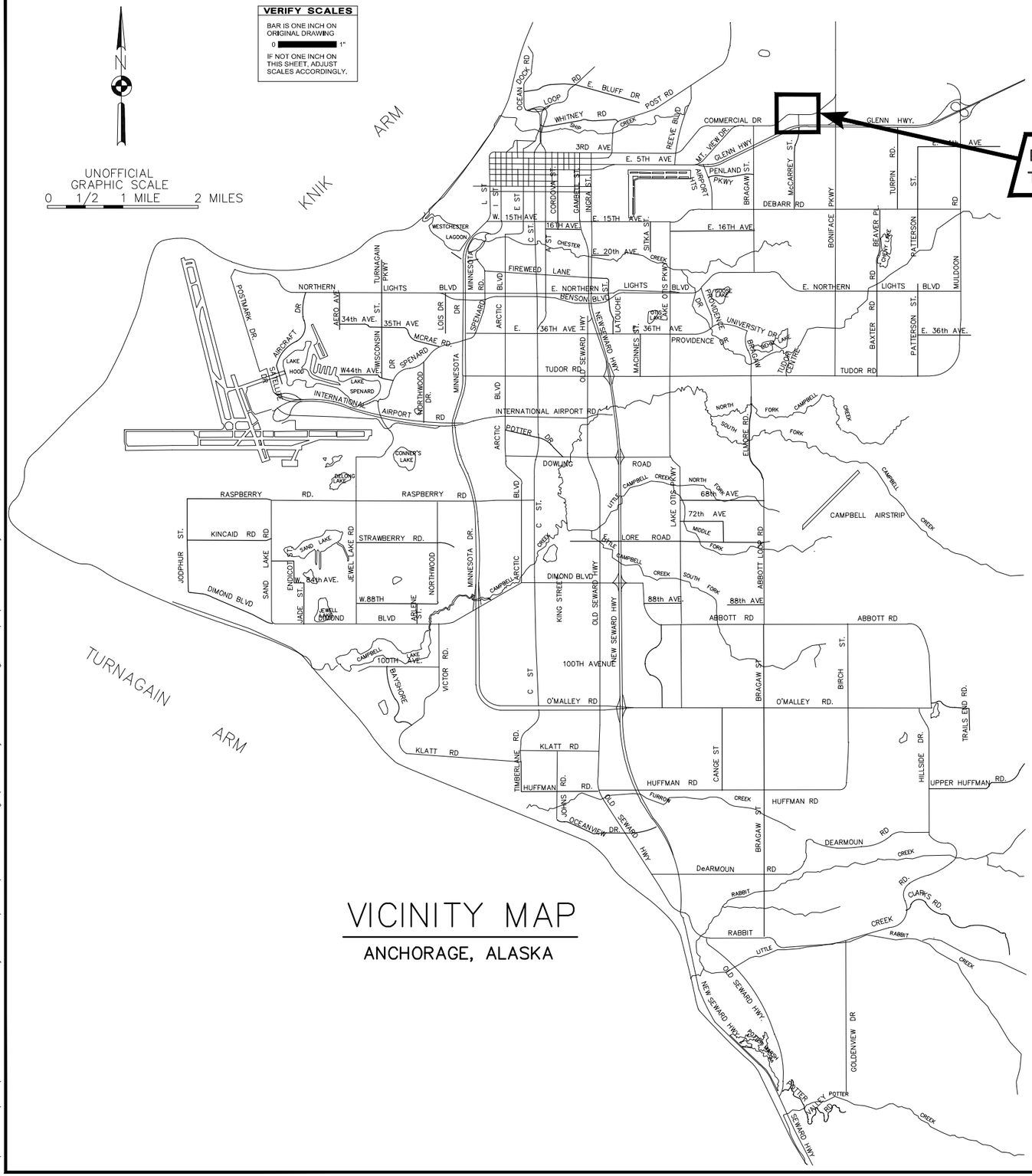


VICINITY MAP

ANCHORAGE, ALASKA

ANCHORAGE ALASKA

MUNICIPALITY OF ANCHORAGE
PROJECT MANAGEMENT AND ENGINEERING DIVISION

MT. VIEW DRIVE / MCCARREY STREET INTERSECTION AND SAFETY IMPROVEMENTS
PROJECT NO. 10-12

PREPARED BY:

Kinney Engineering, LLC

750 W. DIMOND BLVD,
SUITE 203,
ANCHORAGE ALASKA 99515

PHONE: (907) 346-2373
FAX: (907) 349-7496

APPROVED BY:

Daniel A Sullivan

DANIEL SULLIVAN
MAYOR

J.W. HANSEN
DEPUTY DIRECTOR
PROJECT MANAGEMENT & ENGINEERING

FILE NO.–

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\1_McCarrey Cover Sheet.dwg, 1:2, 5/14/14 at 11:37 by JAKE.KRONBERG

GENERAL NOTES:

1. CONTRACTOR SHALL COMPLETE CONSTRUCTION IN ACCORDANCE WITH THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS, STREETS–DRAINAGE–UTILITIES–PARKS, DATED 2009, REVISION 2, HEREAFTER REFERRED TO AS M.A.S.S., AS AMENDED BY THE SPECIAL PROVISIONS.

2. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. THE PERMITS SHALL BE MAINTAINED AT THE JOB SITE. A STATE OF ALASKA R.O.W. PERMIT IS ALSO REQUIRED FOR THIS WORK.

3. STATIONING IS R.O.W. CENTERLINE, UNLESS NOTED OTHERWISE (U.N.O.). DIMENSIONS AND ELEVATIONS ARE TO TOP BACK OF CURB (TBC), UNLESS NOTED OTHERWISE. HORIZONTAL AND VERTICAL ALIGNMENT FOR CURBS ARE AT PAVEMENT EDGE AND/OR LIP OF CURB, AS NOTED.

4. 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 CONSTRUCTION SURVEY. THE CONTRACTOR SHALL MAINTAIN THE "REDLINES" CURRENT ON A DAILY BASIS WHICH SHALL BE AVAILABLE TO THE ENGINEER FOR INSPECTION ON THE JOB SITE. CONTRACTOR SHALL RECORD SURVEY NOTES AND SUBMIT DAILY TO THE ENGINEER.

5. 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.

6. CONSTRUCTION OPERATIONS REQUIRED FOR THIS PROJECT SHALL REMAIN WITHIN EXISTING M.O.A. AND STATE OF ALASKA RIGHTS–OF–WAY AND EASEMENTS, UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER AND THE AFFECTED PROPERTY OWNER.

7. 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.

8. UTILITY CROSSINGS IN THE PROFILE ARE SHOWN AT AN ASSUMED DEPTH. EXACT LOCATION AND DEPTHS ARE UNKNOWN.

9. UNDERGROUND ELECTRICAL AND TELECOMMUNICATION LINES OCCUR WITHIN THE PROJECT AREA; CONTRACTOR SHALL COORDINATE WORK ACCORDINGLY. ALL WORK IN CLOSE PROXIMITY TO EXISTING UNDER–GROUND 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.

