CONTRACTOR SHALL RESTORE DISTURBED PROPERTY TO PRE–CONSTRUCTION CONDITION(S), UNLESS OTHERWISE DIRECTED BY THE ENGINEER. RESTORING DISTURBED PROPERTY IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
19. CONTRACTOR SHALL MAINTAIN STOP SIGNS AND STREET SIGNS OPERATIONAL IN THE PROJECT AREA DURING CONSTRUCTION.
20. CONTRACTOR SHALL TOPSOIL AND SEED ALL AREAS DISTURBED AND NOT OTHERWISE IMPROVED, AS DIRECTED BY THE ENGINEER.
21. CONTRACTOR SHALL ADJUST WATER VALVES I.A.W. M.A.S.S. STD DTL 60–08 PAYMENT FOR WATER VALVE ADJUSTMENT IS PURSUANT TO M.A.S.S. SECTION 60.03 FURNISH AND INSTALL VALVES, "REMOVE AND REPLACE VALVE BOX TOP SECTION".
22. MOA TRAFFIC DEPARTMENT TO BE ONSITE FOR RADAR SPEED SIGN INSTALLATIONS. CONTACT MOA TRAFFIC DEPARTMENT (907–343–8053 OR 907–343–8421) 7 WORKING DAYS PRIOR TO RADAR SPEED SIGN INSTALLATIONS. PROVIDE MOA TRAFFIC DEPARTMENT 24 HOUR NOTICE PRIOR TO ACTUAL INSTALLATIONS.

STORM DRAIN NOTES

1. PLACE STORM DRAIN PIPE JOINTS AT LEAST 9 FT FROM WATER LINE CROSSING.
2. CONNECTING TO EXISTING STORM DRAIN PIPE IS PAID PURSUANT TO SPECIAL PROVISIONS 55.27.

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL NOTIFY AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:

LOCATE CALL CENTER OF ALASKA 811
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

STATE STORM/STREET LIGHTS 333–2411

MILITARY PETROLEUM LINES 862–4112

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	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

CONSTRUCTION RECORD

GRAPHIC 1 0 1 2 3 SCALE

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

HDL ENGINEERING Consultants LLC
• CIVIL ENGINEERING
• SURVEYING
• GEOTECHNICAL
• ENVIRONMENTAL
3335 Arctic Blvd., Suite 100
Anchorage, AK 99503
(907) 564-2120
www.HDLalaska.com
AECL861

CONSULTANT

SEAL

MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT

20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: A,B

LEGEND, INDEX, GENERAL NOTES AND ABBREVIATIONS

SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 2 of 28

FILE NO.–

0 60 120
SCALE IN FEET

NOTES

1. THE FIELD SURVEY WAS PERFORMED BY HDL ENGINEERING CONSULTANTS, LLC FROM JUNE 29 TO JULY 20, 2020. FIELD SURVEY INFORMATION FOR THIS PROJECT IS LOCATED IN M.O.A. TRAFFIC TERM FIELD BOOK NO. 01 PAGES 23 THROUGH 32, 35 THROUGH 75 AND M.O.A. TRAFFIC TERM FIELD BOOK NO. 02 PAGES 1 THROUGH 3 AND PAGES 23–24.
2. THIS PROJECT IS LOCATED ENTIRELY WITHIN THE ANCHORAGE BOWL 2000 ADJUSTMENT, A LOCAL SURFACE GRID COORDINATE SYSTEM, EXPRESSED IN U.S. SURVEY FEET, DEVELOPED BY THE ALASKA DEPARTMENT OF TRANSPORTATION.
3. 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).
4. 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)
5. TO CONVERT THE LOCAL BOWL 2000 COORDINATES TO NAD 83 (92) ALASKA STATE PLANE, ZONE 4 COORDINATES, EXPRESSED IN U.S. SURVEY FEET; TRANSLATE USING +2,296,868.6878' N., +1,312,517.4904' E., AND SCALE USING 0.9998910192.
6. THE BASIS OF COORDINATES FOR THIS PROJECT IS POINT NUMBER 702, A FOUND 2" ALUMINUM CAP AT THE INTERSECTION OF EAST 6TH AVENUE AND VALLEY STREET. COORDINTES POINT 702 ARE 340234.9888 N., 376390.4750 E. AND ORIGINATE FROM THE AKDOT&PF RIGHT OF WAY MAP, HSIP: 6TH AVENUE AT MULDOON ROAD SAFETY IMPROVEMENTS, PLAT No. 2013–28.
7. ELEVATIONS ARE BASED ON THE M.O.A. VERTICAL DATUM, 1972 N.G.S. ADJUSTMENT, FROM BENCHMARKS, "GAAB–005", ELEV= 252.65' AND "GAAB–004", ELEV=254.31'. BENCHMARK GAAB–005, WAS HELD FIXED WITH AN ELEVATION OF 252.65'. SEE MOA WEBSITE "SURVEY BENCHMARKS" FOR FURTHER INFORMATION.
8. A TITLE SEARCH WAS NOT PERFORMED, EASEMENTS OF RECORD OTHER THAN THOSE SHOWN ON THE RECORDED PLATS ARE NOT SHOWN HEREON, UNLESS OTHERWISE NOTED.
9. 6TH AVENUE ALIGNMENT IS THE CONSTRUCTION CENTERLINE AND IS APPROXIMATELY 1 FOOT NORTH OF THE RIGHT–OF–WAY CENTERLINE.
10. VERIFY HORIZONTAL AND VERTICAL CONTROL PRIOR TO USE AND ON A SEASONAL BASIS.

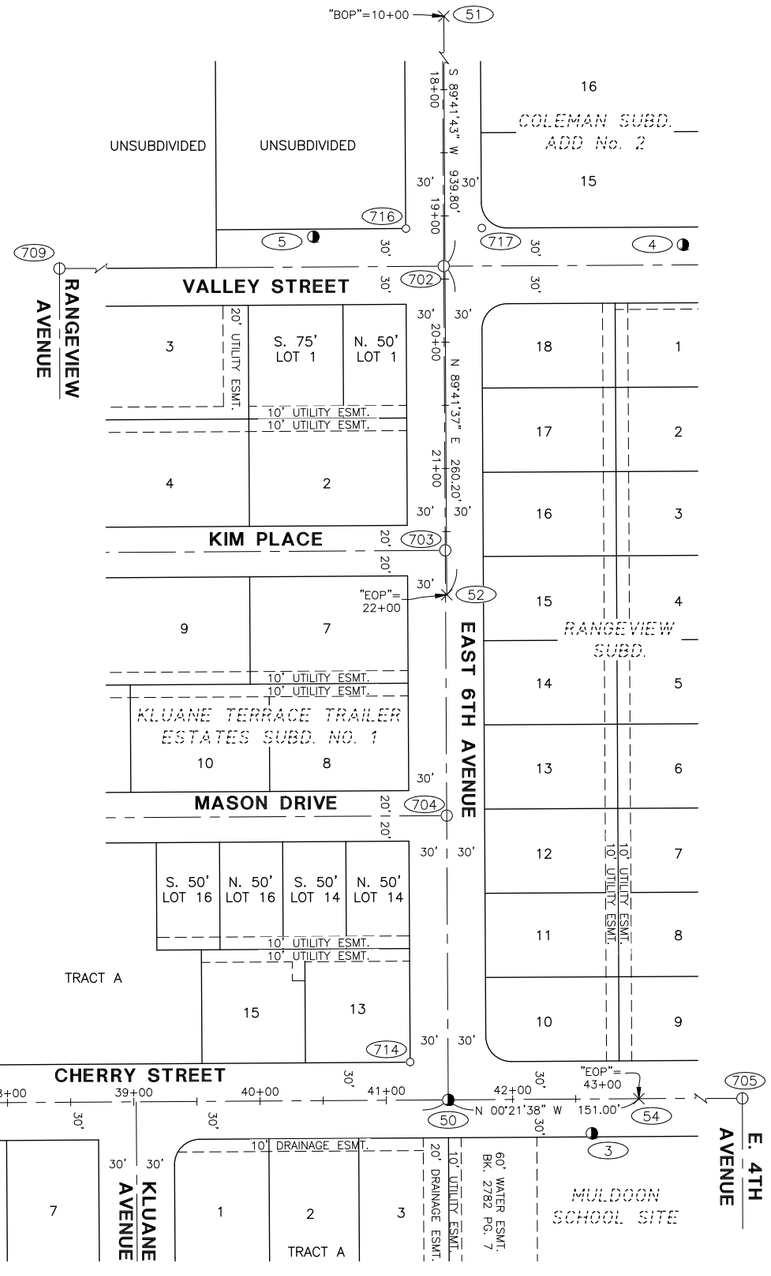
LEGEND

- ⊕ FOUND ALUMINUM CAP
- ◎ FOUND IRON PIPE
- ○ FOUND REBAR
- ◑ SET REBAR WITH ALUMINUM CAP
- × "BOP/EOP" NOTHING SET
- (XXX) SURVEY CONTROL POINT NUMBER

TYPICAL CAP

COORDINATE SCHEDULE CHERRY					
POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
53	30+00.00	0.00 RT	339089.54	377057.84	BOP
1	32+11.64	24.41 RT	339301.33	377080.93	SET 2" ALCAP
712	33+19.64	29.47 RT	339409.36	377085.31	FOUND 2" ALCAP
711	33+20.01	29.99 LT	339409.36	377025.85	FOUND 1/2" REBAR
708	33+49.86	0.00 RT	339439.39	377055.65	FOUND 2" ALCAP
713	33+79.93	30.37 LT	339469.27	377025.10	FOUND IRON PIPE
2	36+59.50	21.69 LT	339748.89	377032.03	SET 2" ALCAP
715	36+79.95	30.23 LT	339769.29	377023.36	FOUND 5/8" REBAR
714	41+19.09	30.15 LT	340208.42	377020.70	FOUND 5/8" REBAR
50	41+49.00	0.00 RT	340238.52	377050.66	SET 2" ALCAP
3	42+62.53	27.18 RT	340352.22	377077.13	SET 2" ALCAP
54	43+00.00	0.00 RT	340389.51	377049.71	EOP
705	N / A	N / A	341078.08	377045.38	FOUND 2" ALCAP

COORDINATE SCHEDULE 6TH					
POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
51	10+00.00	0.00 RT	340230.99	375450.68	BOP
717	19+09.79	29.37 LT	340265.20	376360.30	FOUND 5/8" REBAR
716	19+09.95	30.75 RT	340205.08	376360.78	FOUND 1/2" REBAR
5	19+15.95	104.24 RT	340131.62	376367.17	SET 2" ALCAP
4	19+23.81	188.40 LT	340424.30	376373.47	SET 2" ALCAP
702	19+39.80	1.00 RT	340234.99	376390.48	FOUND 2" ALCAP
709	19+40.82	800.84 RT	339435.17	376395.77	FOUND 2" ALCAP
703	21+64.87	0.97 RT	340236.22	376615.54	FOUND 2" ALCAP
52	22+00.00	0.00 RT	340237.38	376650.66	EOP



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TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—
PLAN CHECK		

FIELD BOOKS	
DESIGN SEE NOTE #1	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	
CONSTRUCTION RECORD	

BM NO.	LOCATION	ELEV.
GAAB 005	NORTH FACE OF JJ'S LOUNGE	252.65'
GAAB 004	NORTH FACE OF 10th & M SEAFOOD BUILDING	254.31'
BASIS OF THIS DATUM		
M.O.A. 1972 N.G.S. ADJUSTMENT		
VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

HDL ENGINEERING Consultants LLC
• CIVIL ENGINEERING
• SURVEYING
• GEOTECHNICAL
• ENVIRONMENTAL
3335 Arctic Blvd., Suite 100
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(907) 564-2120
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AECL861
CONSULTANT

95% REVIEW
SEAL

MUNICIPALITY OF ANCHORAGE

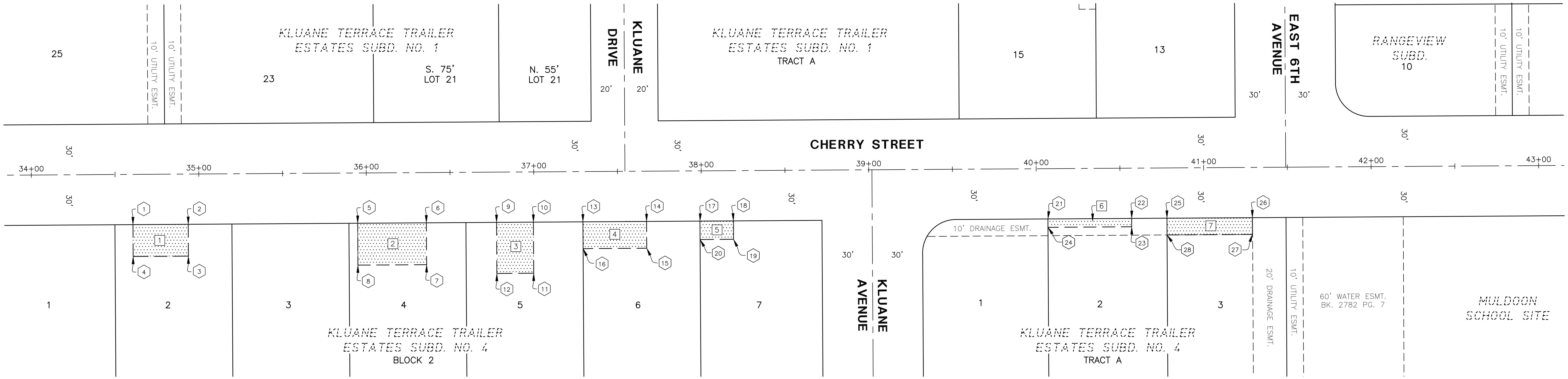
TRAFFIC ENGINEERING DEPARTMENT

20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: A,B

SURVEY CONTROL

SCALE HOR. 1"=60' VER. N/A | GRID SW1341 | DATE JAN, 2021 | STATUS | SHEET 3 of 28

FILE NO.–



PARCEL INFORMATION					
PARCEL	LEGAL DESCRIPTION	OWNER	INTEREST TO BE ACQUIRED	AREA (SF)	RECORDED DOCUMENT NUMBER
1	LOT 2, BLOCK 2, KLUANE TERRACE TRAILER ESTATES SUBD. No. 4	PATRICK J. & ROSALEE G. O'CONNOR	TCP	627	N/A
2	LOT 4, BLOCK 2, KLUANE TERRACE TRAILER ESTATES SUBD. No. 4	VANG LUE & THAO JA	TCP	1,025	N/A
3	LOT 5, BLOCK 2, KLUANE TERRACE TRAILER ESTATES SUBD. No. 4	MARISSA R. BRENNAN	TCP	671	N/A
4	LOT 6, BLOCK 2, KLUANE TERRACE TRAILER ESTATES SUBD. No. 4	DIEGO LOREDO	TCP	608	N/A
5	LOT 7, BLOCK 2, KLUANE TERRACE TRAILER ESTATES SUBD. No. 4	MAU ALAELUA	TCP	220	N/A
6	LOT 2, TRACT A, KLUANE TERRACE TRAILER ESTATES SUBD. No. 4	AYLA L. ROGERS	TCP	250	N/A
7	LOT 3, TRACT A, KLUANE TERRACE TRAILER ESTATES SUBD. No. 4	TY L. MITCHELL	TCP	510	N/A

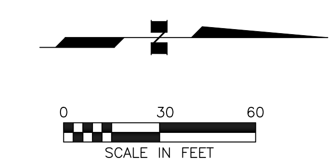
PARCEL SCHEDULE			
POINT	STATION	OFFSET	DESCRIPTION
1	34+60.52	30.00 RT	PARCEL 1
4	34+60.52	49.00 RT	PARCEL 1
2	34+93.52	30.00 RT	PARCEL 1
3	34+93.52	49.00 RT	PARCEL 1
5	35+94.70	30.00 RT	PARCEL 2
8	35+94.70	55.00 RT	PARCEL 2
6	36+35.70	30.00 RT	PARCEL 2
7	36+35.70	55.00 RT	PARCEL 2
9	36+77.61	30.00 RT	PARCEL 3
12	36+77.61	60.50 RT	PARCEL 3
10	36+99.61	30.00 RT	PARCEL 3
11	36+99.61	60.50 RT	PARCEL 3
13	37+29.19	30.00 RT	PARCEL 4
16	37+29.19	46.00 RT	PARCEL 4

PARCEL SCHEDULE			
POINT	STATION	OFFSET	DESCRIPTION
14	37+67.19	30.00 RT	PARCEL 4
15	37+67.19	46.00 RT	PARCEL 4
17	37+99.06	30.00 RT	PARCEL 5
20	37+99.06	41.00 RT	PARCEL 5
18	38+19.06	30.00 RT	PARCEL 5
19	38+19.06	41.00 RT	PARCEL 5
24	40+06.83	35.00 RT	PARCEL 6
21	40+06.84	30.00 RT	PARCEL 6
23	40+56.83	35.00 RT	PARCEL 6
22	40+56.84	30.00 RT	PARCEL 6
28	40+77.91	40.00 RT	PARCEL 7
25	40+77.92	30.00 RT	PARCEL 7
27	41+28.91	40.00 RT	PARCEL 7
26	41+28.92	30.00 RT	PARCEL 7

LEGEND

- (##) TCP POINT NUMBER
- [#] TCP PARCEL NUMBER
- TEMPORARY CONSTRUCTION PERMIT
- PROPERTY LINE
- EXISTING EASEMENT LINE

EASEMENTS OF RECORD OTHER THAN THOSE SHOWN ON THE RECORDED PLATS ARE NOT SHOWN HEREON, UNLESS OTHERWISE NOTED.



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: ____

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—
PLAN CHECK		

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	
CONSTRUCTION RECORD	

BM NO.	LOCATION	ELEV.
GAAB 005	NORTH FACE OF JJ'S LOUNGE	252.65'
GAAB 004	NORTH FACE OF 10th & M SEAFOOD BUILDING	254.31'
BASIS OF THIS DATUM		
M.O.A. 1972 N.G.S. ADJUSTMENT		
VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
		REVISIONS	

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MUNICIPALITY OF ANCHORAGE

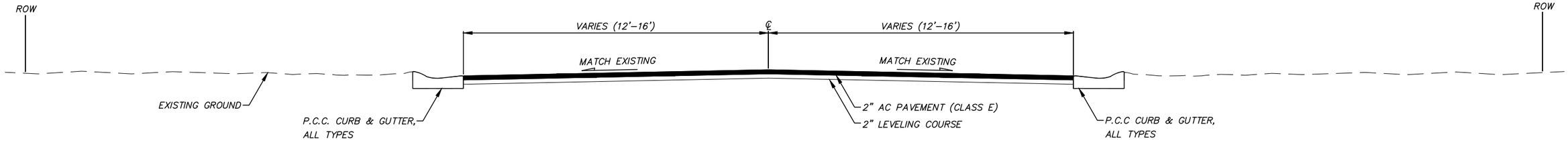
TRAFFIC ENGINEERING DEPARTMENT

20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

PERMIT INDEX MAP

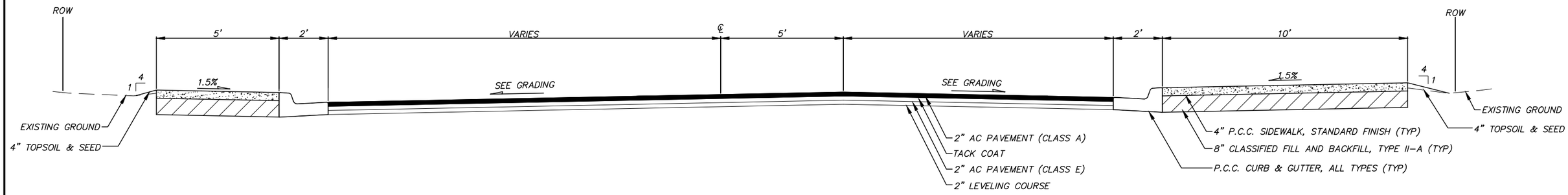
SCALE HOR. 1"=30' VER. N/A | GRID SW1341 | DATE JAN, 2021 | STATUS | SHEET 4 of 28

FILE NO.–



2/5 SIDESTREET ROADWAY SECTION

SCHED A & B, NTS



1/5 6TH AVENUE ROADWAY SECTION

SCHED A, NTS

STA 18+56 TO 19+95

STA 12+18 TO 12+33

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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   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC SCALE 1 0 1 2 3

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: A,B

TYPICAL SECTIONS

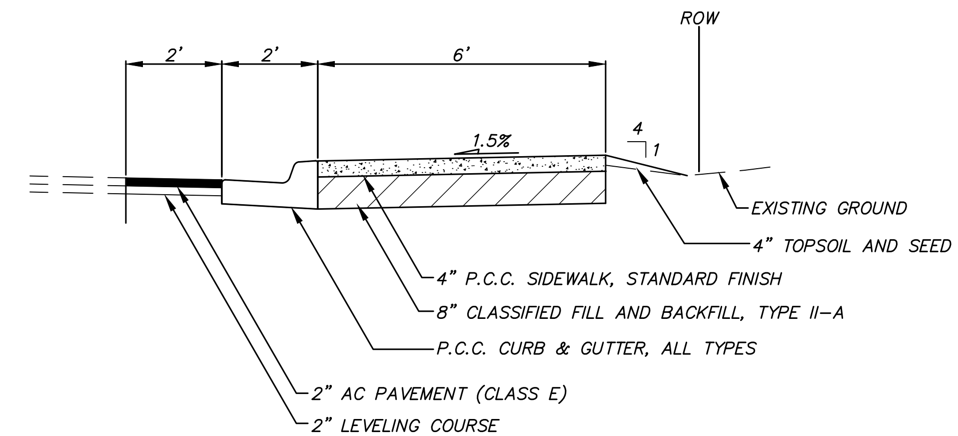
SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 5 of 28

FILE NO.–

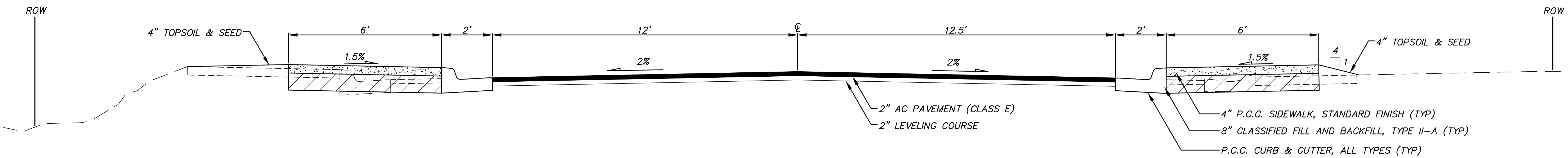
H:\Jobs\16-005 2016 MOA Traffic Term Contract (MOA)\33-88th Ave & Blackberry St Intersection Improvements\02-Design\DRAWINGS\16005_33_04-Typical, 1=1, 02-07-19 at 06:51 by SRS
LAYOUT: Model
VIEW: SHT04_H_PDF, SHT04_H_X7700
XREF: 16005_33_BD01

NOTES

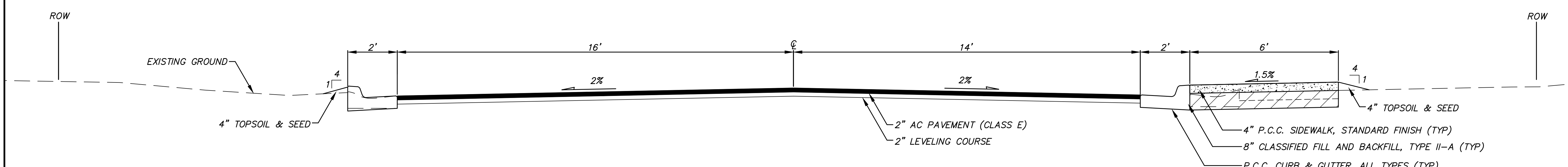
1. SIDEWALK THICKNESS AT ALL DRIVEWAY CURB CUTS SHALL BE 6-INCHES THICK, INCLUDING SIDEWALK TRANSITIONS.