10. 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. SAW CUTTING OF EXISTING PAVEMENT IS INCIDENTAL TO THE BID ITEM "REMOVE PAVEMENT", AND NO SEPARATE PAYMENT SHALL BE MADE. SAWCUTS WITHIN ROADWAY SHALL BE SKEWED AT AN ANGLE OF 15–25 DEGREES WHERE MATCHING EXISTING ASPHALT, PER M.A.S.S. SECTION 40.06.

11. CONTRACTOR SHALL APPLY TACK COAT TO THE SAW CUT ASPHALT FACE PRIOR TO PAVING. 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.

12. CONTRACTOR SHALL MAINTAIN STOP SIGNS AND STREET NAME SIGNS OPERATIONAL IN THE PROJECT AREA DURING CONSTRUCTION.

13. LIMITS OF EXCAVATION AND BACKFILL SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

14. 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.

15. 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.

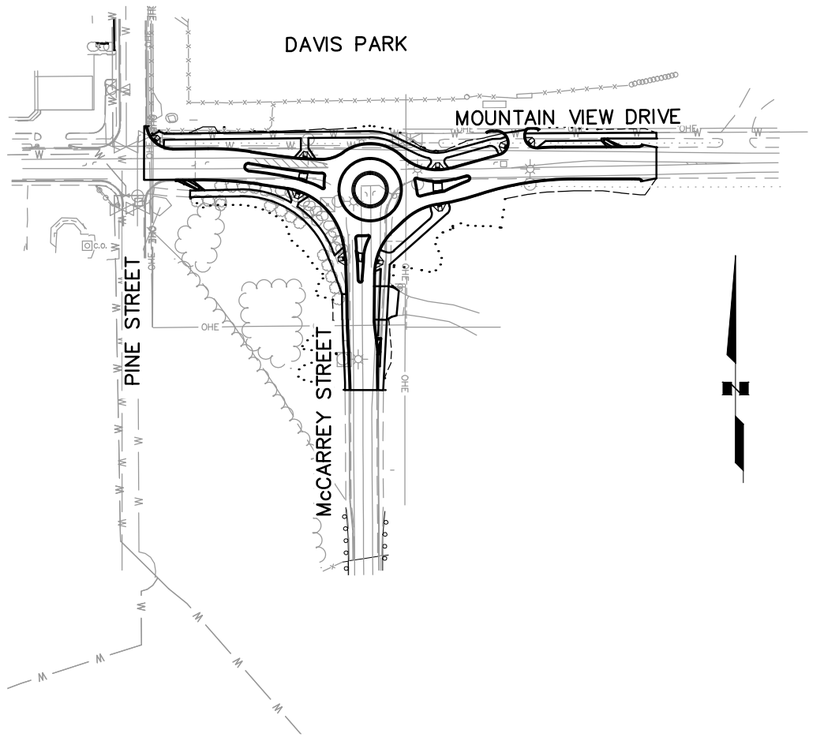
16. CONTRACTOR SHALL REPLACE ALL DISTURBED PROPERTY CORNERS IN ACCORDANCE WITH M.A.S.S. SECTION 65.02 CONSTRUCTION SURVEYING, ARTICLE 2.1 PROJECT CONTROL. PAYMENT FOR REPLACING DISTURBED PROPERTY CORNERS IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.

17. CONTRACTOR SHALL TOPSOIL AND SEED ALL DISTURBED AREAS WHERE OTHER SURFACE IS NOT SPECIFIED, INCLUDING CUT AND FILL SLOPES. SEE SHEET 31 FOR SCHEDULE AND DEPTHS.

18. CONTRACTOR SHALL RESTORE DISTURBED PROPERTY TO PRECONSTRUCTION CONDITION(S), UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR RESTORING DISTURBED PROPERTY IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.

19. SOILS INFORMATION PROVIDED ON THE DRAWINGS IS FROM SOIL INVESTIGATIONS BY SHANNON & WILSON, INC. IN NOVEMBER 2013.

20. WATER RESULTING FROM THE CONTRACTOR'S DEWATERING EFFORT MAY NOT BE PUMPED OR OTHERWISE DIVERTED INTO EXISTING STORM DRAINS UNLESS REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO, THE ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION ARE OBTAINED BY CONTRACTOR. UNDER NO CIRCUMSTANCES WILL CONTRACTOR BE ALLOWED TO DIVERT WATER FROM THE EXCAVATION ONTO ROADWAYS. CONTRACTOR SHALL PROVIDE DISPOSAL SITE FOR EXCESS WATER AND SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS. CONTRACTOR SHALL PROVIDE COPIES OF PERMITS AND APPROVALS TO THE MOA R.O.W. PERMIT OFFICE.



KEY MAP

DRAWING INDEX

STORM DRAIN NOTES:

1. CONTRACTOR SHALL DELIVER REMOVED GRATES, FRAMES, SALVAGEABLE MANHOLES AND CATCH BASINS, GRADE RINGS, CONES, LADDERS, AND OTHER ITEMS AS DETERMINED BY THE ENGINEER TO THE MOA KLOEP STATION MAINTENANCE YARD AT 5701 NORTHWOOD DRIVE. CONTRACTOR SHALL CALL STREET MAINTENANCE AT 343–8277 TO COORDINATE DELIVERY. THIS WORK IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE.

2. CONTRACTOR SHALL FURNISH & INSTALL INSULATION BOARD (R–20) BETWEEN THE STORM DRAIN IMPROVEMENTS AND THE WATER & SANITARY SEWER UTILITIES, WHEN HORIZONTAL OR VERTICAL CLEARANCE IS LESS THAN THREE (3) FEET, FROM OUTSIDE OF STORM DRAIN PIPE (OR MANHOLE) TO OUTSIDE OF WATER AND SANITARY SEWER UTILITIES; HORIZONTAL OR VERTICAL SEPARATION BETWEEN STORM DRAIN AND WATER LINES SHALL NOT BE LESS THAN 18". ALL INSULATION SHALL BE RIGID BOARD, HIGH DENSITY EXTRUDED POLYSTYRENE, MIN. 60 P.S.I. FOR UNDERGROUND INSTALLATIONS EQUIVALENT TO R–20 PER FOUR (4) INCH THICK INSULATION. INSTALL INSULATION PER I.A.W. M.A.S.S. STD. DTL. 20–9 PIPE INSULATION.

3. PLACE STORM DRAIN PIPE JOINTS AT LEAST 10 FEET FROM WATERLINE CROSSING(S).

STORM WATER POLUTION PREVENTION PLAN NOTES:

1. 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 WATER WAYS.

2. PROJECT WILL REQUIRE A TYPE 3 SWPPP PER M.A.S.S. 20.02.

3. NATURAL VEGETATION SHOULD BE PRESERVED WHEREVER PRACTICAL.

1. DATA PROVIDED BY: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____
COMPANY: _____ DATE: _____
3. DATA TRANSFER CHECKED BY: _____
BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION). THE CONTRACTOR–PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
BY: _____ TITLE: _____
COMPANY: _____ DATE: _____

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 100 0 100 200 300 IN FEET

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD, SUITE 203,
ANCHORAGE ALASKA 99515
PHONE: (907) 346–2373
FAX: (907) 349–7496

CONSULTANT

STATE OF ALASKA 5/29/14 REVIEW PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

KEY MAP, NOTES AND DRAWING INDEX

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 2 of 39

LEGEND

PLAN

EXISTING	PROPOSED	
		EASEMENT LINE
		CENTERLINE
		CONSTRUCTION CENTERLINE
		PROPERTY LINE
		EDGE OF PAVEMENT
	TCP	TEMPORARY CONSTRUCTION PERMIT
		GRAVEL ROADWAY OR DRIVEWAY
X	X	FENCE
E	E	UNDERGROUND ELECTRIC LINE
FO		UNDERGROUND FIBER OPTIC LINE
G		UNDERGROUND GAS LINE
S	S	UNDERGROUND SANITARY SEWER LINE
SD	SD	UNDERGROUND STORM DRAIN OR SUBDRAIN LINE
		PERFORATED SUBDRAIN PIPE
FD	FD	FOOTING DRAIN SERVICE
T		UNDERGROUND TELEPHONE LINE
TV		UNDERGROUND TELEVISION LINE
TR		UNDERGROUND TRAFFIC LINE
W	W	UNDERGROUND WATER LINE
OE		ELECTRIC LINE (OVERHEAD)
OT		TELEPHONE LINE (OVERHEAD)
		TREE LINE
		RETAINING WALL

SEE SHEET 28 FOR SUPPLIMENTERY LIGHTING LEGEND

E	T	SMALL ELECTRICAL/ TELEPHONE MANHOLE
E	T	LARGE ELECTRICAL/ TELEPHONE MANHOLE
J		JUNCTION BOX (TRAFFIC)
C		CABLE TV JUNCTION BOX
		TREE C (Conifer)
		TREE D (Deciduous)
G.M.		GAS METER
U.E.		UNDERGROUND ELECTRIC PEDESTAL
U.T.		UNDERGROUND TELEPHONE PEDESTAL
M.B.	M.B.	MAILBOX
		BRASS CAP MONUMENT
		ALUMINUM CAP MONUMENT
I.P.		IRON PIN OR REBAR
		TEMP. BENCH MARK
		GAS VALVE
OEM	EM	ELECTRIC METER
		GUY ANCHOR
G.P.	G.P.	GUY POLE
L.P.	L.P.	LIGHT POLE
P.P.	P.P.	POWER POLE
T.P.	T.P.	TELEPHONE POLE
		LIGHT POLE
		TRAFFIC SIGNAL POLE
		LIGHT POLE WITH JUNCTION BOX
		FIRE HYDRANT
		STREET SIGNS
		STORM DRAIN MANHOLE
		CATCH BASIN
		SANITARY SEWER MANHOLE
		STORM DRAIN CATCH BASIN MANHOLE
C.O.	C.O.	SANITARY SEWER CLEANOUT
	(SIZE)	SEWER SERVICE CONNECT
		DRYWELL
		KEY BOX/WATER VALVE
		CULVERT
		CURB AND GUTTER
		DITCH
		BUILDING
25		RADIUS TO TOP BACK OF CURB

PLAN (CONT.)

EXISTING	PROPOSED	
		P.C.C. CONCRETE
		CONCRETE TO BE REMOVED
		PAVEMENT TO BE REMOVED
		PAVEMENT
		BRICK SURFACING
		GRUBBING LIMITS
		VALLEY GUTTER
		AC SWALE
		DRAINAGE ARROW
		BOLLARD
		CURB RAMP
		TEST BORING OR TEST HOLE
240	240	CONTOURS
		CUT LIMIT
		FILL LIMIT

PROFILE

EXISTING	PROPOSED	
		℄
		NORTH OR WEST PROPERTY LINE
		SOUTH OR EAST PROPERTY LINE
		PIPE
		MANHOLE (PAVING PROFILE ONLY)
		CATCH BASIN OR CATCH BASIN MANHOLE (PAVING PROFILE ONLY)
	0.00%	GRADE AT ℄ OF PAVEMENT
		SANITARY SEWER LINE AND MANHOLE
	0.0% 0.0%	STORM DRAIN LINE AND STORM DRAIN MANHOLE
		INSULATION BOARD

GW	WELL GRADED GRAVEL	LIQUID LIMIT LESS THAN 50	ML INORGANIC SILT
GP	POORLY GRADED GRAVEL		CL INORGANIC CLAY
GM	SILTY GRAVEL		OL ORGANIC SILT
GC	CLAYEY GRAVEL	LIQUID LIMIT GREATER THAN 50	MH INORGANIC SILT
SW	WELL GRADED SAND		CH INORGANIC CLAY
SP	POORLY GRADED SAND		OH ORGANIC CLAY
SM	SILTY SAND		PT PEAT
SC	CLAYEY SAND		
0.0	% PASSING 200		WATER LEVEL
			TEST HOLE LOCATION