3/6 CHERRY STREET ROADWAY SECTION
SCHED B, NTS
STA 41+09 TO 42+51



2/6 CHERRY STREET ROADWAY SECTION
SCHED B, NTS
STA 38+56 TO 41+09



1/6 CHERRY STREET ROADWAY SECTION
SCHED B, NTS
STA 33+66 TO 38+56

H:\jobs\16-005 2016 MOA Traffic Term Contract (MOA)\33-88th Ave & Blackberry St Intersection Improvements\02-Design\DRAWINGS\16005_33_04-Typical, 1=1, 02-07-19 at 06:51 by SRS
LAYOUT: Model
VIEW: SHT04_H_PDF, SHT04_H_X7700
XREF: 16005_33_BD01

RECORD DRAWING

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   COMPANY: ______ DATE: ______
   BY: ______

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BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—
PLAN CHECK		

GRAPHIC SCALE 1 0 1 2 3

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	
CONSTRUCTION RECORD	

TBM NO.	LOCATION	ELEV.
BASIS OF THIS DATUM		
VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

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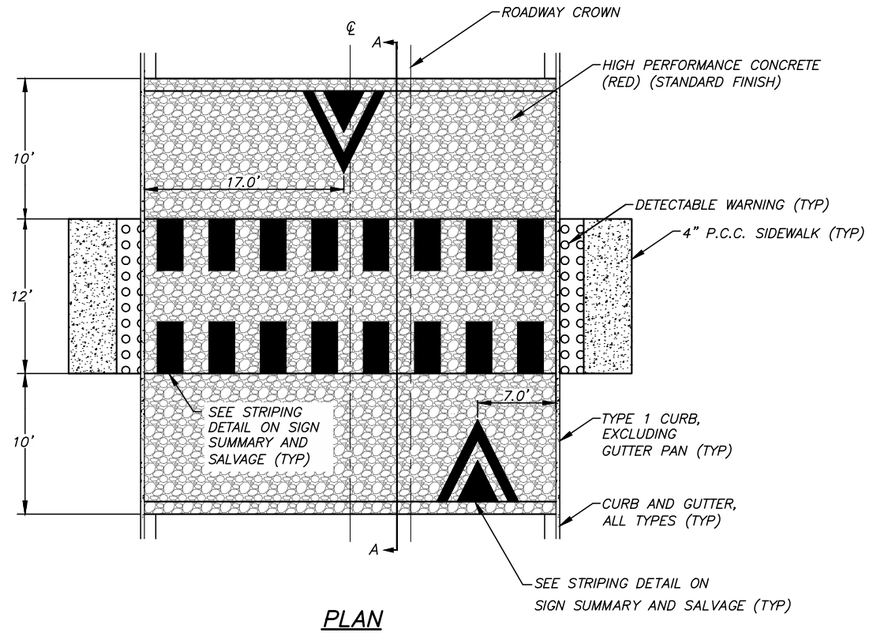
20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

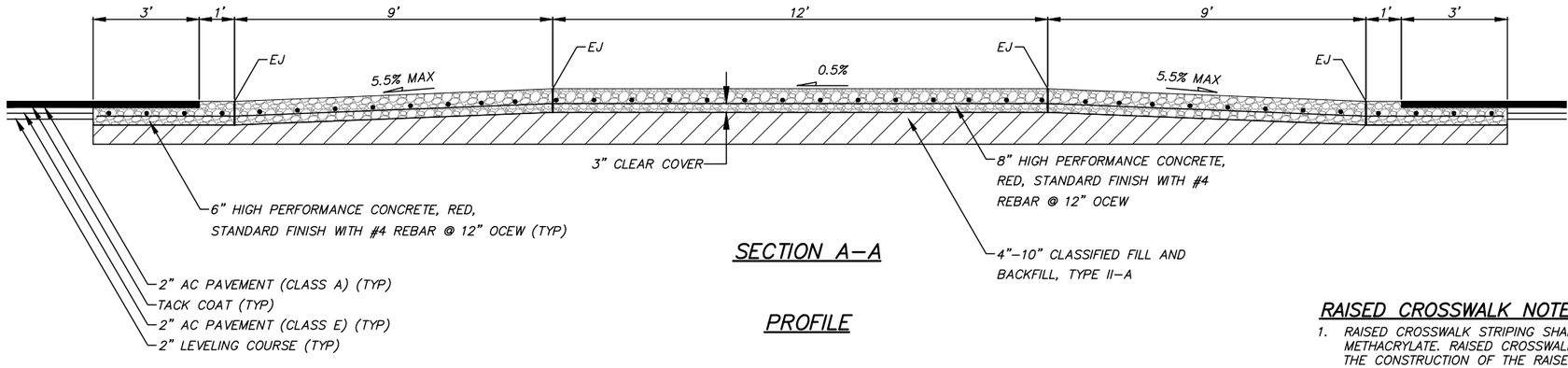
TYPICAL SECTIONS

SCALE HOR. NTS VER. NTS	GRID SW1241, SW1341		SHEET 6 of 28
	DATE JAN, 2021	STATUS	

FILE NO.-



PLAN



SECTION A–A

PROFILE

1/7 **RAISED CROSSWALK**
SCHEDULE A, NTS

RAISED CROSSWALK NOTES:

1. RAISED CROSSWALK STRIPING SHALL BE 90 MIL INLAID METHYL METHACRYLATE. RAISED CROSSWALK SYMBOLS SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE RAISED CROSSWALK AND NO ADDITIONAL PAYMENT SHALL BE MADE.
2. PLACE ARROW SYMBOLS IN CENTER OF LANE. VERIFY WITH THE ENGINEER PRIOR TO PLACEMENT.

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

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

CONSTRUCTION RECORD

GRAPHIC SCALE 1 0 1 2 3

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

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20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: A

DETAILS

SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 7 of 28

FILE NO.–

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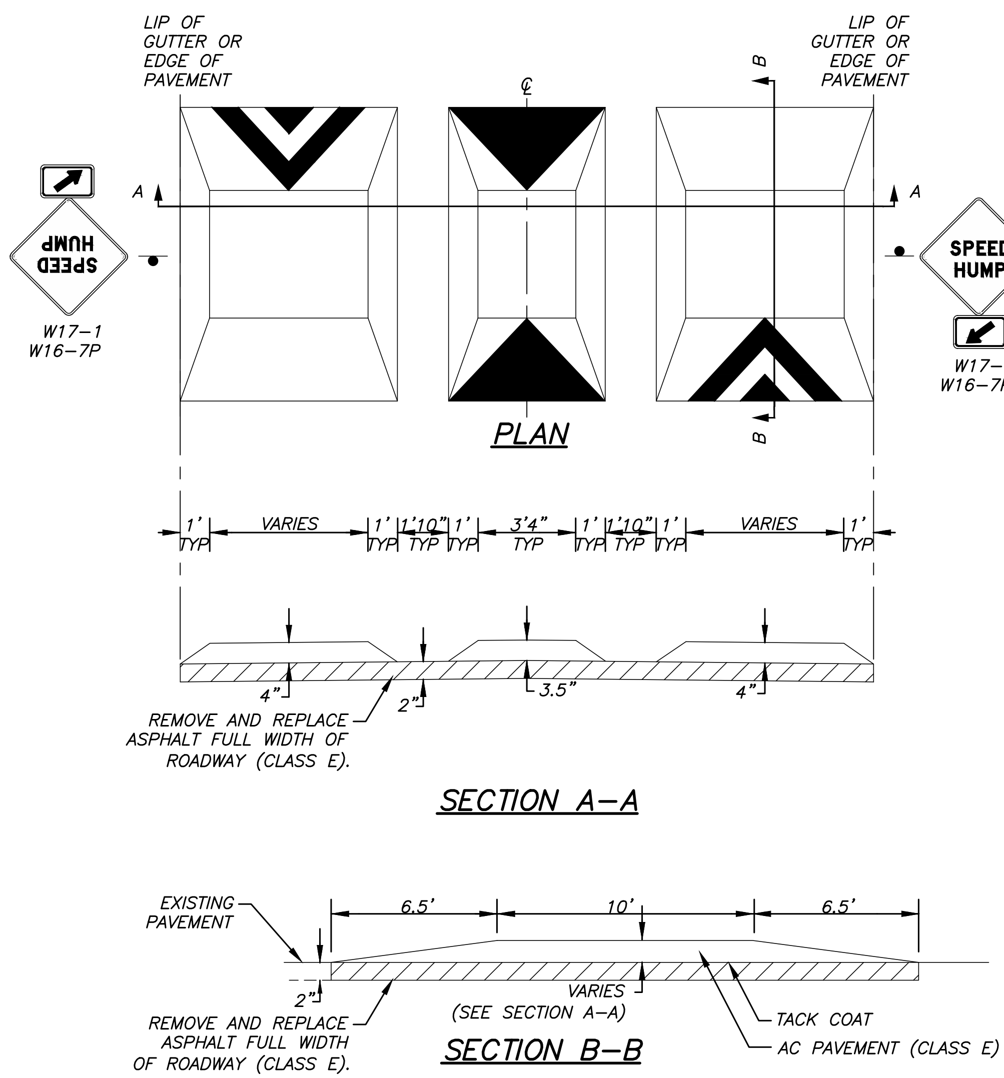
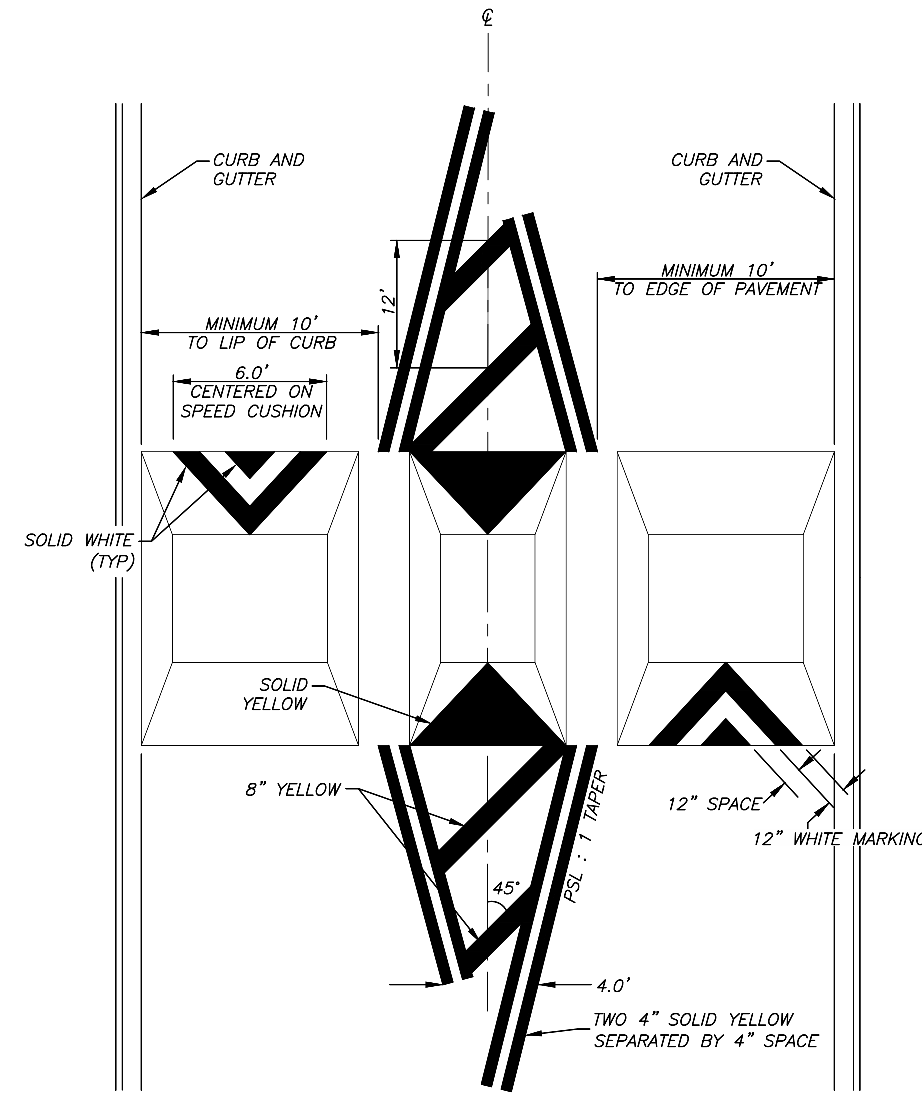
XREF: XXXXX_XX_BD01



ASPHALT SPEED CUSHION NOTES:

1. CONSTRUCT SPEED CUSHIONS AS SHOWN IN SECTION AA TO ENSURE THAT DRAINAGE IS NOT OBSTRUCTED ALONG THE EDGE OF THE ROADWAY.
2. ASPHALT THICKNESS SHALL BE WITHIN PLUS OR MINUS 0.25" OF THICKNESS SHOWN.

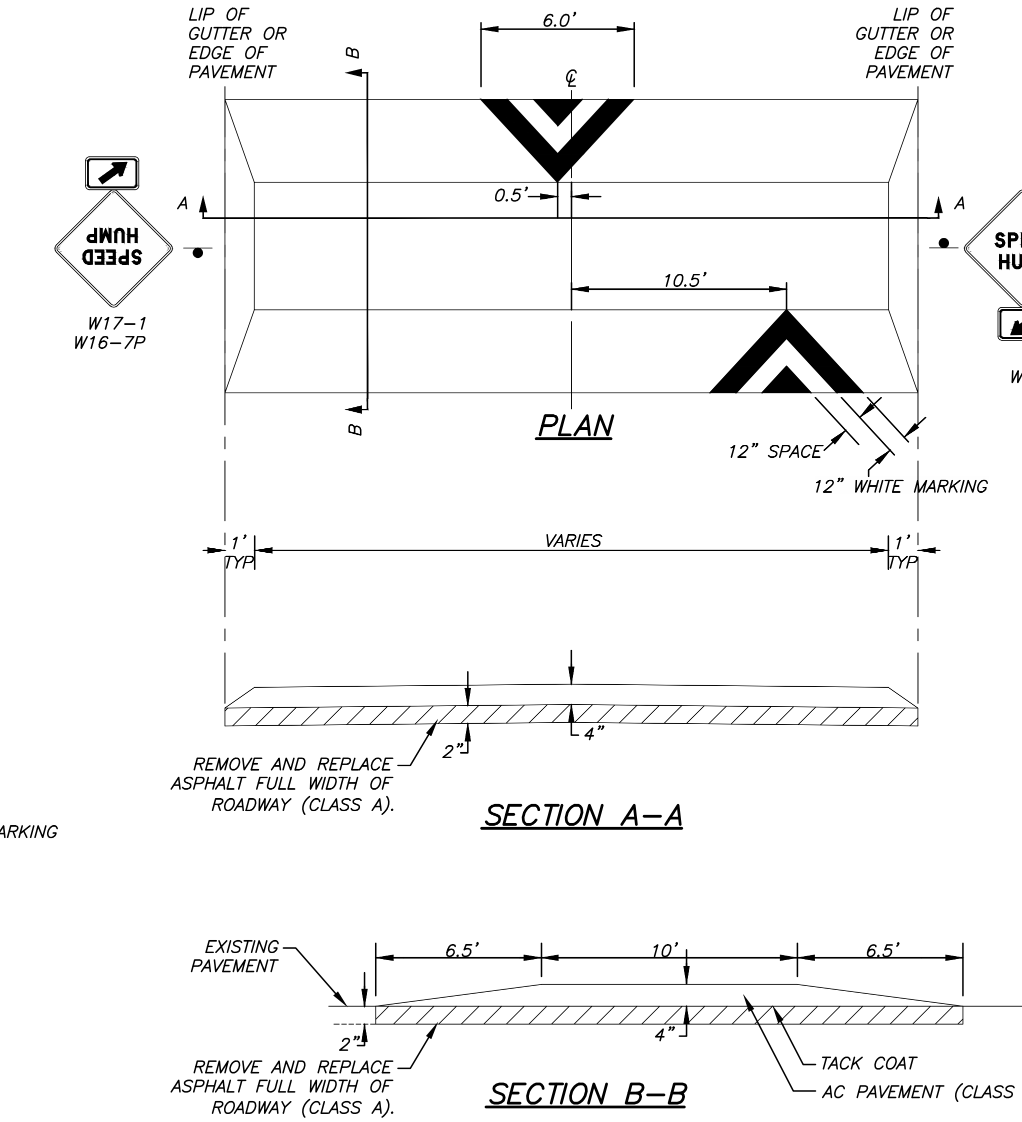
1/8 ASPHALT SPEED CUSHION LAYOUT
SCHEDULE B, NTS



ASPHALT SPEED CUSHION STRIPING NOTES:

1. ASPHALT SPEED CUSHION STRIPING SHALL BE 90 MIL INLAID METHYL METHACRYLATE. SYMBOLS LOCATED ON THE SPEED CUSHION SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE ASPHALT SPEED CUSHION AND NO ADDITIONAL PAYMENT SHALL BE MADE.
2. PSL – POSTED SPEED LIMIT.
3. TAPER LENGTH MAY BE REDUCED WITH APPROVAL FROM THE ENGINEER.

2/8 ASPHALT SPEED CUSHION STRIPING LAYOUT
SCHEDULE B, NTS



ASPHALT FLAT TOP SPEED HUMP NOTES:

1. CONSTRUCT SPEED HUMPS AS SHOWN IN SECTION AA TO ENSURE THAT DRAINAGE IS NOT OBSTRUCTED ALONG THE EDGE OF THE ROADWAY.
2. ASPHALT FLAT TOP SPEED HUMP STRIPING SHALL BE 90 MIL INLAID METHYL METHACRYLATE. ASPHALT FLAT TOP SPEED HUMP SYMBOLS SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE ASPHALT FLAT TOP SPEED HUMP AND NO ADDITIONAL PAYMENT SHALL BE MADE.
3. ASPHALT THICKNESS SHALL BE WITHIN PLUS OR MINUS 0.25" OF THICKNESS SHOWN.
4. PLACE ARROW SYMBOLS IN CENTER OF LANE. VERIFY WITH THE ENGINEER PRIOR TO PLACEMENT.