ABBREVIATIONS

A.C.	ASPHALTIC CEMENT
ADA	AMERICANS WITH DISABILITIES ACT OF 1990
ADOT&PF	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
AFD	ANCHORAGE FIRE DEPARTMENT
A.S.A.P.	AS STEEP AS PRACTICAL
BFM	SOIL STABILIZATION (BONDED FIBER MATRIX)
B.O.P.	BEGINNING OF PROJECT / BOTTOM OF PIPE
BM	BENCH MARK
B.R. #	BIKE RAMP NUMBER
B.V.	BUTTERFLY VALVE
C & G	CURB & GUTTER
CB	CATCH BASIN
CBMH	CATCH BASIN MANHOLE
CC	CURB CUT
℄	CENTERLINE
CONST.	CONSTRUCT
CH	CHORD, HORIZONTAL CURVE
CPEP	CORRUGATED POLYETHYLENE PIPE
C.R.#	CURB RAMP NUMBER
C.T.V.	CABLE TELEVISION
CU	COPPER
DIA./ø	DIAMETER
DIP	DUCTILE IRON PIPE
DTL.	DETAIL
D.W.	DETECTABLE WARNING PANELS
D/W	DRIVEWAY
D/W CC	DRIVEWAY CURB CUT
E.O.P.	END OF PROJECT / EDGE OF PAVEMENT
EP	EDGE OF PAVEMENT
EL/ELEV	ELEVATION
℄	EASEMENT LINE
EST.	ESTIMATED
EX.	EXISTING
EXP.	EXPANSION
F.C.	FACE OF CURB
F & I	FURNISH AND INSTALL
FIMH	FIELD INLET MANHOLE
F.G.	FINISHED GRADE
F.H.	FIRE HYDRANT
F & G	FRAME AND GRATE
℄	FLOW LINE
G.V.	GATE VALVE
HDPEP	HIGH DENSITY POLYETHYLENE PIPE
HOR.	HORIZONTAL
I.A.W.	IN ACCORDANCE WITH
INV.	INVERT
J.B.E.R.	JOINT BASE ELMENDORF–RICHARDSON
L.C.	LIP OF CURB
LOC	LOCATION
LT.	LEFT
M.A.S.S.	MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS, STREETS–DRAINAGE–UTILITIES–PARKS, 2009 REVISION 3, AS CURRENTLY AMENDED
MAX.	MAXIMUM
M.E.	MATCH EXISTING
M.H.	MANHOLE
MIL	MILLIMETER
MIN.	MINIMUM
MMA	METHYL METHACRYLATE
MOA	MUNICIPALITY OF ANCHORAGE
MON	MONUMENT
MSL	MEAN SEA LEVEL
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NWT	NO WATER TABLE ENCOUNTERED
O.C.	ON CENTER
OGS	OIL & GRIT SEPARATOR
OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
P.C.C.	PORTLAND CEMENT CONCRETE
P.C.	POINT OF CURVATURE
PCMP	PRECOATED CORRUGATED METAL PIPE
PED.	PEDESTRIAN
PGL	PROFILE GRADE LINE
℄	PROPERTY LINE
P.U.E.	PUBLIC USE EASEMENT
P.R.C.	POINT OF REVERSE CURVATURE
P.S.I.	POUNDS PER SQUARE INCH
P.S.T.	PERFORATED STEEL TUBE
P.T.	POINT OF TANGENCY
P.V.C.	POINT OF VERTICAL CURVE
P.V.I.	POINT OF VERTICAL INTERSECTION
PVM'T.	PAVEMENT
P.V.T.	POINT OF VERTICAL TANGENCY
R	RADIUS
R & R	REMOVE AND REPLACE / RELOCATE / RE–SET
R.A.P.	RECYCLED ASPHALT PAVEMENT
R.O.W.	RIGHT–OF–WAY
RT.	RIGHT
S	SANITARY SEWER
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
S.E.	SUPERELEVATION
S.I.	STREET INTERSECTION
S.P.	SPECIAL PROVISION
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD. DTL.	STANDARD DETAIL FOUND IN M.A.S.S.
ST	STREET
STR	STRUCTURE
S/W	SIDEWALK
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
TBC	TOP BACK OF CURB
T.B.	THRUST BLOCK
T.C.P.	TEMPORARY CONSTRUCTION PERMIT
U.N.O.	UNLESS NOTED OTHERWISE
V.B.	WATER VALVE BOX
VERT.	VERTICAL
W.T.	WATER TIGHT
(C)	CALCULATED
(30')	DIMENSION FROM RECORD DRAWINGS
(A/#)	DETAIL AND SHEET NUMBER FOR DETAIL

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

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD, SUITE 203,
ANCHORAGE ALASKA 99515
PHONE: (907) 346–2373
FAX: (907) 349–7496

CONSULTANT

STATE OF ALASKA — 5/29/14 — REVIEW — PROFESSIONAL ENGINEER

SEAL

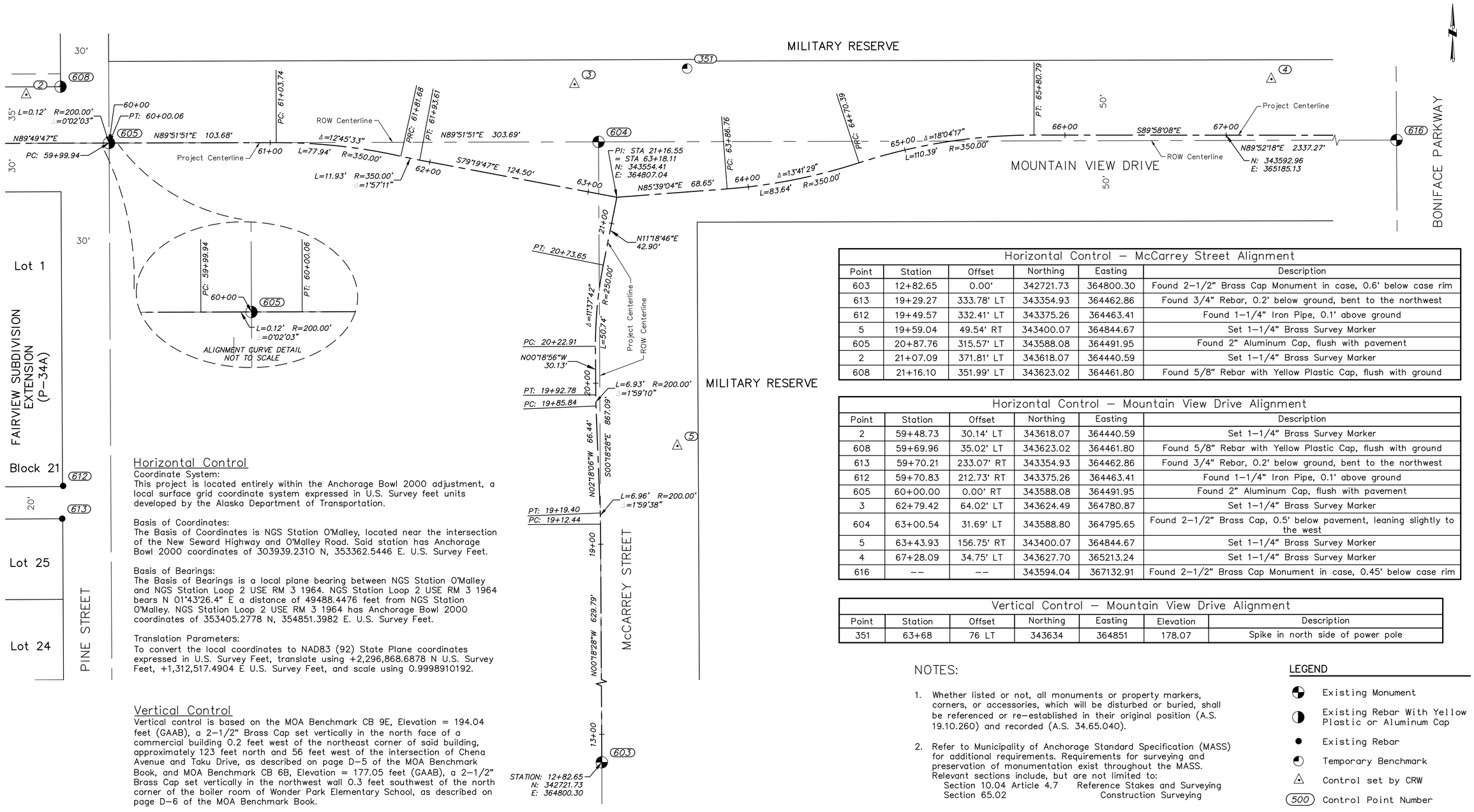
MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

LEGEND AND ABBREVIATIONS

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 3 of 39



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

Vertical control is based on the MOA Benchmark CB 9E, Elevation = 194.04 feet (GAAB), a 2-1/2" Brass Cap set vertically in the north face of a commercial building 0.2 feet west of the northeast corner of said building, approximately 123 feet north and 56 feet west of the intersection of Chena Avenue and Taku Drive, as described on page D-5 of the MOA Benchmark Book, and MOA Benchmark CB 6B, Elevation = 177.05 feet (GAAB), a 2-1/2" Brass Cap set vertically in the northwest wall 0.3 feet southwest of the north corner of the boiler room of Wonder Park Elementary School, as described on page D-6 of the MOA Benchmark Book.