3/8 ASPHALT FLAT TOP SPEED HUMP LAYOUT
SCHEDULE A, NTS

H:\jobs\99-001 Acad Tutorial\CAD-CDB-TEST\Drawings\XXXXX_XX_05_Details, 1=1, 08-28-19 at 14:20 by WP
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XREF: XXXXX_XX_BD01

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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   BY: ______ TITLE: ______ DATE: ______
2. DATA TRANSFERRED BY: ______ TITLE: ______
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   COMPANY: ______ DATE: ______
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DATA	DRAWN BY	CHECKED BY
BASE	–	–
TOPOGRAPHY	–	–
PROFILE	–	–
STORM SEWER	–	–
WATER/SANITARY SEWER	–	–
GAS	–	–
TELEPHONE	–	–
ELECTRIC	–	–
DESIGN	–	–
QUANTITIES	–	–
PRELIMINARY/FINAL	–	–
MUNICIPAL/STATE	–	–
PLAN CHECK		

GRAPHIC 1 0 1 2 3 SCALE

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	
CONSTRUCTION RECORD	

TBM NO.	LOCATION	ELEV.
	BASIS OF THIS DATUM	
VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
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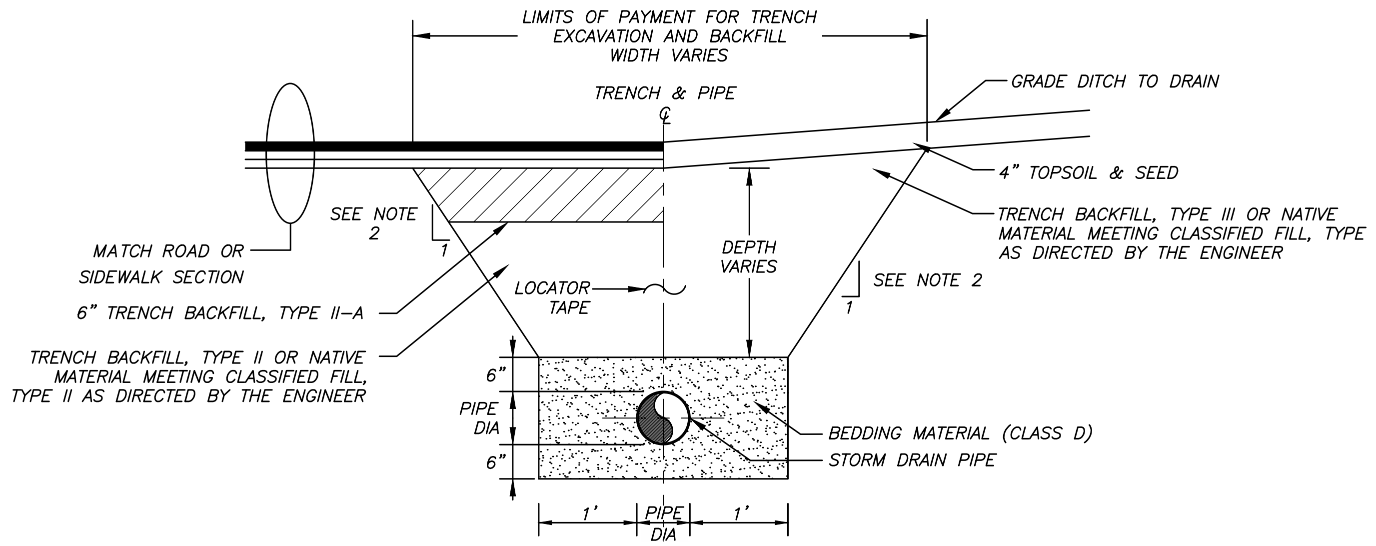
TRAFFIC ENGINEERING DEPARTMENT

20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING *SCHED: A,B*

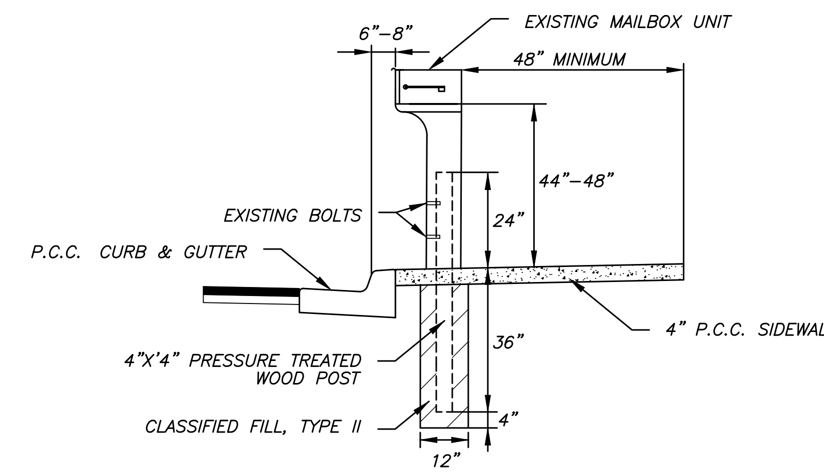
DETAILS

SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 8 of 28

FILE NO.–



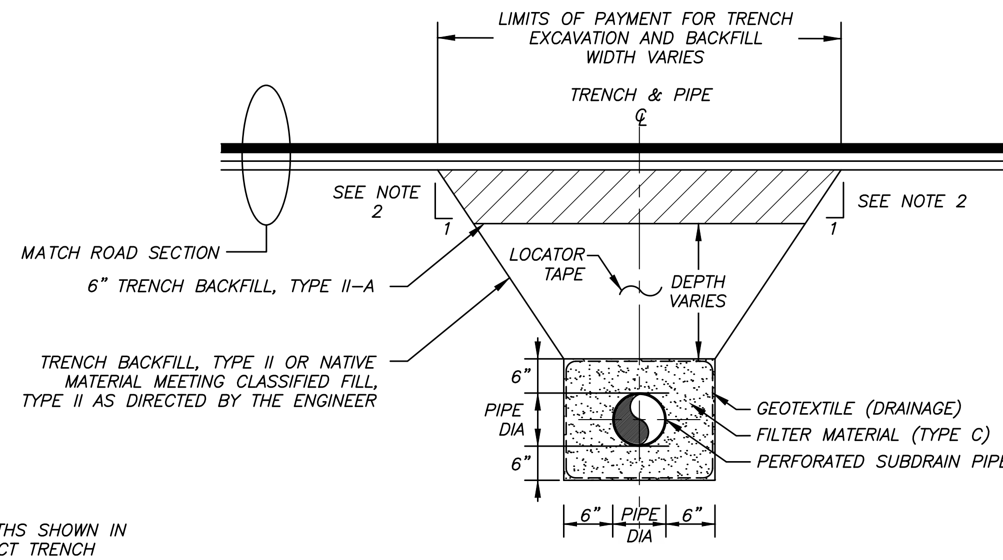
1 / 9 **TYPICAL STORM DRAIN TRENCH DETAIL**
SCHEDULE B, NTS



3 / 9 **MAILBOX RELOCATION DETAIL**
SCHEDULE B, NTS

MAILBOX NOTES:

1. THE SIDEWALK, BEHIND THE MAILBOXES, SHALL HAVE A MINIMUM CLEAR WIDTH OF 4 FEET.
2. CONTACT THE ENGINEER TO COORDINATE WITH USPS PRIOR TO RELOCATING EXISTING MAILBOXES.
3. CONTRACTOR SHALL SALVAGE, FROM THE EXISTING MAILBOX UNITS, ALL REUSABLE MATERIALS. CONTRACTOR SHALL REPLACE MATERIALS THAT CANNOT BE SALVAGED OR ARE DAMAGED BY CONTRACTOR'S OPERATIONS, AT CONTRACTOR'S EXPENSE.
4. ENSURE WOOD POST IS PERPENDICULAR TO THE GROUND. MOUNT MAILBOX UNIT ON POST AND SECURE. WOOD POSTS AND CLASSIFIED FILL MATERIAL ARE INCIDENTAL TO THE MAILBOX RELOCATION AND NO SEPARATE PAYMENT SHALL BE MADE.



2 / 9 **TYPICAL SUBDRAIN TRENCH DETAIL**
SCHEDULE B, NTS

NOTES:

1. TRENCH BACKFILL MATERIAL PLACED AND COMPACTED TO DEPTHS SHOWN IN THE DRAWINGS OR AS DETERMINED BY THE ENGINEER. COMPACT TRENCH BACKFILL TO A MINIMUM OF 95% MAXIMUM DENSITY.
2. TRENCH WALL SLOPES WILL VARY WITH SOIL STRENGTH AND CHARACTER. SLOPES SHALL CONFORM TO OSHA SAFETY STANDARDS.
3. BACKFILL SHALL BE FREE OF CLAYS AND ORGANIC MATERIAL.
4. FILTER ROCK AND GEOTEXTILE ARE INCIDENTAL TO THE SUBDRAIN AND NO ADDITIONAL PAYMENT SHALL BE MADE.

H:\jobs\99-001 Acad Tutorial\CAD-CDB-TEST\Drawings\XXXXX_XX_05_Details, 1=1, 08-28-19 at 14:20 by WP
LAYOUT: Layout1
XREF: XXXXX_XX_BD01

RECORD DRAWING
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DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—
PLAN CHECK		

GRAPHIC 1 0 1 2 3 SCALE

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

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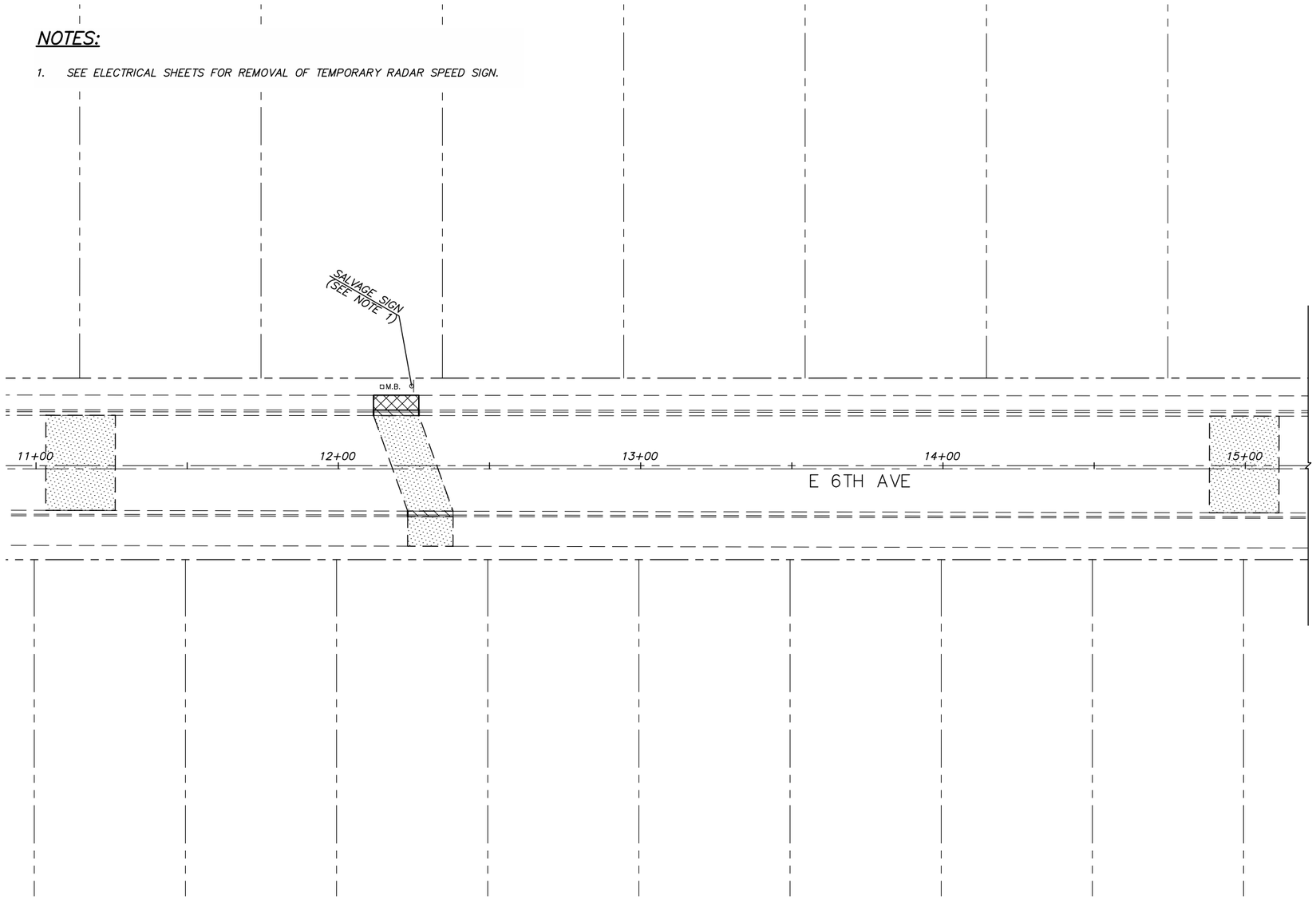
20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B
DETAILS

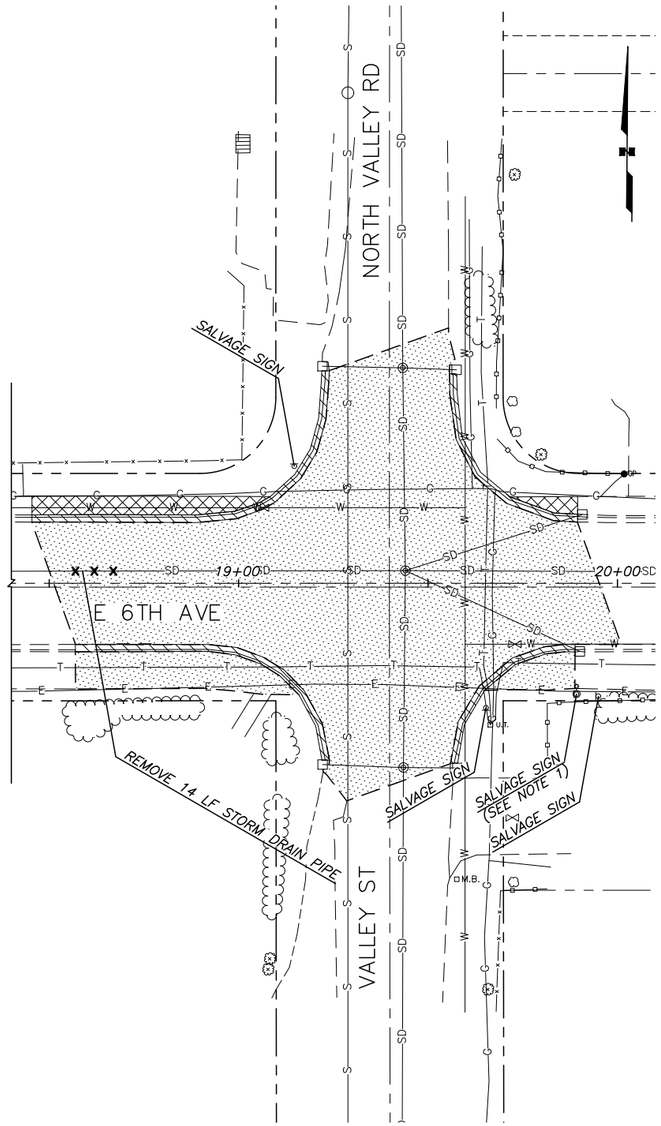
SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS

FILE NO.-

NOTES:

1. SEE ELECTRICAL SHEETS FOR REMOVAL OF TEMPORARY RADAR SPEED SIGN.





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ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC SCALE 20 0 20 40 60

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

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20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: A

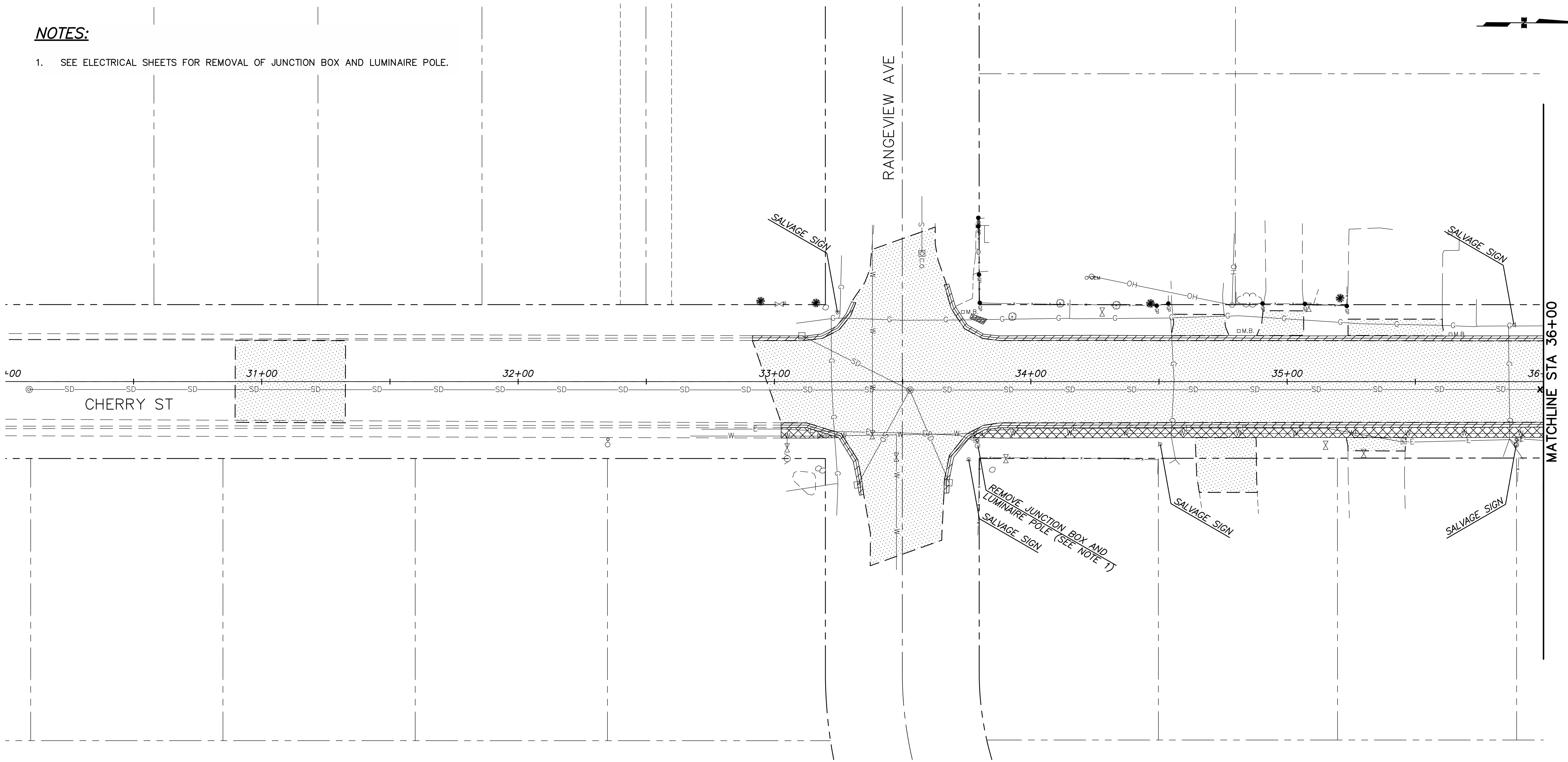
DEMOLITION PLAN

SCALE HOR. 1"=20' VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 10 of 28

FILE NO.-

NOTES:

1. SEE ELECTRICAL SHEETS FOR REMOVAL OF JUNCTION BOX AND LUMINAIRE POLE.



GRAPHIC SCALE 20 0 20 40 60

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: ______

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—
PLAN CHECK		

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	
CONSTRUCTION RECORD	

TBM NO.	LOCATION	ELEV.
BASIS OF THIS DATUM		
VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

HDL ENGINEERING Consultants LLC
- CIVIL ENGINEERING
- SURVEYING
- GEOTECHNICAL
- ENVIRONMENTAL

3335 Arctic Blvd., Suite 100
Anchorage, AK 99503
(907) 564-2120
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CONSULTANT

STATE OF ALASKA — 49TH — ENGINEER — NO. CE-###### — REGISTERED PROFESSIONAL ENGINEER

NOT FOR CONSTRUCTION

SEAL

MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT

20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

DEMOLITION PLAN

SCALE HOR. 1"=20' VER. NTS

GRID SW1241, SW1341

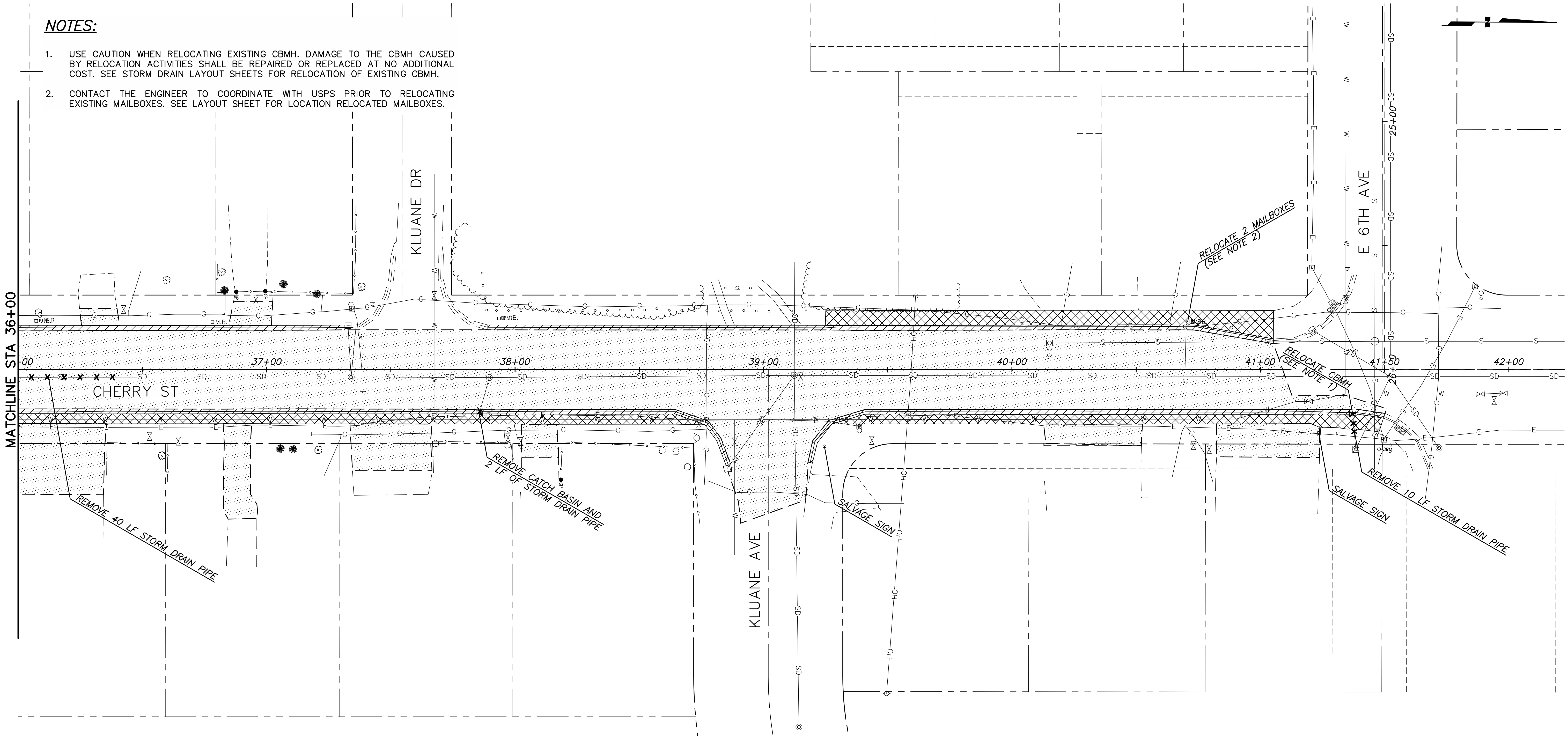
DATE JAN, 2021 STATUS

SHEET 11 of 28

FILE NO.–

NOTES:

1. USE CAUTION WHEN RELOCATING EXISTING CBMH. DAMAGE TO THE CBMH CAUSED BY RELOCATION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST. SEE STORM DRAIN LAYOUT SHEETS FOR RELOCATION OF EXISTING CBMH.
2. CONTACT THE ENGINEER TO COORDINATE WITH USPS PRIOR TO RELOCATING EXISTING MAILBOXES. SEE LAYOUT SHEET FOR LOCATION RELOCATED MAILBOXES.



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: ______________

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC SCALE 20 0 20 40 60

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

CONSTRUCTION RECORD

TBM NO.	LOCATION	ELEV.
	BASIS OF THIS DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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STATE OF ALASKA 49TH ENGINEER NO. CE-###### REGISTERED PROFESSIONAL ENGINEER

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SEAL

MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT

20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

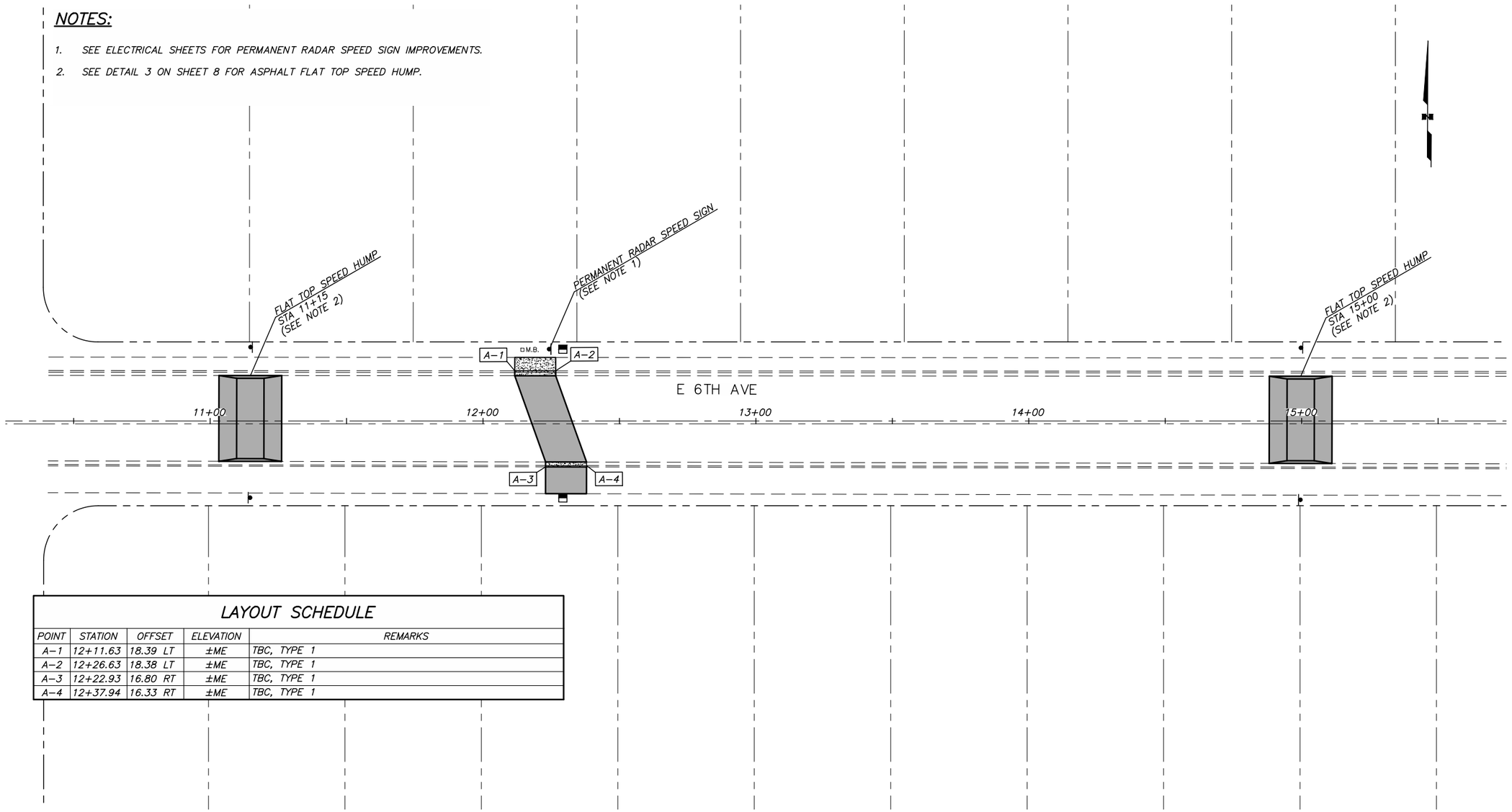
DEMOLITION PLAN

SCALE HOR. 1"=20' VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS

FILE NO.–

NOTES:

1. SEE ELECTRICAL SHEETS FOR PERMANENT RADAR SPEED SIGN IMPROVEMENTS.
2. SEE DETAIL 3 ON SHEET 8 FOR ASPHALT FLAT TOP SPEED HUMP.



LAYOUT SCHEDULE

POINT	STATION	OFFSET	ELEVATION	REMARKS
A-1	12+11.63	18.39 LT	±ME	TBC, TYPE 1
A-2	12+26.63	18.38 LT	±ME	TBC, TYPE 1
A-3	12+22.93	16.80 RT	±ME	TBC, TYPE 1
A-4	12+37.94	16.33 RT	±ME	TBC, TYPE 1

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

DATA	DRAWN BY	CHECKED BY
BASE	--	--
TOPOGRAPHY	--	--
PROFILE	--	--
STORM SEWER	--	--
WATER/SANITARY SEWER	--	--
GAS	--	--
TELEPHONE	--	--
ELECTRIC	--	--
DESIGN	--	--
QUANTITIES	--	--
PRELIMINARY/FINAL	--	--
MUNICIPAL/STATE	--	--

PLAN CHECK

GRAPHIC SCALE 20 0 20 40 60

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT

20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: A

LAYOUT PLAN

SCALE HOR. 1"=20' VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 13 of 28

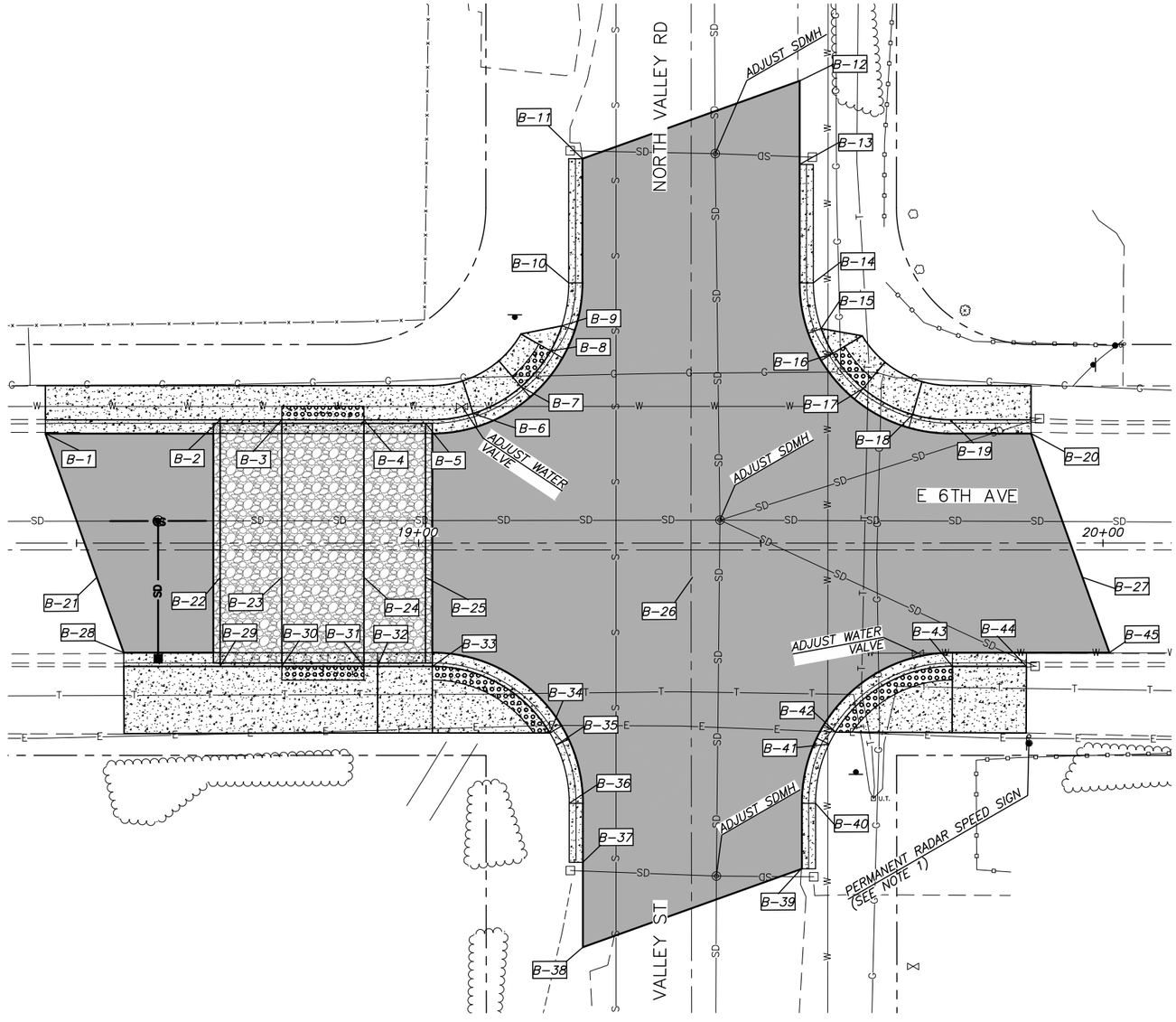
FILE NO.-

LAYOUT SCHEDULE

POINT	STATION	OFFSET	ELEVATION	REMARKS
B–1	18+50.46	16.00 LT	257.47 ±ME	ASPHALT EDGE
B–2	18+71.00	18.00 LT	258.00	TBC, TYPE 1
B–3	18+80.00	18.00 LT	258.05	TBC, TYPE 1, P.C.C. SIDEWALK
B–4	18+92.00	18.00 LT	258.11	TBC, TYPE 1, P.C.C. SIDEWALK
B–5	19+01.00	17.50 LT	258.06	TBC, TYPE 1, PC, R=20'
B–6	19+07.96	18.93 LT	258.01	TBC, TYPE 1, CURB TRANSITION
B–7	19+14.97	22.84 LT	257.56	TBC, TYPE 1A, CURB RAMP, STD DTL 30–9
B–8	19+19.28	28.05 LT	257.52	TBC, TYPE 1A, CURB TRANSITION
B–9	19+20.92	31.72 LT	257.66	TBC, TYPE 2
B–10	19+21.93	38.00 LT	257.62	TBC, TYPE 2, PT
B–11	19+23.93	56.13 LT	257.27 ±ME	ASPHALT EDGE, TYPE 2
B–12	19+55.68	67.50 LT	257.35 ±ME	ASPHALT EDGE
B–13	19+55.68	55.30 LT	257.34	ASPHALT EDGE, TYPE 2
B–14	19+57.68	38.00 LT	257.80	TBC, TYPE 2, PC, R=20'
B–15	19+58.82	31.33 LT	257.92	TBC, TYPE 1A, CURB TRANSITION
B–16	19+60.54	27.70 LT	257.82	TBC, TYPE 1A, CURB RAMP, STD DTL 30–9
B–17	19+64.95	22.57 LT	257.93	TBC, TYPE 1A, CURB TRANSITION
B–18	19+72.19	18.77 LT	258.47	TBC, TYPE 1
B–19	19+77.68	18.00 LT	258.56	TBC, TYPE 1, PT
B–20	19+89.49	16.00 LT	258.25 ±ME	ASPHALT EDGE, TYPE 1
B–21	18+57.98	5.00 RT	257.89 ±ME	ASPHALT CROWN
B–22	18+71.00	5.00 RT	258.01	BOTTOM OF RAMP
B–23	18+80.00	5.00 RT	258.51	TOP OF RAMP, RAISED CROSSWALK
B–24	18+92.00	5.00 RT	258.57	TOP OF RAMP, RAISED CROSSWALK
B–25	19+01.00	5.00 RT	258.07	BOTTOM OF RAMP
B–26	19+40.00	5.00 RT	258.32	ASPHALT CROWN
B–27	19+97.00	5.00 RT	258.67 ±ME	ASPHALT CROWN
B–28	18+61.91	16.00 RT	257.76 ±ME	ASPHALT EDGE, TYPE 1
B–29	18+71.00	18.00 RT	258.24	TBC, TYPE 1
B–30	18+80.00	18.00 RT	258.32	TBC, TYPE 1
B–31	18+92.00	18.00 RT	258.38	TBC, TYPE 1
B–32	18+94.00	18.00 RT	258.39	TBC, TYPE 1, CURB TRANSITION
B–33	19+02.00	18.00 RT	257.90	TBC, TYPE 1A, CURB RAMP, STD DTL 30–16, PC, R=20'
B–34	19+19.17	27.73 RT	257.56	TBC, TYPE 1A, CURB TRANSITION
B–35	19+20.11	29.50 RT	257.70	TBC, TYPE 2
B–36	19+22.00	38.00 RT	257.58	TBC, TYPE 2, PT
B–37	19+23.98	46.63 RT	257.17	ASPHALT EDGE, TYPE 2
B–38	19+23.99	59.03 RT	257.24 ±ME	ASPHALT EDGE
B–39	19+55.92	47.57 RT	257.30 ±ME	ASPHALT EDGE, TYPE 2
B–40	19+58.00	38.00 RT	257.74	TBC, TYPE 2, PC, R=20'
B–41	19+59.97	29.35 RT	258.13	TBC, TYPE 2, CURB TRANSITION
B–42	19+60.93	27.59 RT	258.05	TBC, TYPE 1A, CURB RAMP, STD DTL 30–16
B–43	19+78.00	18.00 RT	258.39	TBC, TYPE 1A, CURB TRANSITION, PT
B–44	19+88.82	18.00 RT	258.89	TBC, TYPE 1
B–45	20+00.94	16.00 RT	258.67 ±ME	ASPHALT EDGE

NOTES:

1. SEE ELECTRICAL SHEETS FOR PERMANENT RADAR SPEED SIGN IMPROVEMENTS.
2. EXCLUDE GUTTER PAN FOR EXTENTS OF RAISED CROSSWALK.
3. INSTALL DETECTABLE WARNING TILES FOR FULL WIDTH OF THE RAISED CROSSWALK.



RECORD DRAWING
1. DATA PROVIDED BY: _____ TITLE: _____
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COMPANY: _____ DATE: _____
BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC SCALE 10 0 10 20 30

FIELD BOOKS
DESIGN
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

CONSTRUCTION RECORD

TBM NO.	LOCATION	ELEV.
BASIS OF THIS DATUM		

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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CONSTRUCTION

MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT

20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: A

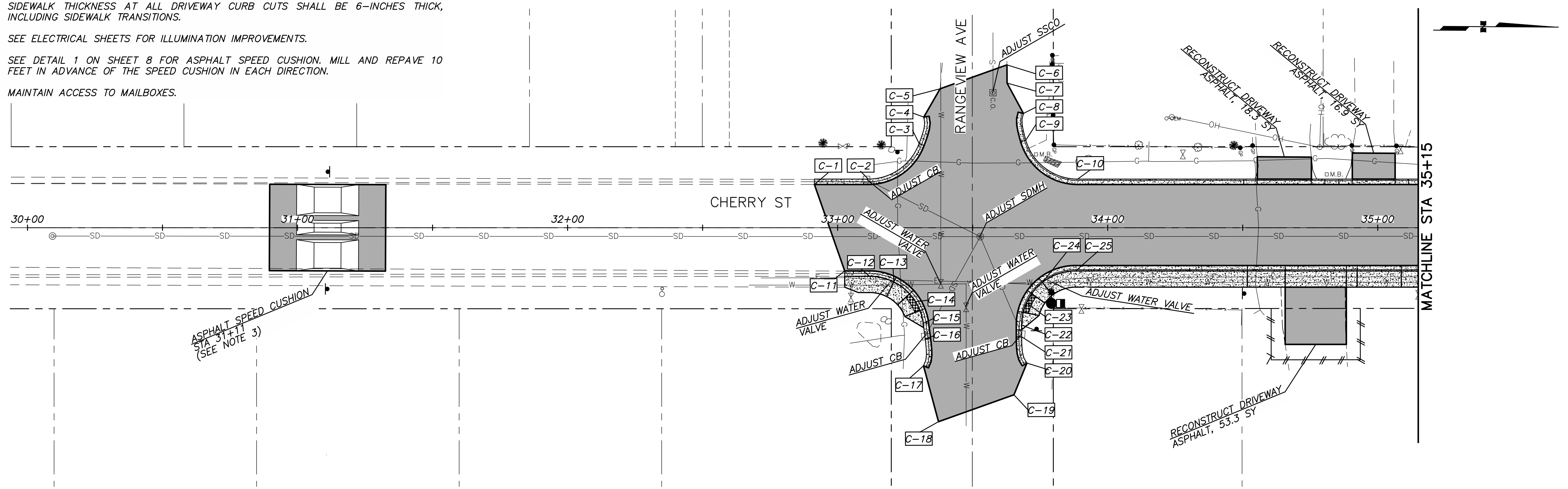
LAYOUT PLAN

SCALE HOR. 1"=10' VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 14 of 28

FILE NO.–

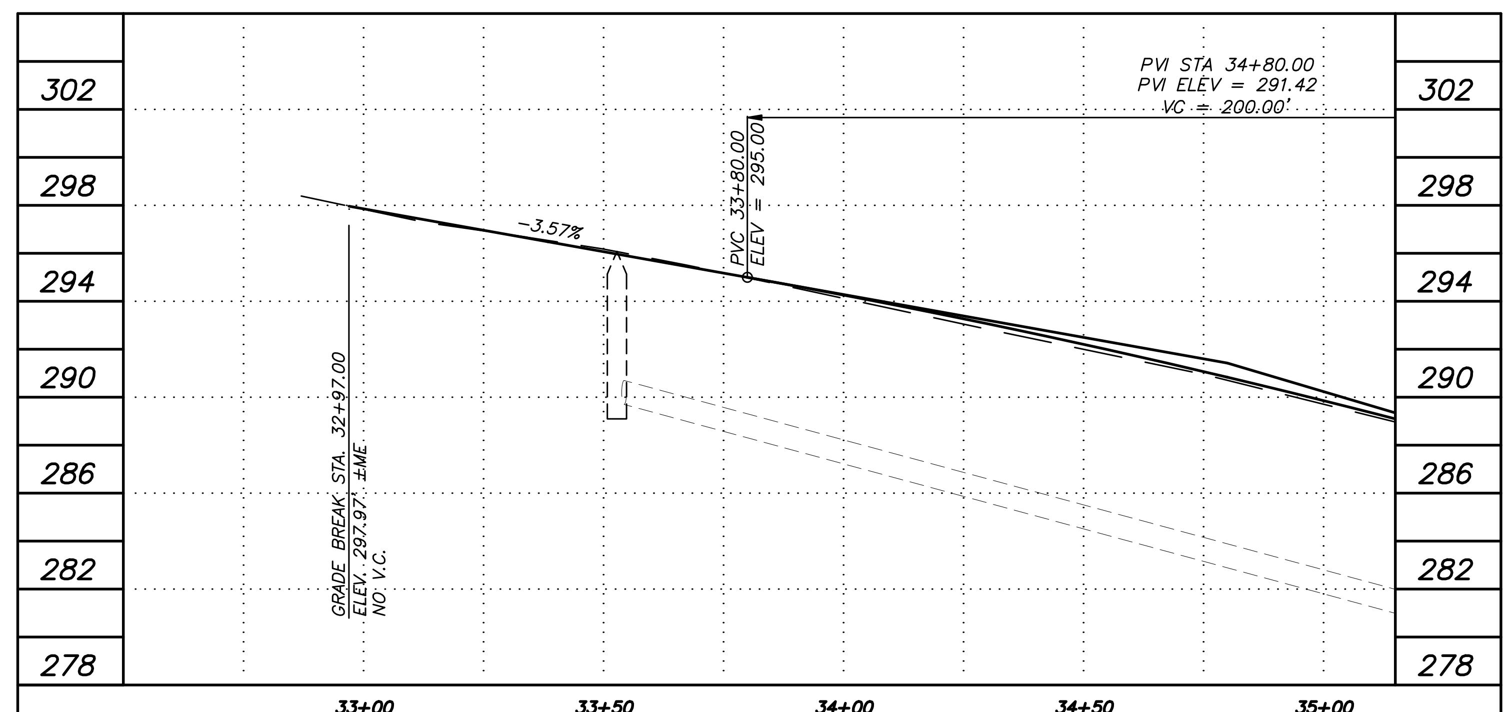
NOTES:

1. SIDEWALK THICKNESS AT ALL DRIVEWAY CURB CUTS SHALL BE 6-INCHES THICK, INCLUDING SIDEWALK TRANSITIONS.
2. SEE ELECTRICAL SHEETS FOR ILLUMINATION IMPROVEMENTS.
3. SEE DETAIL 1 ON SHEET 8 FOR ASPHALT SPEED CUSHION. MILL AND REPAVE 10 FEET IN ADVANCE OF THE SPEED CUSHION IN EACH DIRECTION.
4. MAINTAIN ACCESS TO MAILBOXES.