Horizontal Control – McCarrey Street Alignment					
Point	Station	Offset	Northing	Easting	Description
603	12+82.65	0.00'	342721.73	364800.30	Found 2-1/2" Brass Cap Monument in case, 0.6' below case rim
613	19+29.27	333.78' LT	343354.93	364462.86	Found 3/4" Rebar, 0.2' below ground, bent to the northwest
612	19+49.57	332.41' LT	343375.26	364463.41	Found 1-1/4" Iron Pipe, 0.1' above ground
5	19+59.04	49.54' RT	343400.07	364844.67	Set 1-1/4" Brass Survey Marker
605	20+87.76	315.57' LT	343588.08	364491.95	Found 2" Aluminum Cap, flush with pavement
2	21+07.09	371.81' LT	343618.07	364440.59	Set 1-1/4" Brass Survey Marker
608	21+16.10	351.99' LT	343623.02	364461.80	Found 5/8" Rebar with Yellow Plastic Cap, flush with ground

Horizontal Control – Mountain View Drive Alignment					
Point	Station	Offset	Northing	Easting	Description
2	59+48.73	30.14' LT	343618.07	364440.59	Set 1-1/4" Brass Survey Marker
608	59+69.96	35.02' LT	343623.02	364461.80	Found 5/8" Rebar with Yellow Plastic Cap, flush with ground
613	59+70.21	233.07' RT	343354.93	364462.86	Found 3/4" Rebar, 0.2' below ground, bent to the northwest
612	59+70.83	212.73' RT	343375.26	364463.41	Found 1-1/4" Iron Pipe, 0.1' above ground
605	60+00.00	0.00' RT	343588.08	364491.95	Found 2" Aluminum Cap, flush with pavement
3	62+79.42	64.02' LT	343624.49	364780.87	Set 1-1/4" Brass Survey Marker
604	63+00.54	31.69' LT	343588.80	364795.65	Found 2-1/2" Brass Cap, 0.5' below pavement, leaning slightly to the west
5	63+43.93	156.75' RT	343400.07	364844.67	Set 1-1/4" Brass Survey Marker
4	67+28.09	34.75' LT	343627.70	365213.24	Set 1-1/4" Brass Survey Marker
616	--	--	343594.04	367132.91	Found 2-1/2" Brass Cap Monument in case, 0.45' below case rim

Vertical Control – Mountain View Drive Alignment						
Point	Station	Offset	Northing	Easting	Elevation	Description
351	63+68	76 LT	343634	364851	178.07	Spike in north side of power pole

NOTES:

1. Whether listed or not, all monuments or property markers, corners, or accessories, which will be disturbed or buried, shall be referenced or re-established in their original position (A.S. 19.10.260) and recorded (A.S. 34.65.040).
2. Refer to Municipality of Anchorage Standard Specification (MASS) for additional requirements. Requirements for surveying and preservation of monumentation exist throughout the MASS. Relevant sections include, but are not limited to:
   Section 10.04 Article 4.7 Reference Stakes and Surveying
   Section 65.02 Construction Surveying

LEGEND

- Existing Monument
- Existing Rebar With Yellow Plastic or Aluminum Cap
- Existing Rebar
- Temporary Benchmark
- Control set by CRW
- (500) Control Point Number

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

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	WHP	KE
TOPOGRAPHY	WHP	KE
PROFILE	KE	KE
STORM SEWER	WHP	KE
WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS
DESIGN: CRW FB# 80 Pages 10-11
CRW FB# 102 Pages 1-22
STAKING:
ASBUILT:
CONTRACTOR:
INSPECTOR:

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
CB 9E	SEE PG D-5, MOA BENCH BOOK	194.04
CB 6B	SEE PG D-6, MOA BENCH BOOK	177.05

BASIS OF DATUM: 1972 N.G.S. ADJUSTED DATUM

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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SUITE 203,
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STATE OF ALASKA 49TH
Michael L. Jokela
No. LS-7839
REGISTERED PROFESSIONAL LAND SURVEYOR

SEAL

MUNICIPALITY OF ANCHORAGE

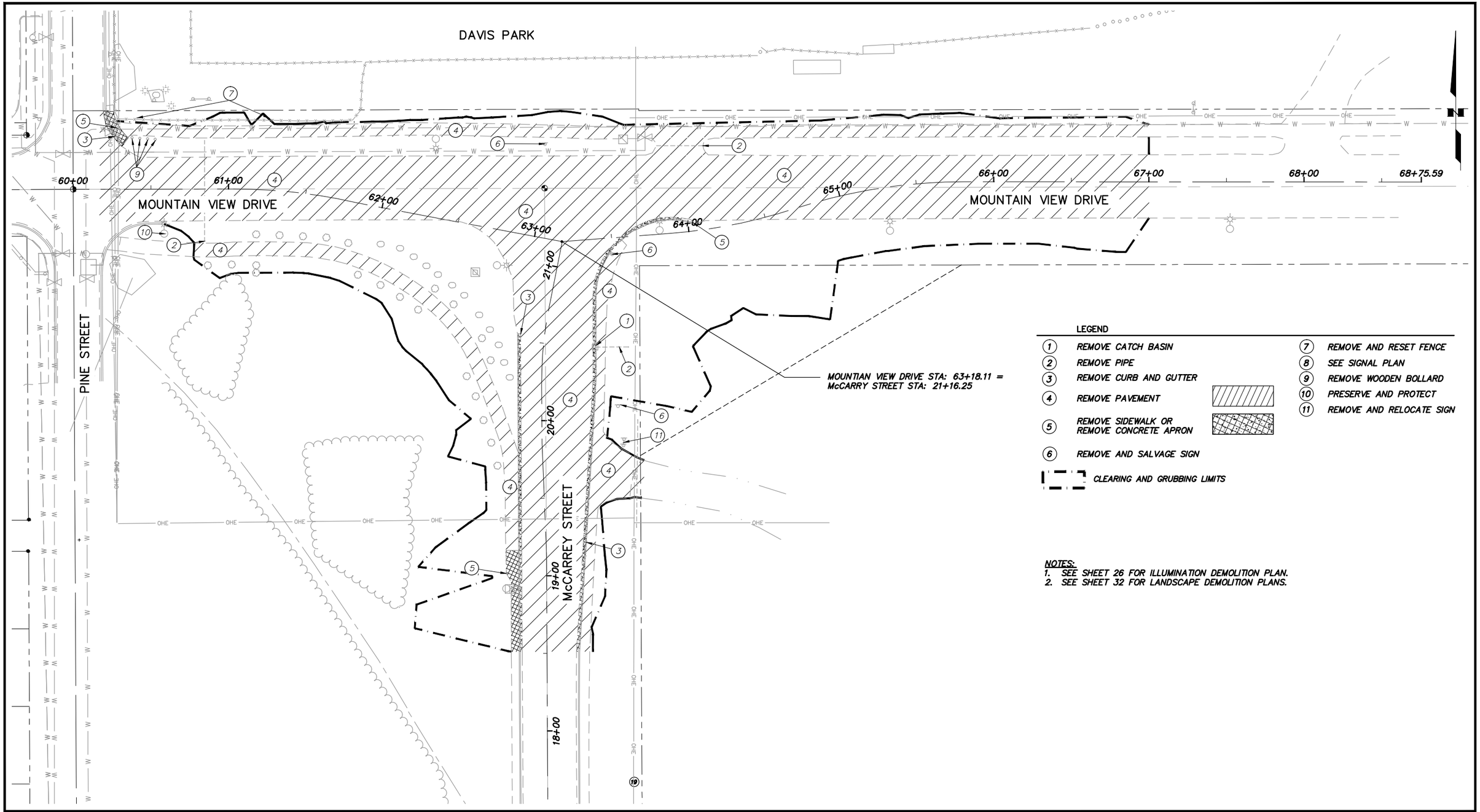
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