LAYOUT SCHEDULE

POINT	STATION	OFFSET	ELEVATION	REMARKS
C-1	32+91.40	16.00 LT	297.86 ±ME	ASPHALT EDGE, TYPE 2
C-2	33+11.34	18.00 LT	297.26	TBC, TYPE 2, PC, R=20'
C-3	33+30.16	31.18 LT	295.62	TBC, PT, BEGIN CURB TERMINATION STD DTL 30-2
C-4	33+31.90	40.94 LT	294.94	ASPHALT EDGE, END CURB TERMINATION
C-5	33+37.93	51.43 LT	294.46 ±ME	ASPHALT EDGE
C-6	33+62.69	60.27 LT	293.85 ±ME	ASPHALT EDGE
C-7	33+62.73	53.54 LT	294.07	ASPHALT EDGE
C-8	33+68.79	42.29 LT	294.46	ASPHALT EDGE, END CURB TERMINATION
C-9	33+69.67	32.39 LT	295.05	TBC, TYPE 1, PC, R=20', BEGIN CURB TERMINATION STD DTL 30-2
C-10	33+88.86	18.00 LT	294.76	TBC, TYPE 1, PT
C-11	33+02.60	16.00 RT	298.03 ±ME	ASPHALT EDGE, TYPE 2
C-12	33+11.84	18.00 RT	297.96	TBC, TYPE 2, PC, R=20'
C-13	33+20.80	20.12 RT	297.60	TBC, TYPE 2, CURB TRANSITION
C-14	33+28.80	27.41 RT	297.09	TBC, TYPE 2A, CURB RAMP STD DTL 30-9
C-15	33+31.66	35.39 RT	296.99	TBC, CURB TRANSITION, PT
C-16	33+32.43	41.21 RT	296.84	TBC, BEGIN CURB TERMINATION STD DTL 30-2
C-17	33+31.79	51.13 RT	297.51	ASPHALT EDGE, END CURB TERMINATION
C-18	33+37.35	71.81 RT	297.51 ±ME	ASPHALT EDGE
C-19	33+65.27	61.84 RT	297.32 ±ME	ASPHALT EDGE
C-20	33+70.07	50.12 RT	297.13	ASPHALT EDGE, END CURB TERMINATION
C-21	33+68.14	40.37 RT	296.93	TBC, TYPE 2, BEGIN CURB TERMINATION STD DTL 30-2
C-22	33+68.13	36.05 RT	296.59	TBC, CURB TRANSITION, PC, R=20'
C-23	33+69.88	27.81 RT	296.10	TBC, TYPE 1A, CURB RAMP STD DTL 30-9
C-24	33+75.82	20.24 RT	295.98	TBC, TYPE 1
C-25	33+88.14	16.00 RT	294.96	TBC, TYPE 1, PT



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: ______

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC SCALE 20 0 20 40 60

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

CONSTRUCTION RECORD

TBM NO.	LOCATION	ELEV.
BASIS OF THIS DATUM		

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

HDL ENGINEERING Consultants LLC
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MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT

20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

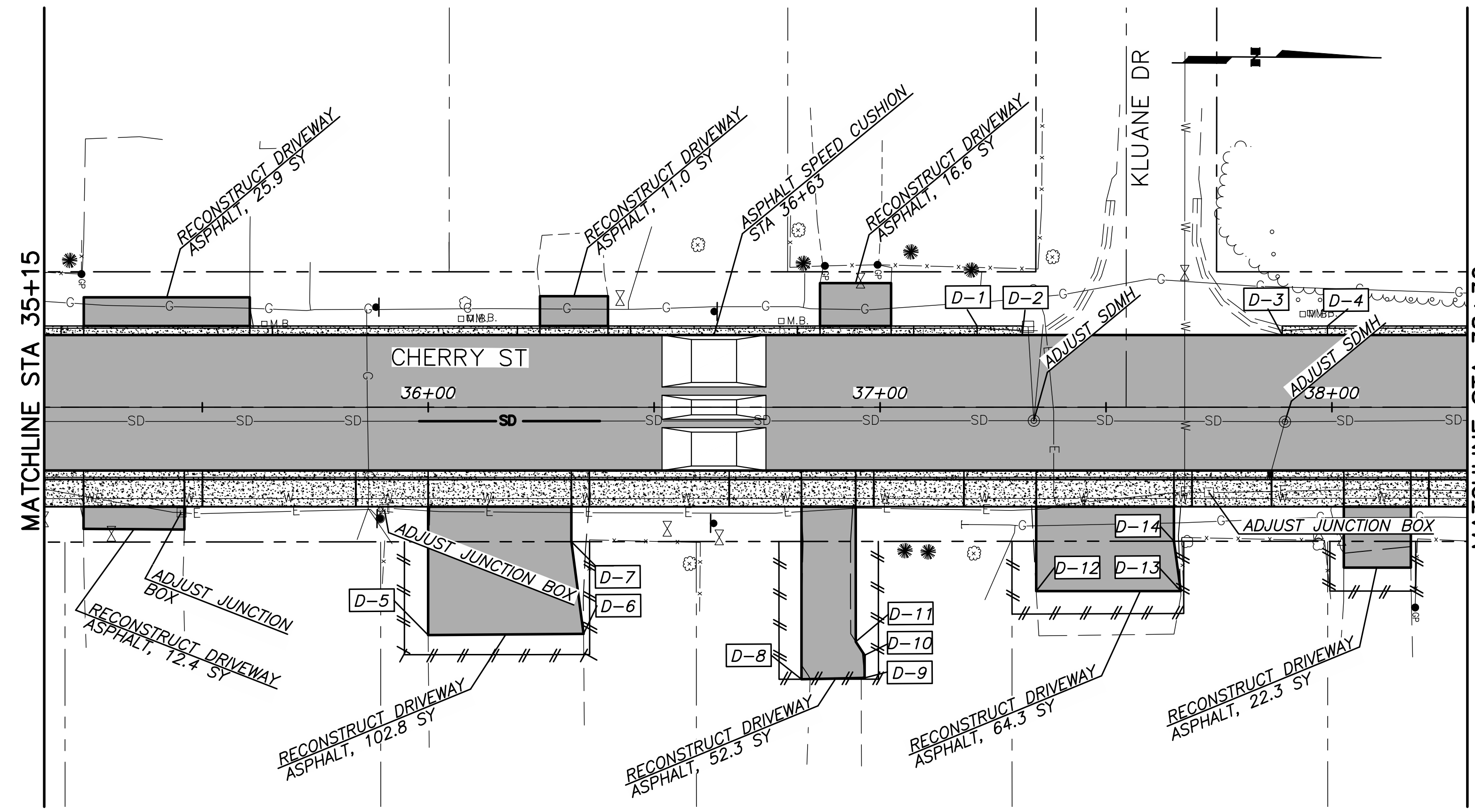
LAYOUT PLAN

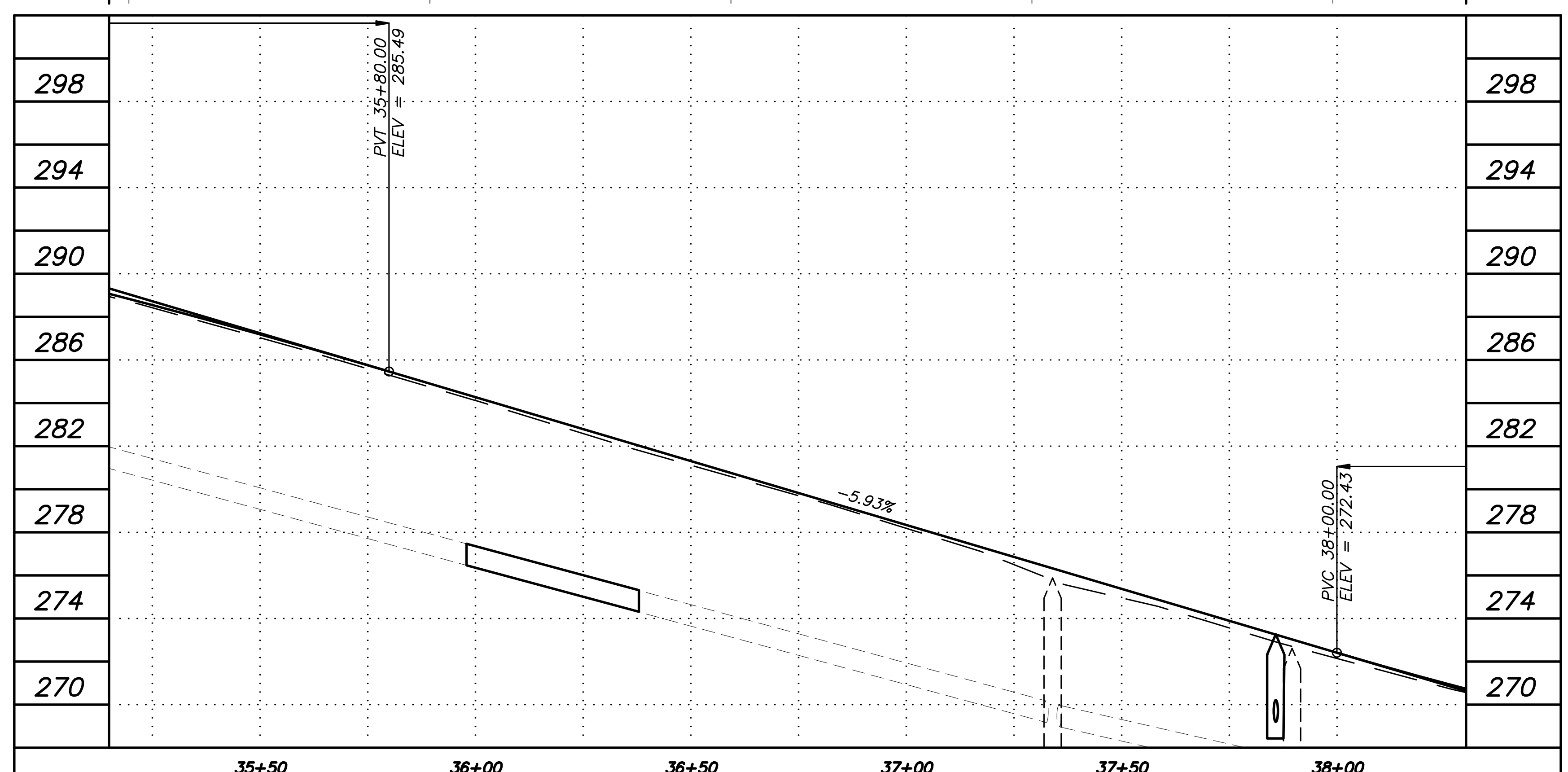
SCALE HOR. 1"=20' VER. 1"=4'
GRID SW1241, SW1341
DATE JAN, 2021
STATUS
SHEET 15 of 28

FILE NO.-

LAYOUT SCHEDULE

POINT	STATION	OFFSET	ELEVATION	REMARKS
D-1	37+21.48	18.00 LT	–	TBC, TYPE 1, CURB TRANSITION
D-2	37+31.48	15.99 LT	–	ASPHALT EDGE, TYPE 2
D-3	37+89.00	16.00 LT	–	ASPHALT EDGE, TYPE 2, CURB TRANSITION
D-4	37+99.00	18.00 LT	–	TBC, TYPE 1
D-5	35+99.97	50.44 RT	284.62 ±ME	ASPHALT DRIVEWAY
D-6	36+34.38	50.17 RT	284.60 ±ME	ASPHALT DRIVEWAY
D-7	36+31.68	29.76 RT	283.50	ASPHALT DRIVEWAY
D-8	36+82.61	60.22 RT	282.28 ±ME	ASPHALT DRIVEWAY
D-9	36+96.58	59.93 RT	282.26 ±ME	ASPHALT DRIVEWAY
D-10	36+96.58	54.91 RT	281.81 ±ME	ASPHALT DRIVEWAY
D-11	36+94.63	51.90 RT	281.54	ASPHALT DRIVEWAY
D-12	37+34.56	40.71 RT	276.80 ±ME	ASPHALT DRIVEWAY
D-13	37+66.56	40.71 RT	276.80 ±ME	ASPHALT DRIVEWAY
D-14	37+65.05	29.65 RT	275.88	ASPHALT DRIVEWAY





RECORD DRAWING

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CONTRACTOR: ______
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COMPANY: ______ DATE: ______
BY: ______

DATA	DRAWN BY	CHECKED BY
BASE	–	–
TOPOGRAPHY	–	–
PROFILE	–	–
STORM SEWER	–	–
WATER/SANITARY SEWER	–	–
GAS	–	–
TELEPHONE	–	–
ELECTRIC	–	–
DESIGN	–	–
QUANTITIES	–	–
PRELIMINARY/FINAL	–	–
MUNICIPAL/STATE	–	–
PLAN CHECK		

GRAPHIC 20 0 20 40 60 SCALE

FIELD BOOKS: DESIGN, STAKING, ASBUILT, CONTRACTOR, INSPECTOR — CONSTRUCTION RECORD

TBM NO. | LOCATION | ELEV. — BASIS OF THIS DATUM — VERTICAL DATUM

REV | DATE | DESCRIPTION | BY — REVISIONS

HDL ENGINEERING Consultants LLC
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TRAFFIC ENGINEERING DEPARTMENT

20-31 — E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING — SCHED: B

LAYOUT PLAN

SCALE HOR. 1"=20' VER. 1"=4' | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 16 of 28

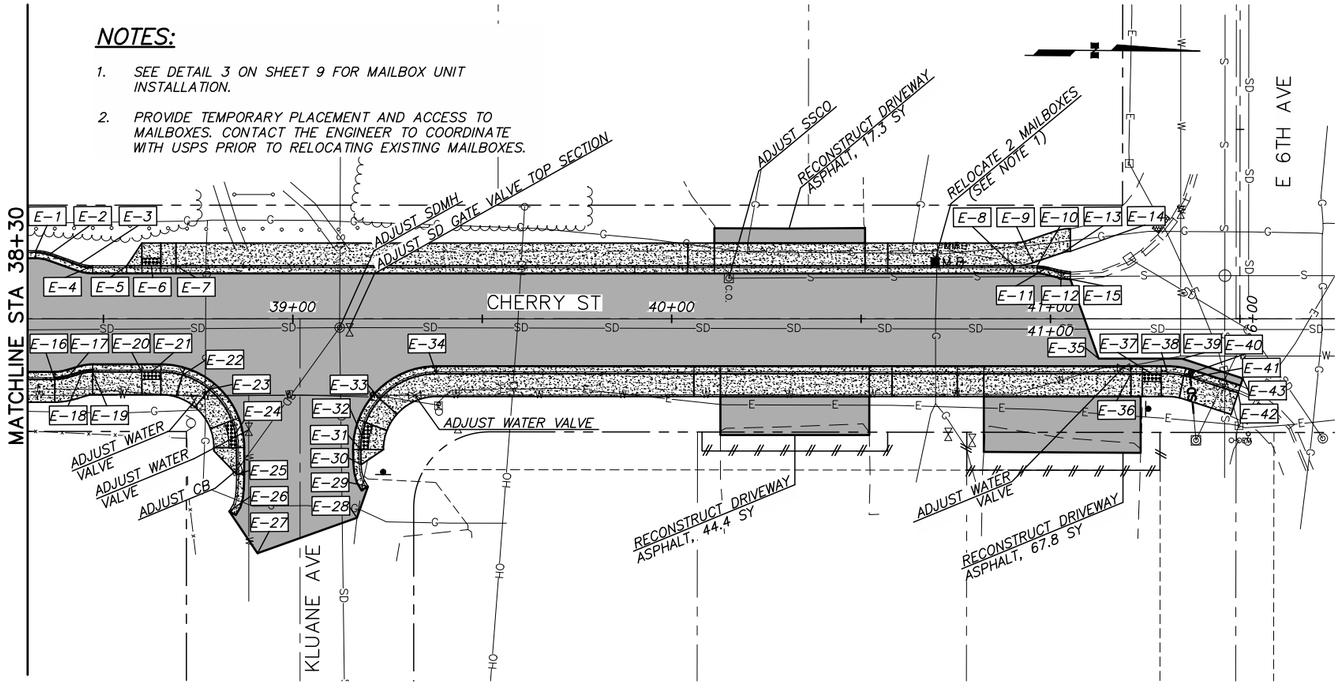
FILE NO.-

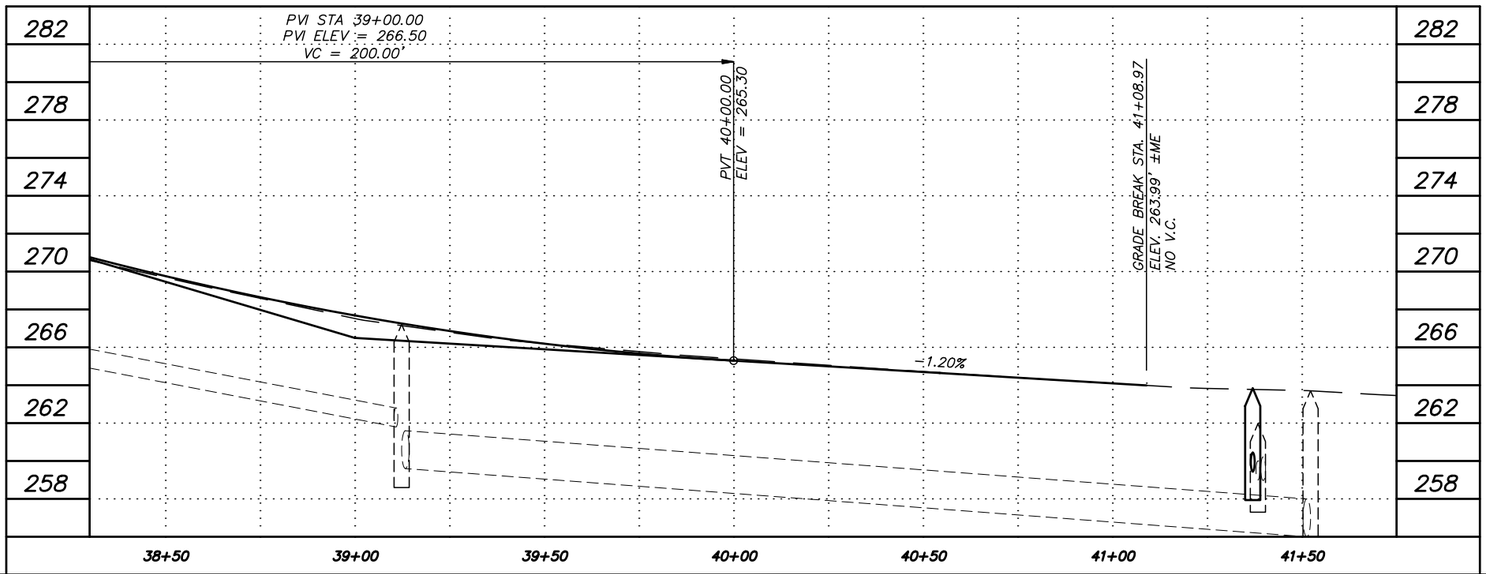
LAYOUT SCHEDULE

POINT	STATION	OFFSET	ELEVATION	REMARKS
E-1	38+32.17	18.00 LT	270.80	TBC, TYPE 1, PC, R=12', BEGIN STEEL CURB FACING STD DTL 30-5
E-2	38+36.21	17.30 LT	278.63	TBC, TYPE 1, PT
E-3	38+43.82	14.58 LT	270.28	TBC, TYPE 1, PC, R=10'
E-4	38+47.17	14.00 LT	270.06	TBC, TYPE 1, PT, END STEEL CURB FACING
E-5	38+56.18	14.00 LT	269.63	TBC, TYPE 1, CURB TRANSITION
E-6	38+62.68	14.00 LT	269.02	TBC, TYPE 1A, CURB RAMP STD DTL 30-9
E-7	38+69.18	14.00 LT	269.06	TBC, TYPE 1
E-8	40+90.24	13.96 LT	264.48	P.C.C. SICEWALK, PC, R=6'
E-9	40+95.41	14.82 LT	264.47	P.C.C. SIDEWALK, PT
E-10	40+96.47	13.96 LT	264.40	TBC, TYPE 1, PC, R=12', BEGIN STEEL CURB FACING STD DTL 30-5
E-11	40+99.35	13.61 LT	264.38	TBC, TYPE 1, PT
E-12	41+02.84	12.75 LT	264.34	TBC, TYPE 1, PC, R=10'
E-13	41+03.31	17.50 LT	264.45	P.C.C. SIDEWALK, PC, R=16'
E-14	41+05.25	17.82 LT	264.44	P.C.C. SIDEWALK, PT
E-15	41+05.24	10.46 LT	263.91	ASPHALT EDGE, TYPE 1, PT, END STEEL CURB FACING
E-16	38+37.17	16.00 RT	270.51	TBC, TYPE 1, PC, R=12', BEGIN STEEL FACING CURB STD DTL 30-5
E-17	38+40.53	15.52 RT	270.38	TBC, TYPE 1, PT
E-18	38+44.37	14.40 RT	270.21	TBC, TYPE 1, PC, R=10'
E-19	38+47.17	14.00 RT	270.06	TBC, TYPE 1, PT, CURB TRANSITION, END STEEL CURB FACING
E-20	38+60.17	14.00 RT	296.07	TBC, TYPE 1A, PC, R=20'
E-21	38+62.67	14.00 RT	269.04	TBC, TYPE 1A, CURB RAMP STD DTL 30-9
E-22	38+70.89	14.84 RT	268.95	TBC, TYPE 1
E-23	38+77.96	18.63 RT	268.33	TBC, TYPE 1, CURB TRANSITION
E-24	38+84.84	30.37 RT	267.08	TBC, TYPE 1A, CURB RAMP STD DTL 30-9
E-25	38+85.17	41.05 RT	266.71	TBC, TYPE 2, PT, BEGIN CURB TERMINATION STD DTL 30-2
E-26	38+83.24	50.80 RT	266.62 ±ME	ASPHALT EDGE, END CURB TERMINATION
E-27	38+90.69	61.87 RT	266.72 ±ME	ASPHALT EDGE
E-28	39+16.93	52.50 RT	266.71 ±ME	ASPHALT EDGE
E-29	39+19.86	44.26 RT	266.66 ±ME	ASPHALT EDGE, END CURB TERMINATION
E-30	39+18.04	38.51 RT	266.76 ±ME	TBC, CURB TERMINATION
E-31	39+17.92	34.51 RT	266.83	TBC, TYPA 1A, PC, R=20', BEGIN CURB TERMINATION STD DTL 30-2
E-32	39+18.25	30.87 RT	266.77	TBC, TYPE 1A, CURB RAMP STD DTL 30-9
E-33	39+23.02	21.16 RT	266.97	TBC, TYPE 1
E-34	39+37.92	14.51 RT	266.65	TBC, TYPE 1, PT
E-35	41+12.72	10.51 RT	263.83	ASPHALT EDGE
E-36	41+21.24	14.51 RT	264.12	TBC, TYPE 4, CURB TRANSITION
E-37	41+26.74	14.51 RT	263.65	TBC, TYPE 1A, CURB RAMP STD DTL 30-9
E-38	41+30.91	14.51 RT	263.57	TBC, CURB TRANSITION, PC, R=20'
E-39	41+34.70	10.51 RT	263.59	ASPHALT EDGE
E-40	41+35.22	14.95 RT	263.92	TBC, TYPE 1
E-41	41+37.08	15.48 RT	263.90	TBC, TYPE 1, PT
E-42	41+49.54	19.52 RT	264.12 ±ME	TBC, TYPE 1
E-43	41+50.78	15.72 RT	263.72 ±ME	ASPHALT EDGE

NOTES:

1. SEE DETAIL 3 ON SHEET 9 FOR MAILBOX UNIT INSTALLATION.
2. PROVIDE TEMPORARY PLACEMENT AND ACCESS TO MAILBOXES. CONTACT THE ENGINEER TO COORDINATE WITH USPS PRIOR TO RELOCATING EXISTING MAILBOXES.