SURVEY CONTROL

SCALE: AS SHOWN
DATE: APR 2014
GRIDS: SW1136 & SW1137
ACCT. NO.
SHEET 4 of 31

J:\Jobsdata\70502.01 Mt View and McCarrey Control and ROW\00 CADD\01 Working Set\02 Survey\03 Survey Control\7050201 SCS.dwg, 1:2.5849, 4/24/14 at 10:55 by TSMITH



LEGEND

1. REMOVE CATCH BASIN
2. REMOVE PIPE
3. REMOVE CURB AND GUTTER
4. REMOVE PAVEMENT
5. REMOVE SIDEWALK OR REMOVE CONCRETE APRON
6. REMOVE AND SALVAGE SIGN
7. REMOVE AND RESET FENCE
8. SEE SIGNAL PLAN
9. REMOVE WOODEN BOLLARD
10. PRESERVE AND PROTECT
11. REMOVE AND RELOCATE SIGN

CLEARING AND GRUBBING LIMITS

NOTES:
1. SEE SHEET 26 FOR ILLUMINATION DEMOLITION PLAN.
2. SEE SHEET 32 FOR LANDSCAPE DEMOLITION PLANS.

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

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 30 0 30 60 90 IN FEET

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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SEAL

MUNICIPALITY OF ANCHORAGE

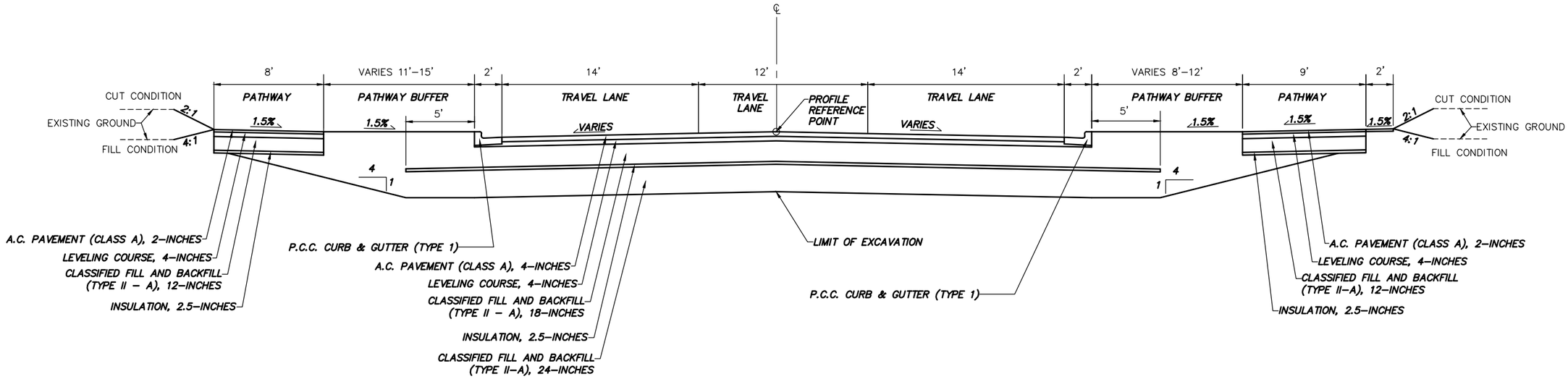
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

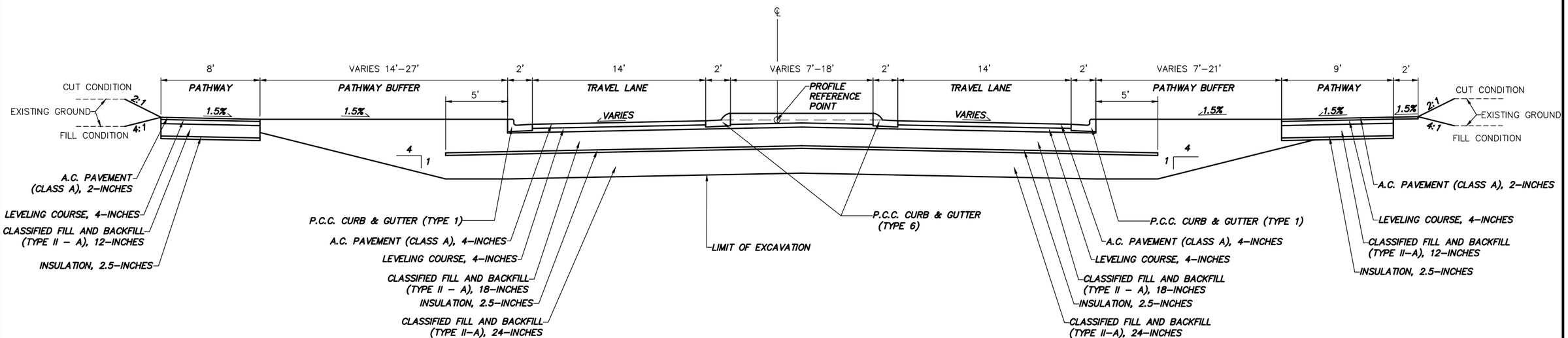
DEMOLITION PLAN

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 5 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\6_McCarrey Demolition Plan.dwg, 1:2, 5/29/14 at 10:56 by JAKE.KRONBERG



1/6 MOUNTAIN VIEW DRIVE
STA. 60+59 TO STA. 61+49



2/6 MOUNTAIN VIEW DRIVE
STA. 61+49 TO STA. 63+18

NOTE:
TOPSOIL AND SEED ALL CUT AND FILL SLOPES. SEE SHEET 31 FOR SCHEDULE AND DEPTHS.

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

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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CONSULTANT

STATE OF ALASKA
5/29/14
REVIEW
PROFESSIONAL ENGINEER

SEAL

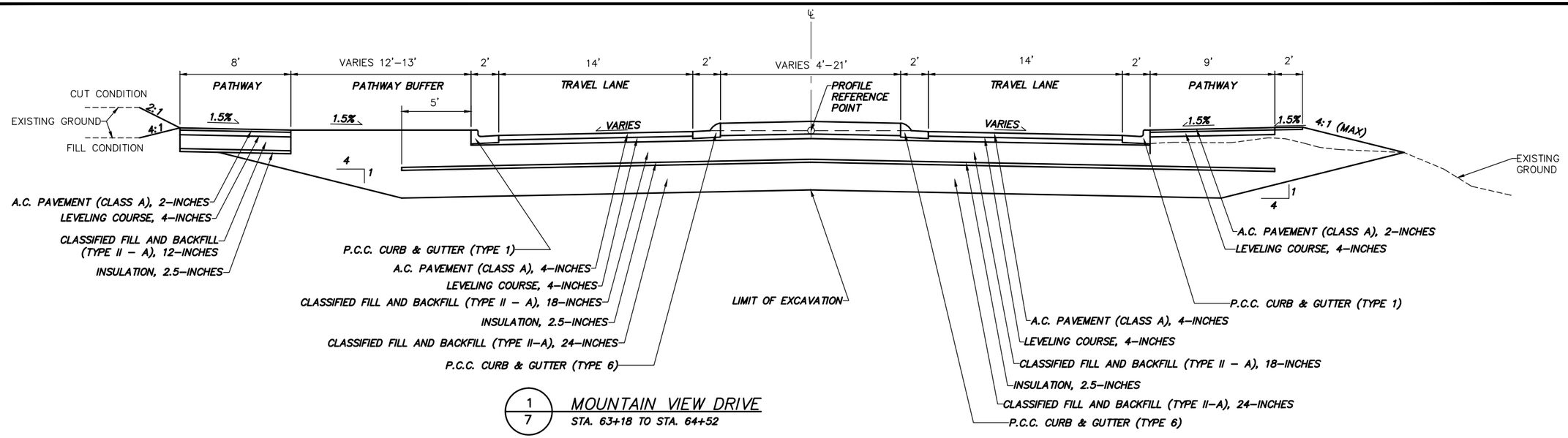
MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

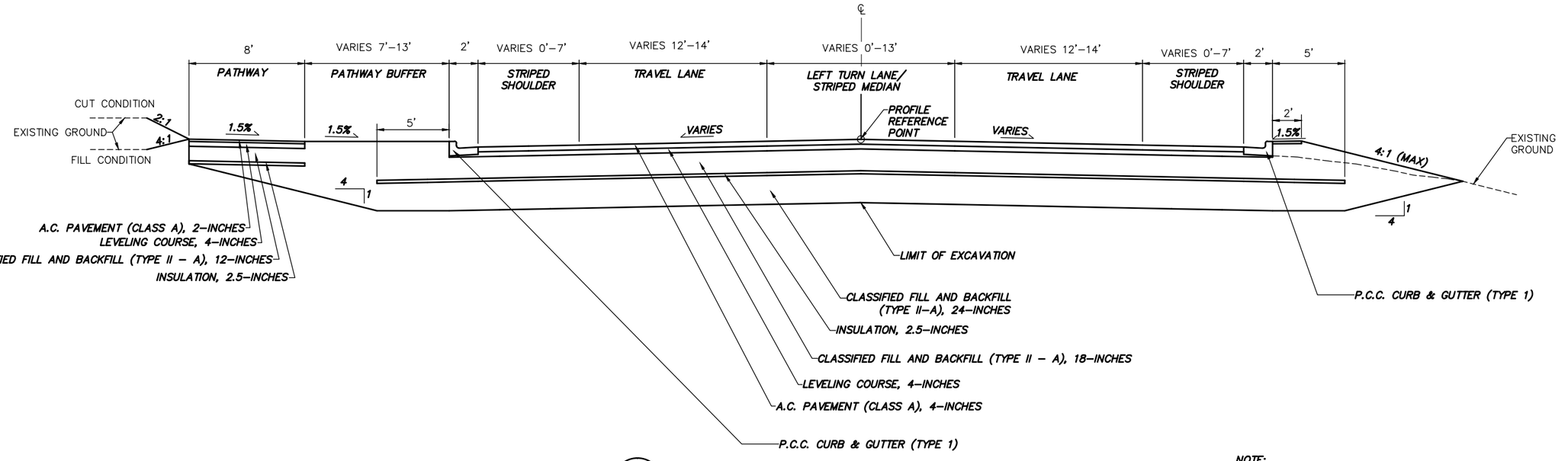
PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

TYPICAL SECTIONS

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 6 of 39



1/7 MOUNTAIN VIEW DRIVE
STA. 63+18 TO STA. 64+52



2/7 MOUNTAIN VIEW DRIVE
STA. 64+52 TO STA. 67+00

NOTE:
TOPSOIL AND SEED ALL CUT AND FILL SLOPES. SEE SHEET 31 FOR SCHEDULE AND DEPTHS.

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BY: _____ TITLE: _____
COMPANY: _____ DATE: _____

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS
DESIGN:
STAKING:
ASBUILT:
CONTRACTOR:
INSPECTOR:

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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STATE OF ALASKA 5/29/14 REVIEW J.S.6 5/29/14 PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