RECORD DRAWING

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

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC SCALE 20 0 20 40 60

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

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TRAFFIC ENGINEERING DEPARTMENT

20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

LAYOUT PLAN

SCALE HOR. 1"=20' VER. 1"=4' | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 17 of 28

FILE NO.-

20.28 RECONSTRUCT DRIVEWAY

SHEET	CENTER REFERENCE LOCATION		DRIVEWAY WIDTH AT CURB OR EDGE OF PAVEMENT (FT)	SKEW ANGLE (DEGREES)	TOTAL DISTANCE (FT)	EXISTING GRADE	PROPOSED GRADE	SURFACE TYPE ON PROPERTY	CURB–CUT UPHILL RAMP (FT)	CURB–CUT DOWNHILL RAMP (FT)	REMARKS
	STATION	OFFSET (FT)									
15	34+64.9	LT	20.0	90	8.2	–2.5%	–0.5%	ASPHALT	5	5	
15	34+78.0	RT	22.6	90	21.2	10.5%	9.4%	ASPHALT	14	4	
15	34+98.6	LT	15.9	90	9.6	–2.8%	–0.8%	ASPHALT	5	5	
16	35+35.2	RT	22.3	90	5.0	5.4%	3.6%	ASPHALT	15	4	
16	35+42.3	LT	36.8	90	6.4	3.3%	4.4%	ASPHALT	5	5	
16	36+17.4	RT	31.7	90	28.3	4.2%	5.4%	ASPHALT	16	4	SEE LAYOUT TABLE
16	36+31.9	LT	15.0	90	6.6	3.2%	3.9%	ASPHALT	5	5	
16	36+88.0	RT	12.0	90	38.1	9.7%	9.0%	ASPHALT	16	4	SEE LAYOUT TABLE
16	36+92.5	LT	15.7	90	9.5	6.8%	3.1%	ASPHALT	5	5	
16	37+50.1	RT	30.5	90	18.7	6.9%	8.7%	ASPHALT	16	4	SEE LAYOUT TABLE
16	38+09.9	RT	14.8	90	13.5	10.0%	4.0%	ASPHALT	16	4	
17	40+31.3	LT	39.8	90	3.9	3.1%	1.4%	ASPHALT	7	6	
17	40+32.9	RT	39.3	90	10.2	10.0%	7.8%	ASPHALT	7	6	
17	41+02.4	RT	38.8	90	14.7	14.5%	11.3%	ASPHALT	7	–	CURB RAMP AT DRIVEWAY EDGE

NOTES:

1. "SKEW ANGLE" ("+" IS CLOCKWISE AND "–" IS COUNTER CLOCKWISE) IS MEASURED FROM PROJECT CENTERLINE WITH 0 DECREES ALIGNED ALONG INCREASING STATIONS.
2. "TOTAL DISTANCE" IS THE LIMIT OF RECONSTRUCTION BEGINNING AT THE BACK OF SIDEWALK OR BACK OF CURB AND GUTTER, IF THERE IS NO SIDEWALK.
3. "PROPOSED GRADE" IS APPROXIMATE GRADE FROM THE END OF THE LANDING TO THE LIMIT OF RECONSTRUCTION. ACTUAL CONSTRUCTION GRADE MAY VARY.
4. RUNNING SLOPES OF SIDEWALKS UPHILL AND DOWNHILL RAMPS FOR DRIVEWAY CURB–CUTS SHALL NOT EXCEED 8.33%.
5. SIDEWALK CROSS SLOPES SHALL BE 1.5%.

RECORD DRAWING

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   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC SCALE 1 0 1 2 3

FIELD BOOKS
DESIGN
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

CONSTRUCTION RECORD

TBM NO.	LOCATION	ELEV.
BASIS OF THIS DATUM		

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

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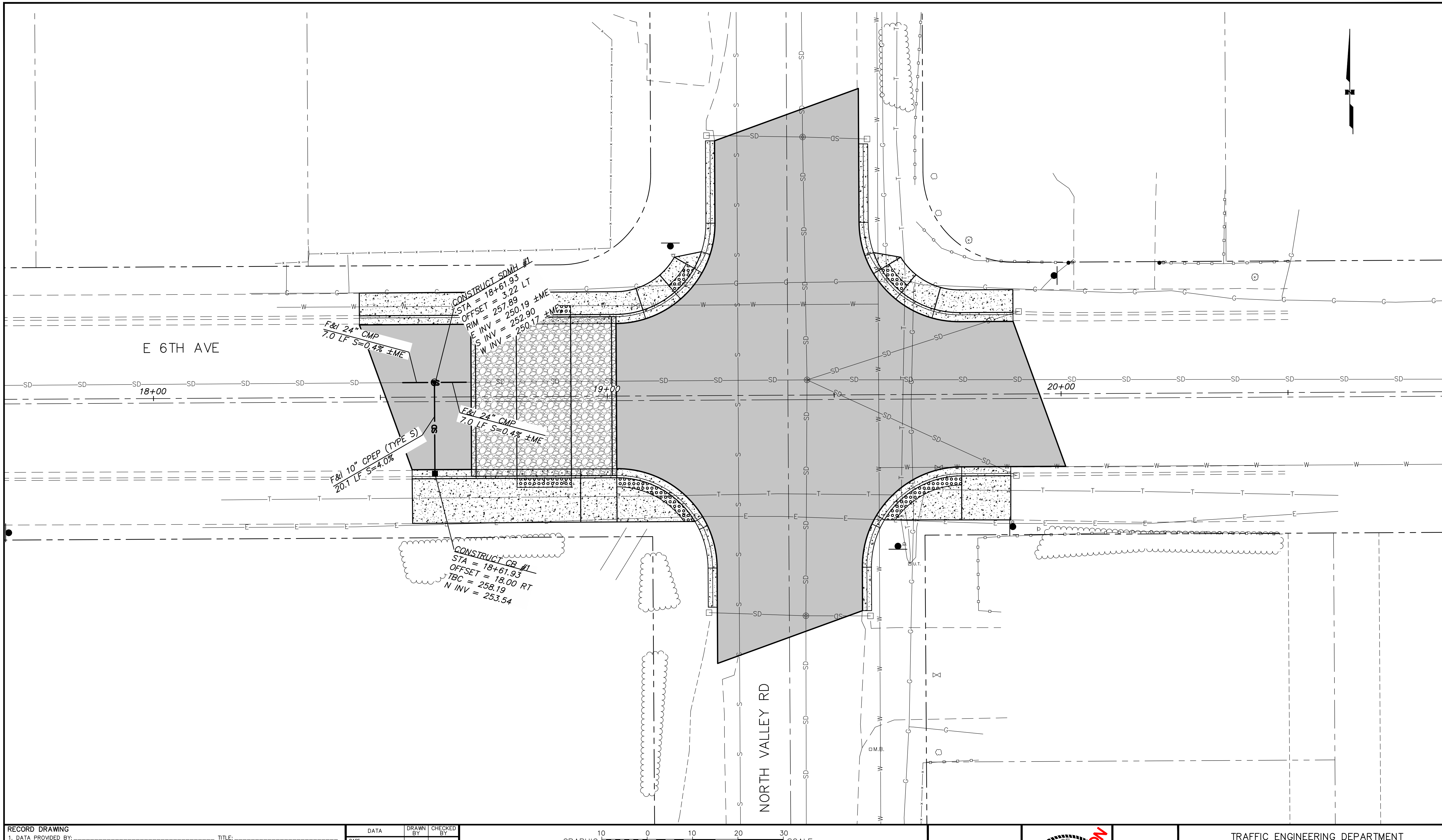
TRAFFIC ENGINEERING DEPARTMENT

20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

DRIVEWAY SUMMARY TABLE

SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 18 of 28

FILE NO.–



RECORD DRAWING

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BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—
PLAN CHECK		

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	
CONSTRUCTION RECORD	

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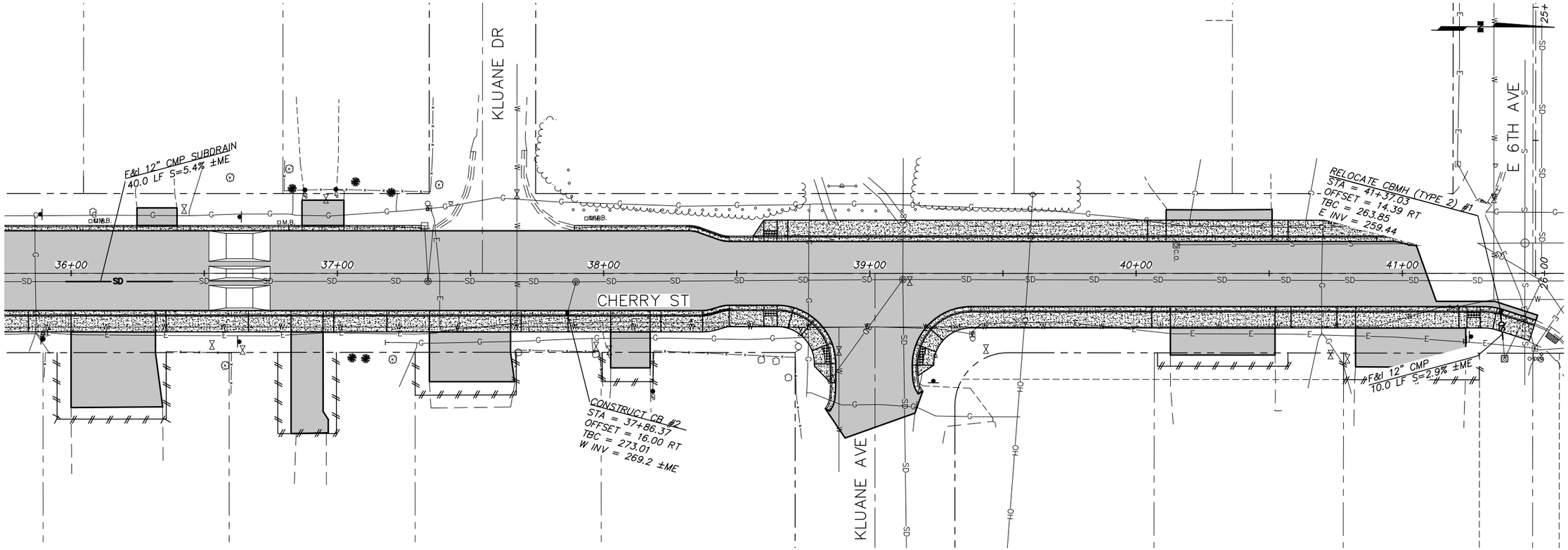
20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

STORM DRAIN LAYOUT

SCALE HOR. 1"=10' VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS

SHEET 19 of 28

FILE NO.-



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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

CONSTRUCTION RECORD

GRAPHIC SCALE 20 0 20 40 60

FIELD BOOKS
DESIGN
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

VERTICAL DATUM

TBM NO.	LOCATION	ELEV.
BASIS OF THIS DATUM		

REVISIONS

REV	DATE	DESCRIPTION	BY

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20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

STORM DRAIN LAYOUT

SCALE HOR. 1"=20'
VER. 1"=4'

GRID SW1241, SW1341

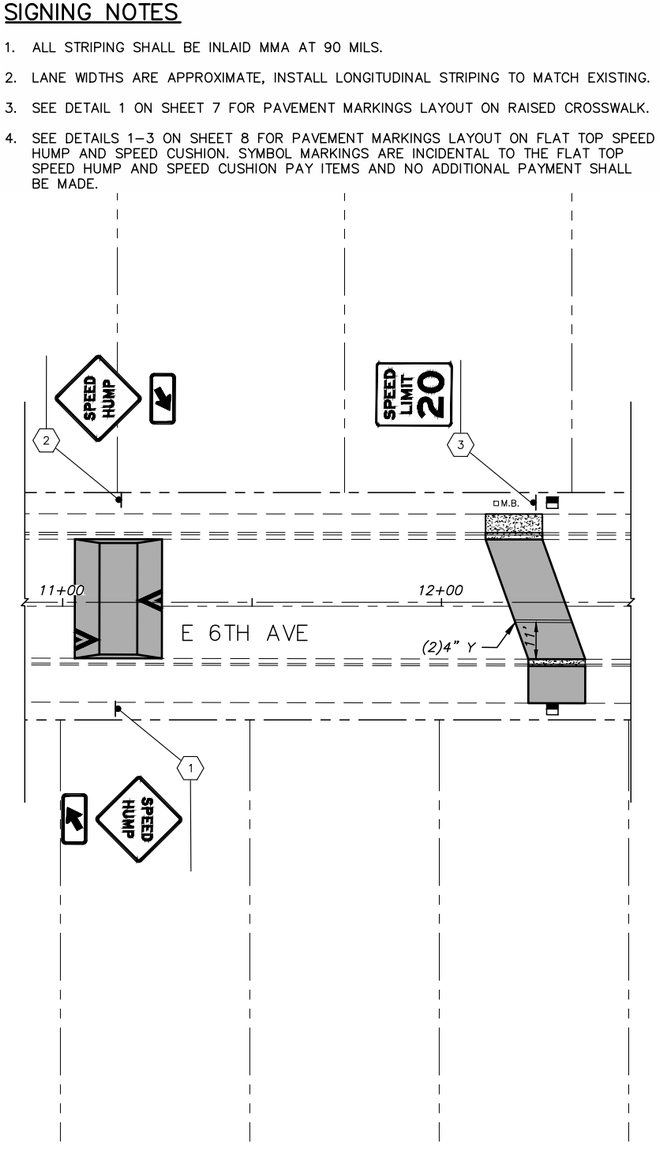
DATE JAN, 2021 STATUS

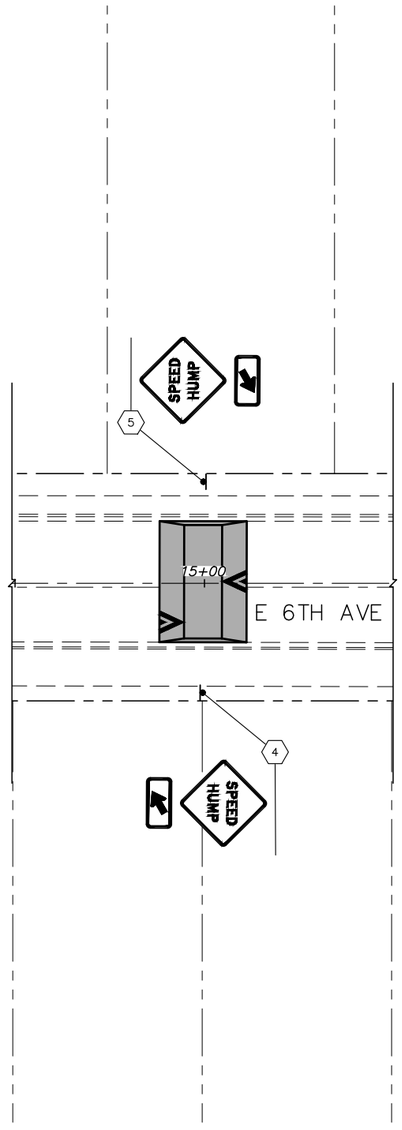
SHEET 20 of 28

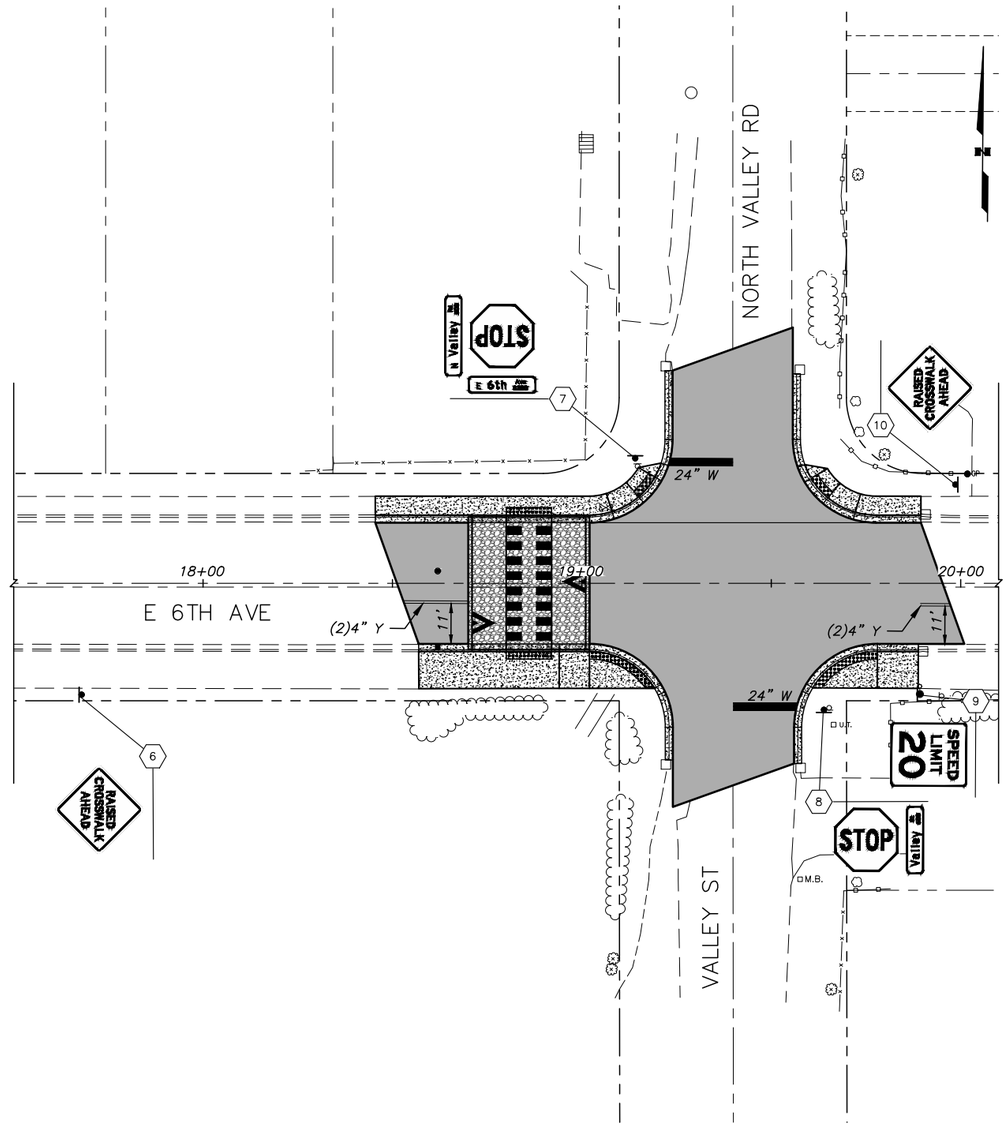
FILE NO.-

SIGNING NOTES

1. ALL STRIPING SHALL BE INLAID MMA AT 90 MILS.
2. LANE WIDTHS ARE APPROXIMATE, INSTALL LONGITUDINAL STRIPING TO MATCH EXISTING.
3. SEE DETAIL 1 ON SHEET 7 FOR PAVEMENT MARKINGS LAYOUT ON RAISED CROSSWALK.
4. SEE DETAILS 1–3 ON SHEET 8 FOR PAVEMENT MARKINGS LAYOUT ON FLAT TOP SPEED HUMP AND SPEED CUSHION. SYMBOL MARKINGS ARE INCIDENTAL TO THE FLAT TOP SPEED HUMP AND SPEED CUSHION PAY ITEMS AND NO ADDITIONAL PAYMENT SHALL BE MADE.







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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

GRAPHIC SCALE 1 0 1 2 3

VERTICAL DATUM

TBM NO.	LOCATION	ELEV.
BASIS OF THIS DATUM		

REVISIONS

REV	DATE	DESCRIPTION	BY

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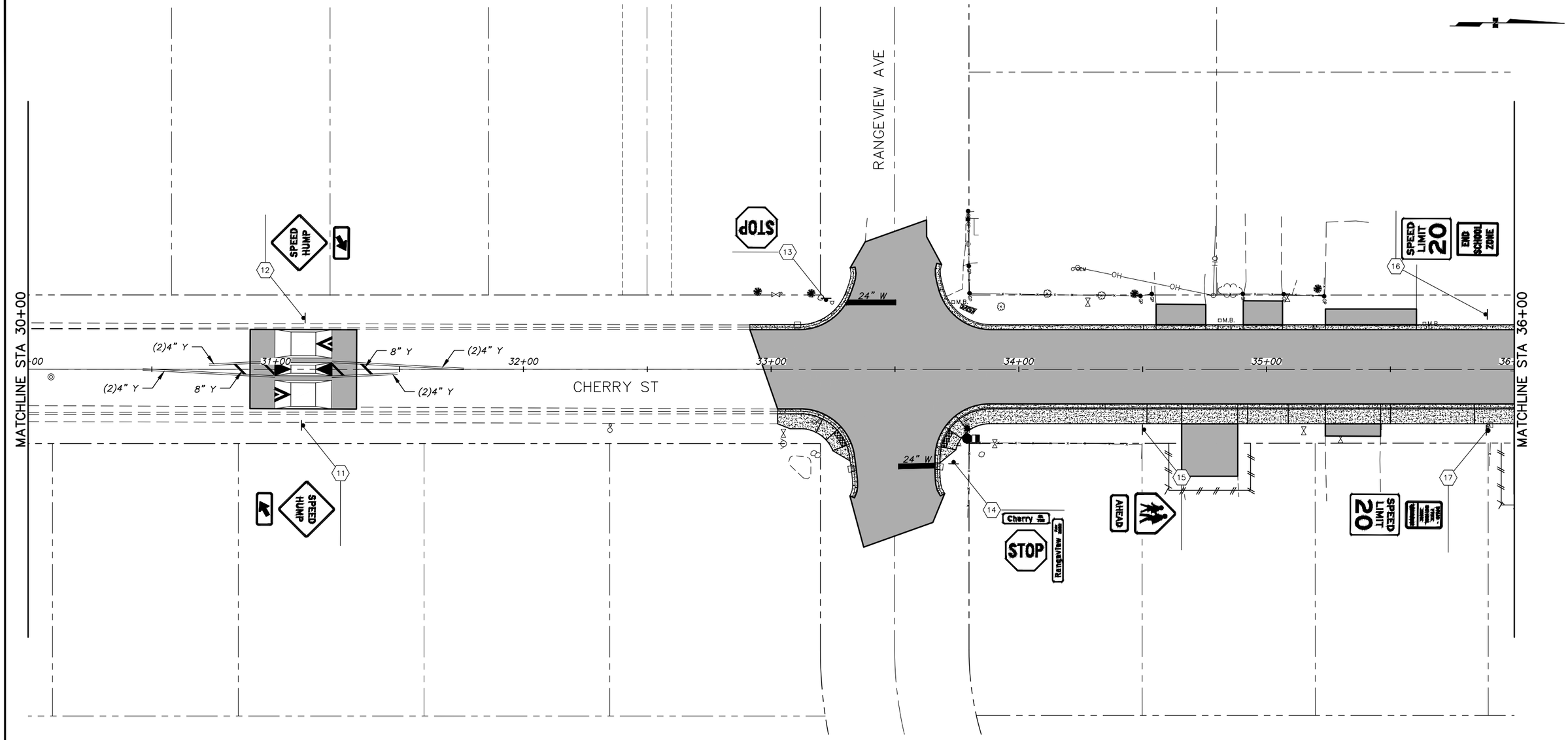
20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: A

SIGNING AND STRIPING PLAN

SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 21 of 28

FILE NO.–



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DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC SCALE 1 0 1 2 3

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
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INSPECTOR	

CONSTRUCTION RECORD

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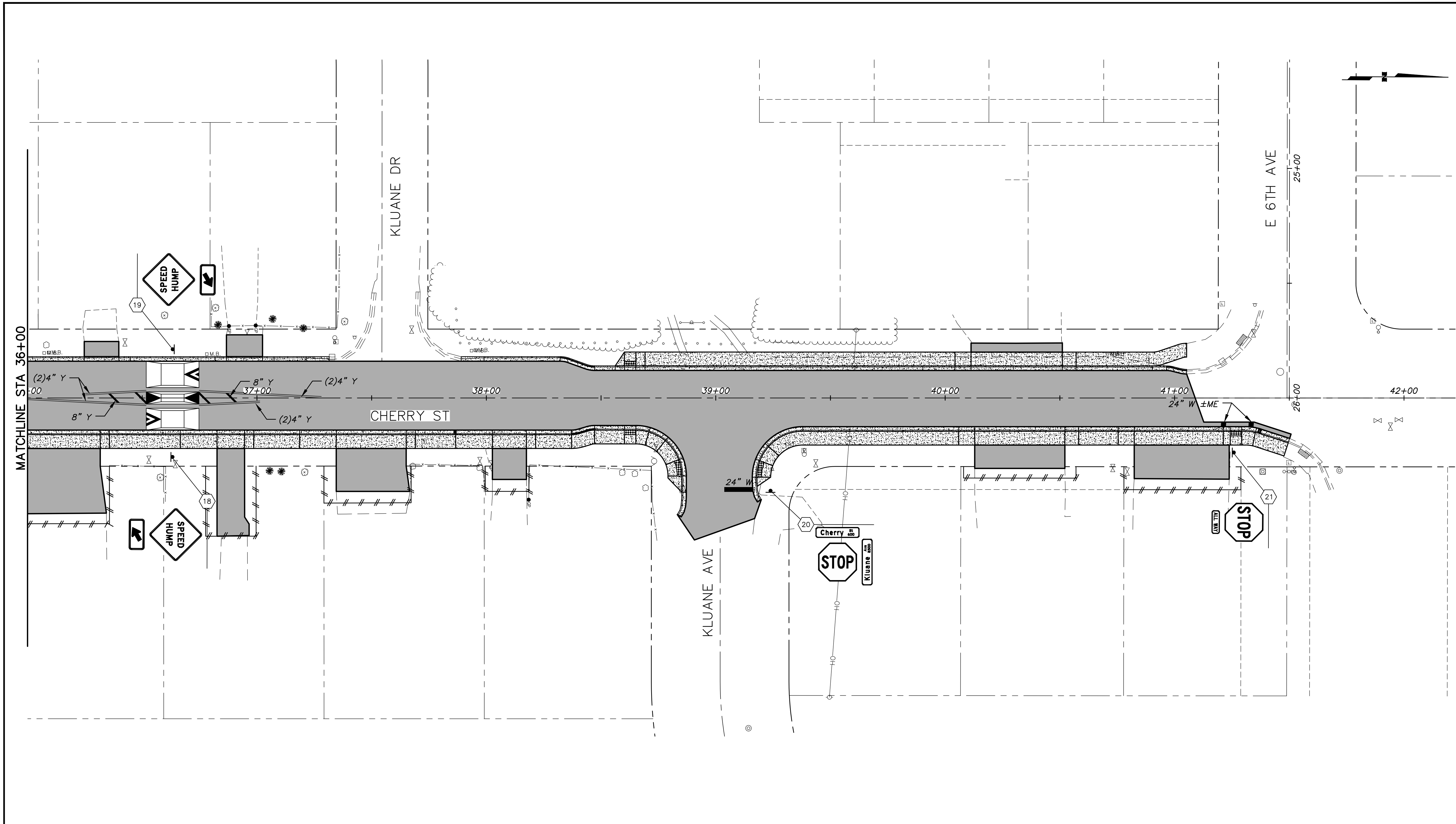
20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

SIGNING AND STRIPING PLAN

SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 22 of 28

FILE NO.-



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COMPANY: ____ DATE: ____
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DATA	DRAWN BY	CHECKED BY
BASE	–	–
TOPOGRAPHY	–	–
PROFILE	–	–
STORM SEWER	–	–
WATER/SANITARY SEWER	–	–
GAS	–	–
TELEPHONE	–	–
ELECTRIC	–	–
DESIGN	–	–
QUANTITIES	–	–
PRELIMINARY/FINAL	–	–
MUNICIPAL/STATE	–	–
PLAN CHECK		

GRAPHIC SCALE 1 0 1 2 3

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	
CONSTRUCTION RECORD	

TBM NO.	LOCATION	ELEV.
BASIS OF THIS DATUM		
VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

HDL ENGINEERING Consultants LLC
- CIVIL ENGINEERING
- SURVEYING
- GEOTECHNICAL
- ENVIRONMENTAL

3335 Arctic Blvd., Suite 100
Anchorage, AK 99503
(907) 564-2120
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STATE OF ALASKA … PROFESSIONAL ENGINEER
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MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT
20–31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B
SIGNING AND STRIPING PLAN

SCALE HOR. NTS VER. NTS
GRID SW1241, SW1341
DATE JAN, 2021 STATUS
SHEET 23 of 28

FILE NO.–

SIGN SUMMARY

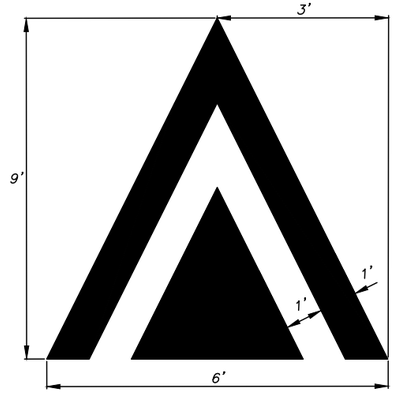
S#	SHEET NO.	POST NO.	STATION	OFFSET	TYPE	LEGEND	SIZE (IN x IN)	AREA FT²	SIGN FACES	POST SIZE (IN)	THICKNESS (IN) FRAMED	THICKNESS (IN) UNFRAMED	REMARKS
	21	1	11+15.00	RT	W17-1	SPEED HUMP	30x30	6.25	W	2.5" PT		0.125	SCHEDULE A
					W16-7L		12x24	2.00	W			0.125	SCHEDULE A
	21	2	11+15.00	LT	W17-1	SPEED HUMP	30x30	6.25	E	2.5" PT		0.125	SCHEDULE A
					W16-7L		12x24	2.00	E			0.125	SCHEDULE A
	21	3	12+24.00	LT	R2-1	SPEED LIMIT 20	24x30	5.00	E	2.5" PT		0.125	SCHEDULE A
	21	4	15+00.00	RT	W17-1	SPEED HUMP	30x30	6.25	W	2.5" PT		0.125	SCHEDULE A
					W16-7L		12x24	2.00	W			0.125	SCHEDULE A
	21	5	15+00.00	LT	W17-1	SPEED HUMP	30x30	6.25	E	2.5" PT		0.125	SCHEDULE A
					W16-7L		12x24	2.00	E			0.125	SCHEDULE A
	21	6	17+68.00	RT	SPECIAL	RAISED CROSSWALK AHEAD	30x30	6.25	W	2.5" PT		0.125	SCHEDULE A
	21	7	19+14.00	LT	D3-101	E 6th AVE	(2)8x32	3.56	N/S	2.5" PT		0.125	SCHEDULE A, BLOCK 8200
					D3-101	N Valley ST	(2)8x38	4.22	E/W		0.125		SCHEDULE A, BLOCK 500
					R1-1	STOP	30x30	6.25	N			0.125	SCHEDULE A
	21	8	19+64.00	RT	D3-101	Valley ST	(2)8x32	3.56	E/W	2.5" PT		0.125	SCHEDULE A, BLOCK 600
					R1-1	STOP	30x30	6.25	S			0.125	SCHEDULE A
	21	9	19+89.00	RT	R2-1	SPEED LIMIT 20	24x30	5.00	W	–		0.125	SCHEDULE A, ON LIGHT POLE
	21	10	19+99.00	LT	SPECIAL	RAISED CROSSWALK AHEAD	30x30	6.25	E	2.5" PT		0.125	SCHEDULE A

SIGNING NOTES

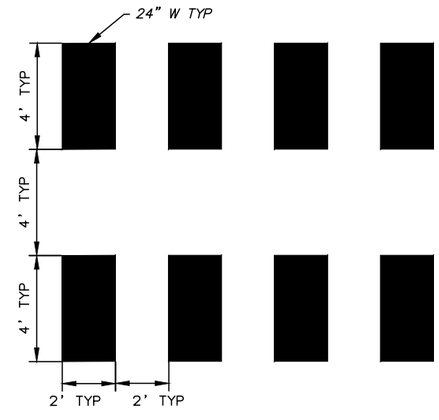
1. THE LETTERING FOR NAMES OF STREETS ON STREET NAME SIGNS SHALL BE COMPOSED OF A COMBINATION OF LOWER-CASE LETTERS WITH INITIAL UPPER-CASE LETTERS I.A.W. M.U.T.C.D. SECTION 2D.43.
2. PT = PERFORATED TUBE
3. THE CONTRACTOR SHALL ENSURE THAT 7-FT OF CLEARANCE IS PROVIDED BETWEEN THE BOTTOM OF THE SIGN AND THE SIDEWALK.

SIGN SALVAGE SUMMARY

SHEET NO.	STATION	OFFSET	REMARKS
21	12+24.16	25.9 LT	SPEED LIMIT 20MPH
21	19+14.69	30.9 LT	STOP, E 6TH AVE 8200, N VALLEY RD 500
21	19+65.27	32.8 RT	STOP, VALLEY ST 600
21	19+89.22	29.3 RT	SPEED LIMIT 20MPH
21	19+94.87	29.8 RT	NO PARKING ANY TIME



1/24 RAISED CROSSWALK MARKING
NTS



2/24 RAISED CROSSWALK STRIPING
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: _____
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: _____

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—
PLAN CHECK		

GRAPHIC SCALE 1 0 1 2 3

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

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AECL861
CONSULTANT

STATE OF ALASKA — REGISTERED PROFESSIONAL ENGINEER — NO. ######
SEAL

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MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT

20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: A

SIGN SUMMARY AND SALVAGE

SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 24 of 28

FILE NO.-

SIGN SUMMARY

S# SHEET NO.	POST NO.	STATION	OFFSET	TYPE	LEGEND	SIZE (IN x IN)	AREA FT²	SIGN FACES	POST SIZE (IN)	THICKNESS (IN) FRAMED	THICKNESS (IN) UNFRAMED	REMARKS
22	11	31+11.00	RT	W17-1	SPEED HUMP	30x30	6.25	S	2.5" PT		0.125	SCHEDULE B
				W16-7L		12x24	2.00	S			0.125	SCHEDULE B
22	12	31+11.00	LT	W17-1	SPEED HUMP	30x30	6.25	N	2.5" PT		0.125	SCHEDULE B
				W16-7L		12x24	2.00	N			0.125	SCHEDULE B
22	13	33+22.00	LT	R1-1	STOP	30x30	6.25	W	2.5" PT		0.125	SCHEDULE B
22	14	33+74.00	RT	D3-101	Cherry	(2)8x34	3.78	E/W	2.5" PT		0.125	SCHEDULE B, BLOCK 700
				D3-101	Rangeview	(2)8x46	5.11	N/S		0.125		SCHEDULE B, BLOCK 8500
				R1-1	STOP	30x30	6.25	E			0.125	SCHEDULE B
22	15	34+51.00	RT	S1-1		30x30	6.25	S	2.5" PT		0.125	SCHEDULE B
				W16-9	AHEAD	12x24	2.00	S			0.125	SCHEDULE B
22	16	35+88.00	LT	R2-1	SPEED LIMIT 20	24x30	5.00	N	2.5" PT		0.125	SCHEDULE B
				S5-2	END SCHOOL ZONE	24x30	5.00	N			0.125	SCHEDULE B
22	17	35+89.00	RT	S6-100	DRUG FREE SCHOOL ZONE	24x18	3.00	S	2.5" PT		0.125	SCHEDULE B
				R2-1	SPEED LIMIT 20	24x30	5.00	S			0.125	SCHEDULE B
23	18	36+63.00	RT	W17-1	SPEED HUMP	30x30	6.25	S	2.5" PT		0.125	SCHEDULE B.
				W16-7L		12x24	2.00	S			0.125	SCHEDULE B
23	19	36+63.00	LT	W17-1	SPEED HUMP	30x30	6.25	N	2.5" PT		0.125	SCHEDULE B
				W16-7L		12x24	2.00	N			0.125	SCHEDULE B

SIGN SUMMARY

S# SHEET NO.	POST NO.	STATION	OFFSET	TYPE	LEGEND	SIZE (IN x IN)	AREA FT²	SIGN FACES	POST SIZE (IN)	THICKNESS (IN) FRAMED	THICKNESS (IN) UNFRAMED	REMARKS
23	20	39+24.00	RT	D3-101	Cherry	(2)8x34	3.78	E/W	2.5" PT		0.125	SCHEDULE B, BLOCK 600
				D3-101	Kluane	(2)8x36	4.00	N/S			0.125	SCHEDULE B, BLOCK 8500
				R1-1	STOP	30x30	6.25	E			0.125	SCHEDULE B
23	21	41+26.00	RT	R1-1	STOP	30x30	6.25	S	2.5" PT		0.125	SCHEDULE B
				W16-9	ALL WAY	6X18	0.75	S			0.125	SCHEDULE B

SIGN SALVAGE SUMMARY

SHEET NO.	STATION	OFFSET	REMARKS
22	33+24.58	26.9 LT	STOP
22	33+75.72	30.3 RT	STOP, CHERRY ST 700, RANGEVIEW AVE 8500
22	34+50.53	24.4 RT	SCHOOL SIGN, AHEAD
22	35+88.41	22.2 LT	SPEED LIMIT 20MPH, END SCHOOL ZONE
22	35+89.34	24.6 RT	DRUG FREE SCHOOL ZONE, SPEED LIMIT 20MPH
23	39+24.51	30.9 RT	STOP, CHERRY ST 600, KLUANE AVE 8500
23	41+23.50	25.6 RT	STOP, ALL WAY

RECORD DRAWING

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

DATA	DRAWN BY	CHECKED BY
BASE	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC 1 0 1 2 3 SCALE

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

HDL ENGINEERING Consultants
- CIVIL ENGINEERING
- SURVEYING
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MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT

20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING SCHED: B

SIGN SUMMARY AND SALVAGE

SCALE HOR. NTS VER. NTS | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 25 of 28

FILE NO.-

ELECTRICAL LEGEND

EXISTING	PROPSED	
○☼	○☼	ELECTROLIER
⊟	▬	TYPE 1A JUNCTION BOX
⧄	◪	TYPE 2 JUNCTION BOX
⊠	⊠	LOAD CENTER
(2") — — —	(2") ———	UNDERGROUND CONDUIT
X/Y	X/Y	CIRCUIT BREAKER
(M)	(M)	WATTHOUR METER

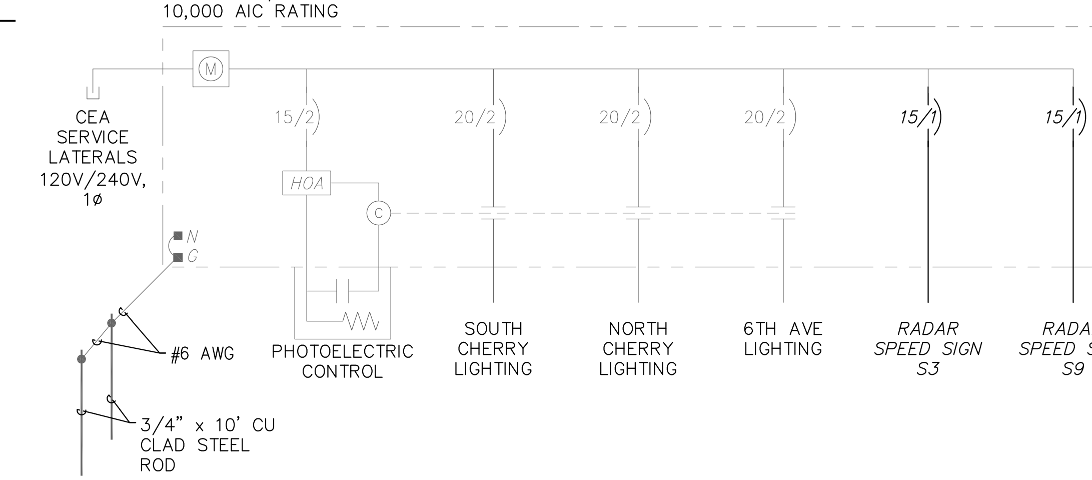
ABBREVIATIONS

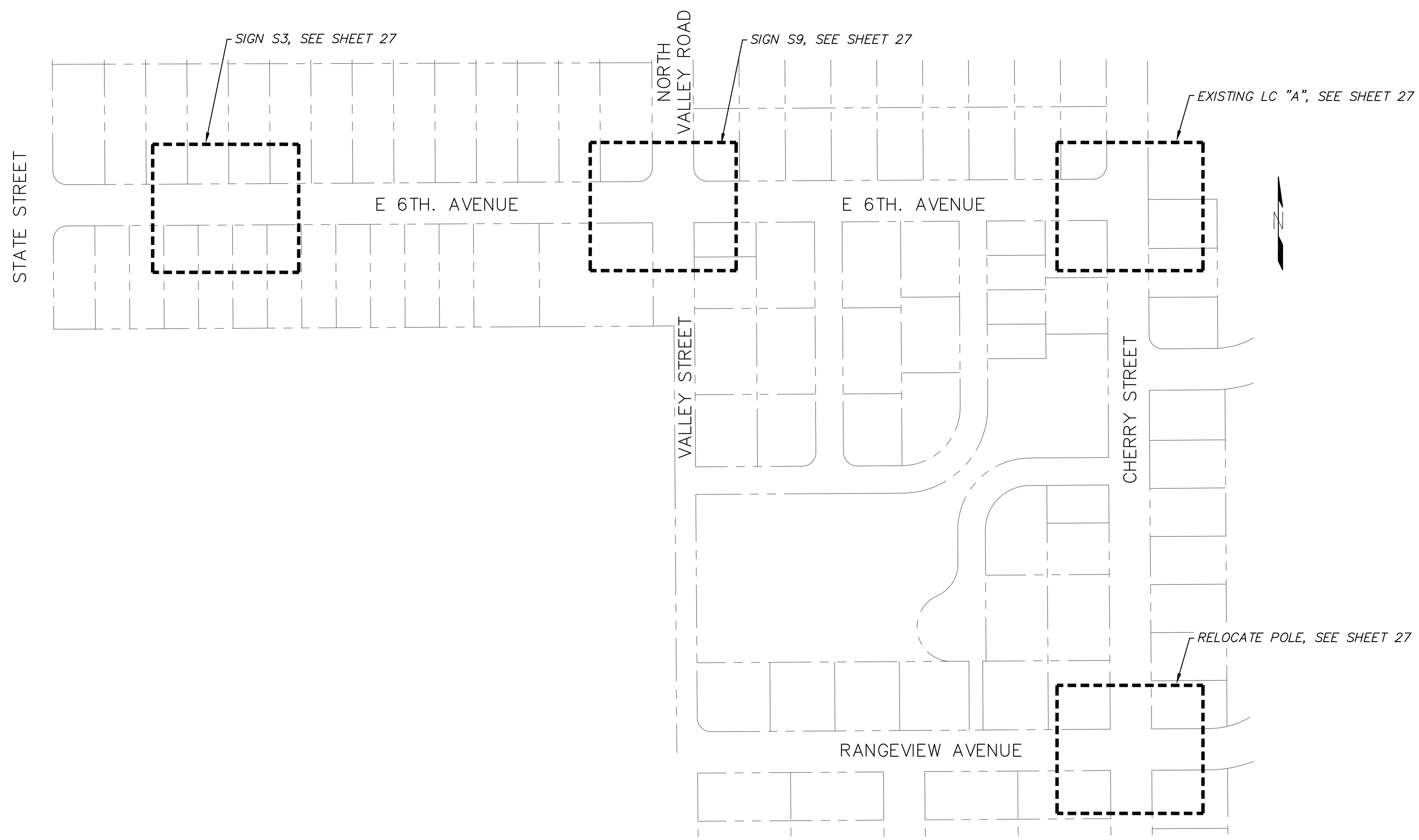
A	AMPERE
BCU	BARE COPPER
C	CONDUIT
CEA	CHUGACH ELECTRIC ASSOCIATION
CKT	CIRCUIT
CU	COPPER
G	GROUND CONDUCTOR
I.A.W.	IN ACCORDANCE WITH
KVA	KILO-VOLT-AMPERES
M.A.S.S.	MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS
RMC	(GALVANIZED) RIGID METAL CONDUIT
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLTS
W	WATTS

GENERAL ELECTRICAL NOTES

1. CALL BEFORE YOU DIG. HAVE ALL UTILITIES, PROPERTY LINES AND EASEMENTS LOCATED PRIOR TO STARTING WORK. IMMEDIATELY NOTIFY THE ENGINEER IN THE EVENT OF CONFLICTS.
2. ELECTRICAL IMPROVEMENTS ARE NOT PERMITTED TO BE INSTALLED OUTSIDE OF THE RIGHT-OF-WAY. IMMEDIATELY NOTIFY THE ENGINEER IN THE EVENT OF CONFLICTS.
3. CONDUIT RUNS SHALL BE RMC UNLESS OTHERWISE NOTED.
4. POTHOLE ALL POLE FOUNDATION LOCATIONS PRIOR TO INSTALLATION.
5. MOA TRAFFIC DEPARTMENT TO BE ONSITE FOR RADAR SPEED SIGN INSTALLATIONS. CONTACT MOA TRAFFIC DEPARTMENT (907-343-8053 OR 907-343-8421) 7 WORKING DAYS PRIOR TO RADAR SPEED SIGN INSTALLATIONS. PROVIDE MOA TRAFFIC DEPARTMENT 24 HOUR NOTICE PRIOR TO ACTUAL INSTALLATIONS.

EXISTING LC "A": TYPE 2 LOAD CENTER
100A, 120V/240V, 1ø
10,000 AIC RATING





VOLTAGE DROP CALCULATION – LC "A"

1-PH, 3 WIRE CONFIGURATION WITH A POWER-FACTOR OF 0.9, 1 COPPER CONDUCTOR PER PHASE IN RMC.

CKT #	SEGMENT SIZE (AWG)	SEGMENT LENGTH (FT)	VOLT	LOAD (KVA)	TOTAL (AMPS)	SEG. (%VD)
10	#10	1,470	120	0.1	0.8	2.45
12	#10	650	120	0.1	0.8	1.08

SUMMARY OF EXISTING LOAD CENTER "A"

LOAD CENTER TYPE:	TYPE 2 (MOA)
SERVING UTILITY:	CHUGACH ELECTRIC ASSOCIATION
SERVICE CONDUIT TYPE:	RIGID METAL CONDUIT
LOCATION DATA	
LOAD CENTER:	6TH AVENUE AND CHERRY STREET
POWER SOURCE:	EXISTING
PHOTOELECTRIC CONTROL:	AT LOAD CENTER
SERVICE VOLTAGE:	120/240V, 1-PHASE, 3-WIRE
PROVIDE METER SOCKET:	EXISTING
MAIN BREAKER:	240V, 100A, 2-POLE
CONTACTOR:	EXISTING
AIC RATING:	10,000A

PANEL A

POLE	AMP TRIP	DESCRIPTION	POLE KVA	Aø	Bø	POLE KVA	DESCRIPTION	AMP TRIP	POLE
1	15/2	PE CONTROL	0.1	0.6		0.5	NORTH CHERRY LIGHTING*	20/2	2
3			0.1		0.6	0.5			4
5	20/2	SOUTH CHERRY LIGHTING*	0.3	0.8		0.5	6TH AVE LIGHTING*	20/2	6
7			0.3		0.8	0.5			8
9			0.0	0.1		0.1	*RADAR SPEED SIGN S3*	*15/1*	10
11			0.0		0.1	0.1	*RADAR SPEED SIGN S9*	*15/1*	12
13			0.0	0.0		0.0			14
15			0.0		0.0	0.0			16
17			0.0	0.0		0.0			18
* = THROUGH CONTACTOR				1.5	1.5		TOTAL PANEL A KVA		3.0
ITALIC = NEW CIRCUIT BREAKER							AMPS		12.5

RECORD DRAWING
1. DATA PROVIDED BY: ____ TITLE: ____
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CONTRACTOR: ____
BY: ____ TITLE: ____ DATE: ____
2. DATA TRANSFERRED BY: ____ TITLE: ____
COMPANY: ____ DATE: ____
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DATA TRANSFER CHECKED BY: ____ TITLE: ____
COMPANY: ____ DATE: ____
BY: ____

DATA	DRAWN BY	CHECKED BY
BASE	–	–
TOPOGRAPHY	–	–
PROFILE	–	–
STORM SEWER	–	–
WATER/SANITARY SEWER	–	–
GAS	–	–
TELEPHONE	–	–
ELECTRIC	–	–
DESIGN	–	–
QUANTITIES	–	–
PRELIMINARY/FINAL	–	–
MUNICIPAL/STATE	–	–
PLAN CHECK		

GRAPHIC SCALE 100 0 100 200 300

FIELD BOOKS	
DESIGN	
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	
CONSTRUCTION RECORD	

TBM NO.	LOCATION	ELEV.
BASIS OF THIS DATUM		
VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

EDC, INC.
213 W. FIREWEED LANE
ANCHORAGE, AK 99503
(907) 276-7933
LICENSE NO. AECC705
CONSULTANT

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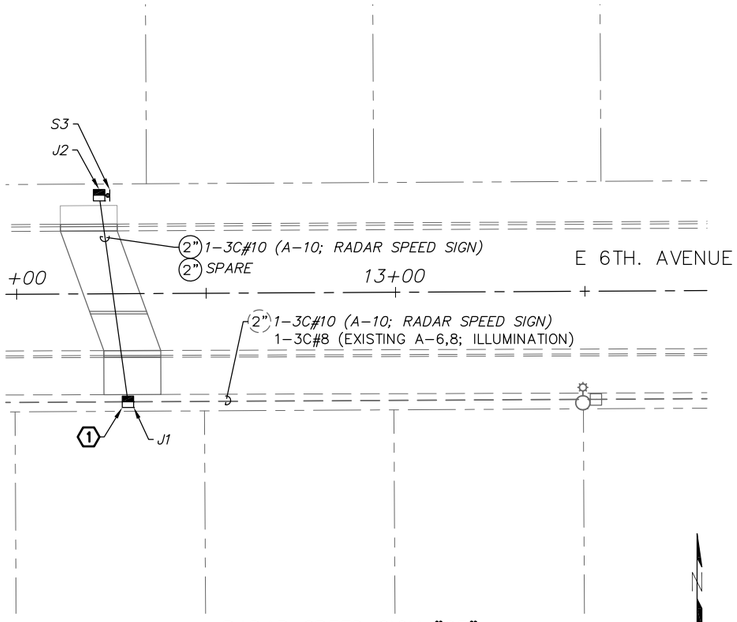
TRAFFIC ENGINEERING DEPARTMENT

20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING

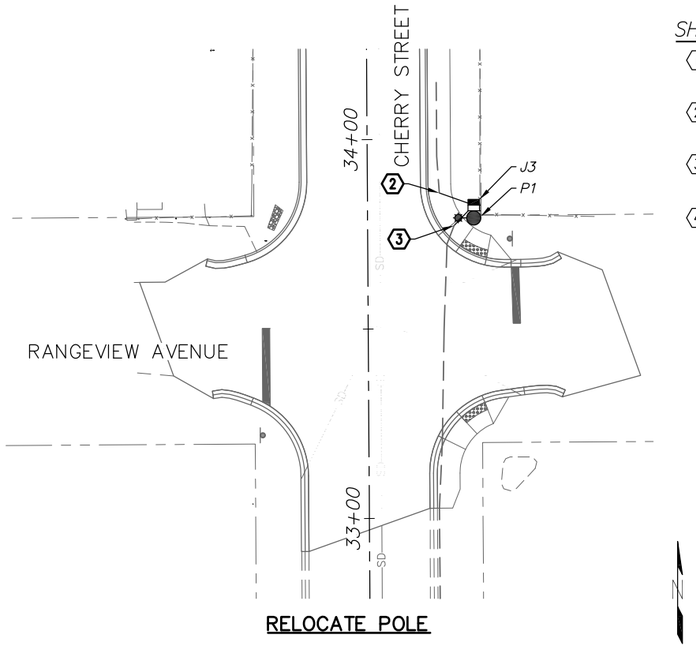
ELECTRICAL LEGEND, ABBREVIATIONS, AND SITE PLAN

SCALE	HOR. 1:100 VER. N/A	GRID SW1241, SW1341	DATE JAN, 2021	STATUS	SHEET 26 of 28

FILE NO.–



RADAR SPEED SIGN "S3"



RELOCATE POLE

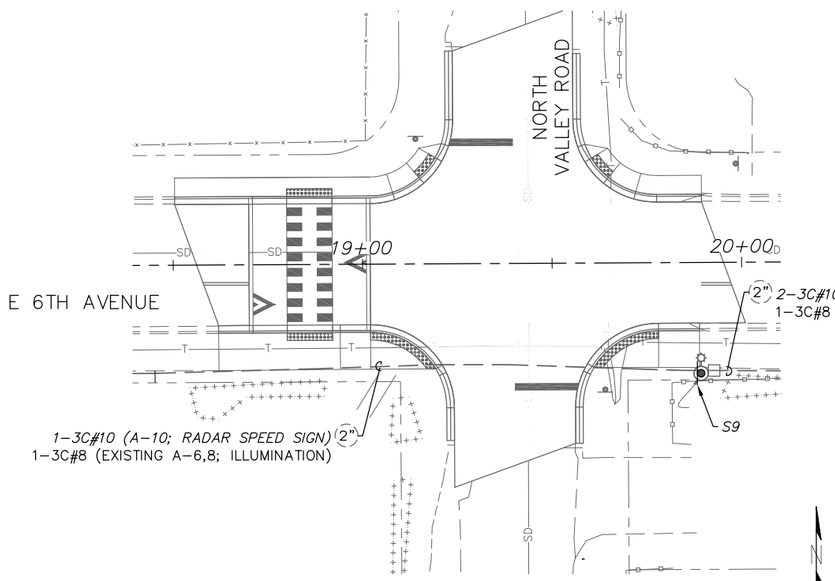
SHEET NOTES

1. LOCATE EXISTING UNDERGROUND CONDUIT. REMOVE EXISTING 3C#8 CABLE AND CUT CONDUIT. ADD NEW CONDUIT SECTIONS AND ELBOWS AS NECESSARY TO EXTEND RACEWAY TO J-BOX. INSTALL NEW CABLE BETWEEN ELECTROLIERS TO THE EAST AND WEST, TOTAL LENGTH IS APPROXIMATELY 250 LINEAR FEET.
2. LOCATE EXISTING UNDERGROUND CONDUIT. REMOVE EXISTING 3C#8 CABLE AND CUT CONDUIT. ADD NEW CONDUIT SECTIONS AND ELBOWS AS NECESSARY TO EXTEND RACEWAY TO J-BOX. INSTALL NEW CABLE TO ELECTROLIER TO THE NORTH, TOTAL LENGTH IS APPROXIMATELY 215 LINEAR FEET.
3. LOCATE EXISTING UNDERGROUND CONDUIT. REMOVE EXISTING 3C#8 CABLE AND CUT CONDUIT. ADD NEW CONDUIT SECTIONS AND ELBOWS AS NECESSARY TO EXTEND RACEWAY TO J-BOX. INSTALL NEW CABLE TO ELECTROLIER TO THE SOUTH, TOTAL LENGTH IS APPROXIMATELY 155' LINEAR FEET.
4. RELOCATED POLE, PROVIDE A DRIVEN PILE FOUNDATION WITH FIXED BASE PILE CAP. DEMOLISH EXISTING FOUNDATION AND J-BOX IN ACCORDANCE WITH M.A.S.S. AND THE SPECIAL PROVISIONS.

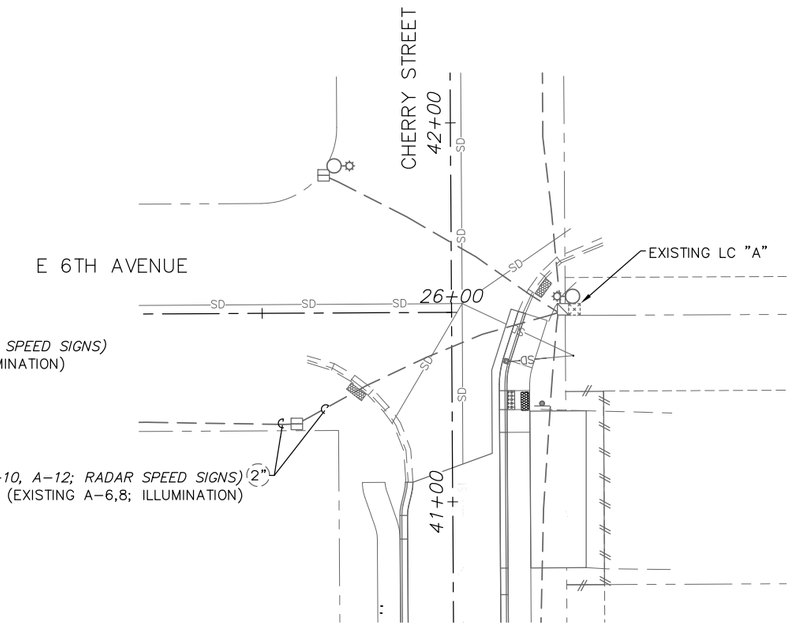
SALVAGE POLE SCHEDULE			
#	STATION	OFFSET	REMARKS
XP1	33+79.2	25.0' RT	

RELOCATE POLE SCHEDULE			
#	STATION	OFFSET	REMARKS
P1	33+79.2	28.0' RT	

RADAR SIGN SCHEDULE			
#	STATION	OFFSET	REMARKS
S3	12+24.2	26.0' LT	NEW RADAR SPEED SIGN MOUNTED ON NEW 10' POST
S9	19+89.2	29.3' RT	NEW RADAR SPEED SIGN MOUNTED ON EXISTING ELECTROLIER



RADAR SPEED SIGN "S9"



LOAD CENTER "A"

DEMOLISH JUNCTION BOX SCHEDULE				
J-BOX	STATION	OFFSET	TYPE	REMARKS
XJ1	33+78.9	22.8' RT	1A	

JUNCTION BOX SCHEDULE				
J-BOX	STATION	OFFSET	TYPE	REMARKS
J1	12+29.2	28.5' RT	1A	
J2	12+21.9	26.0' LT	1A	
J3	33+82.5	28.0' RT	1A	

LOAD CENTER SCHEDULE			
#	STATION	OFFSET	REMARKS
LC "A"	41+50.6	32.5' RT	EXISTING LOAD CENTER

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   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	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

PLAN CHECK

GRAPHIC SCALE 20 0 20 40 60

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

EDC, INC.
213 W. FIREWEED LANE
ANCHORAGE, AK 99503
(907) 278-7533
LICENSE NO. ABCC705

CONSULTANT

STATE OF ALASKA — 12TH — ENGINEER — REGISTERED PROFESSIONAL ENGINEER

CONSTRUCTION

SEAL

MUNICIPALITY OF ANCHORAGE

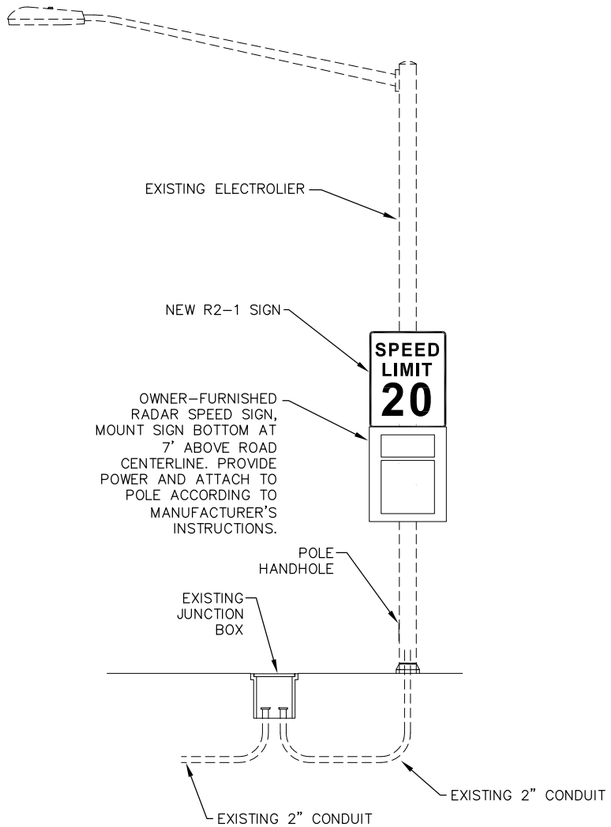
TRAFFIC ENGINEERING DEPARTMENT

20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING

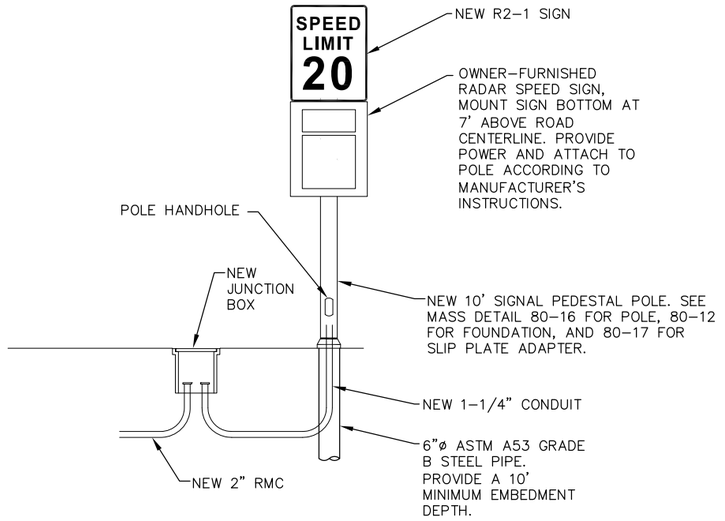
ELECTRICAL PLANS

SCALE HOR. 1:20 VER. N/A | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 27 of 28

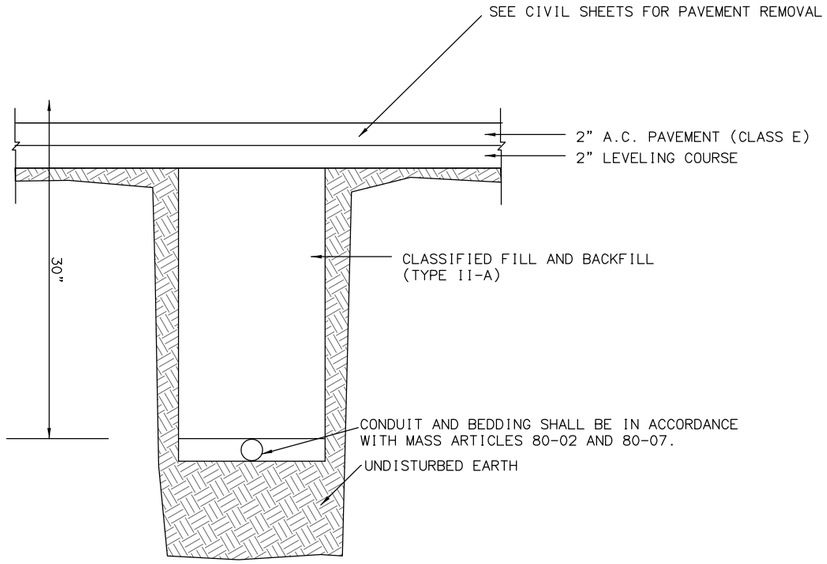
FILE NO.-



RADAR SPEED SIGN "S9" INSTALLATION DETAILS



RADAR SPEED SIGN "S3" INSTALLATION DETAILS



TRENCH DETAIL

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	—	—
TOPOGRAPHY	—	—
PROFILE	—	—
STORM SEWER	—	—
WATER/SANITARY SEWER	—	—
GAS	—	—
TELEPHONE	—	—
ELECTRIC	—	—
DESIGN	—	—
QUANTITIES	—	—
PRELIMINARY/FINAL	—	—
MUNICIPAL/STATE	—	—

CONSTRUCTION RECORD

FIELD BOOKS	TBM NO.	LOCATION	ELEV.
DESIGN			
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

EDC, INC.
213 W. FIREWEED LANE
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CONSULTANT

STATE OF ALASKA — REGISTERED PROFESSIONAL ENGINEER — ENGINEER — No. 11111 — CONSTRUCTION

SEAL

MUNICIPALITY OF ANCHORAGE

TRAFFIC ENGINEERING DEPARTMENT

20-31 E. 6TH AVENUE AND CHERRY STREET TRAFFIC CALMING

ELECTRICAL DETAILS

SCALE HOR. N/A VER. N/A | GRID SW1241, SW1341 | DATE JAN, 2021 | STATUS | SHEET 28 of 28

FILE NO.-