TYPICAL SECTIONS

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 7 of 39

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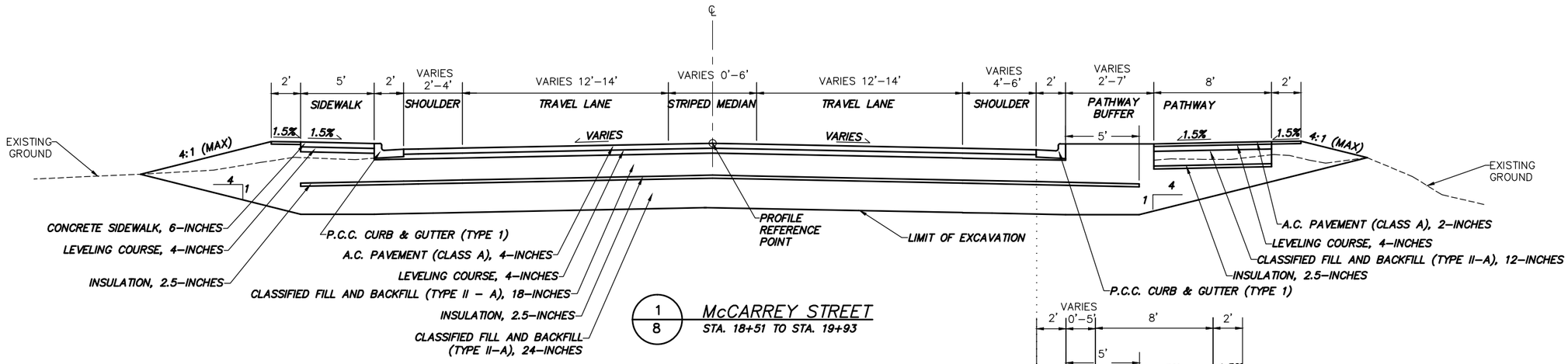
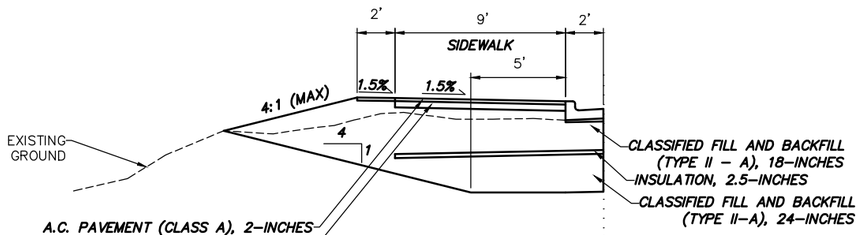
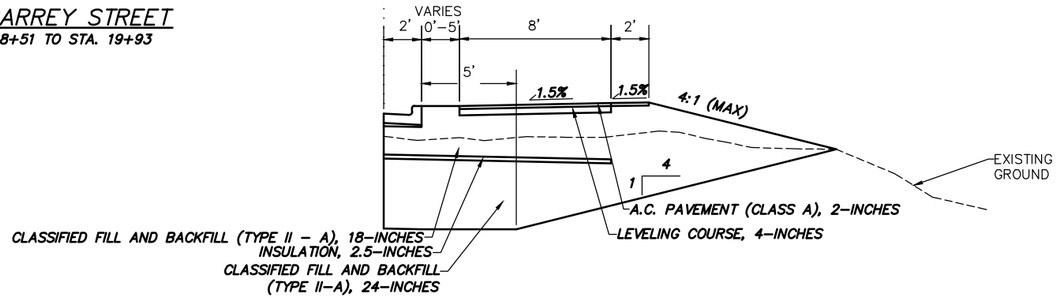


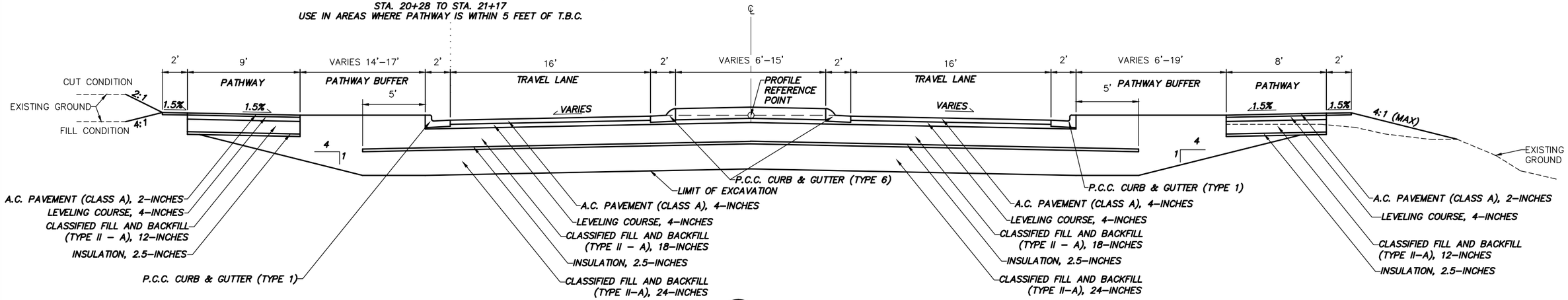
1/8 McCARREY STREET
STA. 18+51 TO STA. 19+93



McCARREY STREET PATHWAY INSULATION
STA. 20+28 TO STA. 21+17
USE IN AREAS WHERE PATHWAY IS WITHIN 5 FEET OF T.B.C.



McCARREY STREET PATHWAY INSULATION
STA. 18+51 TO STA. 19+43
USE IN AREAS WHERE PATHWAY IS WITHIN 5 FEET OF T.B.C.



2/8 McCARREY STREET
STA. 19+93 TO STA. 21+17

NOTE:
TOPSOIL AND SEED ALL CUT AND FILL SLOPES. SEE SHEET 31 FOR SCHEDULE AND DEPTHS.

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RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS
DESIGN:
STAKING:
ASBUILT:
CONTRACTOR:
INSPECTOR:

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.

BASIS OF DATUM: 1972 N.G.S. ADJUSTED DATUM

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
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CONSULTANT

STATE OF ALASKA 5/29/14 REVIEW PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

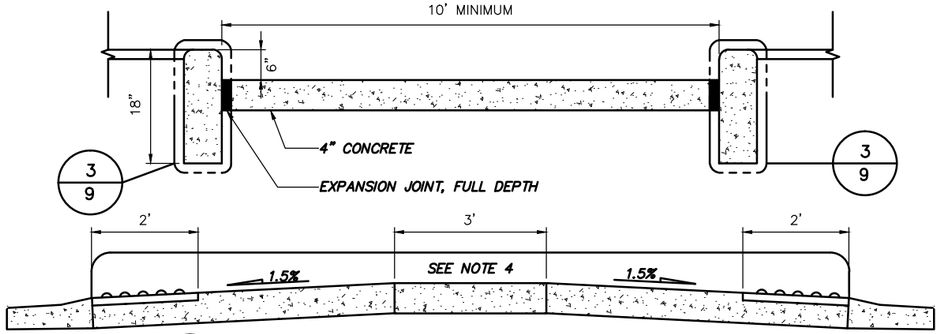
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

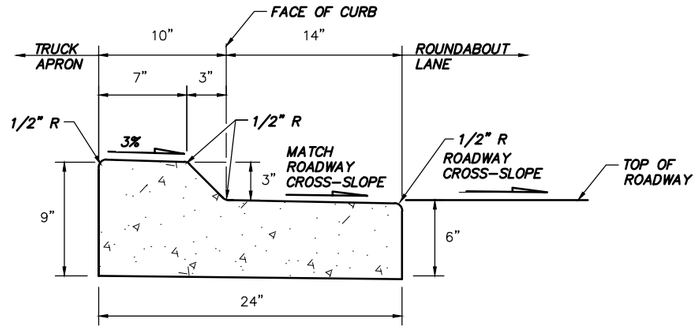
TYPICAL SECTIONS

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 8 of 39

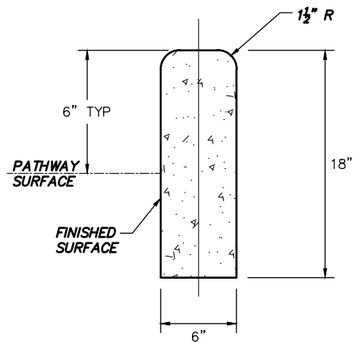
Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\7–8–9_McCarrey Typical Sections.dwg, 1:2, 5/27/14 at 15:08 by JAKE.KRONBERG



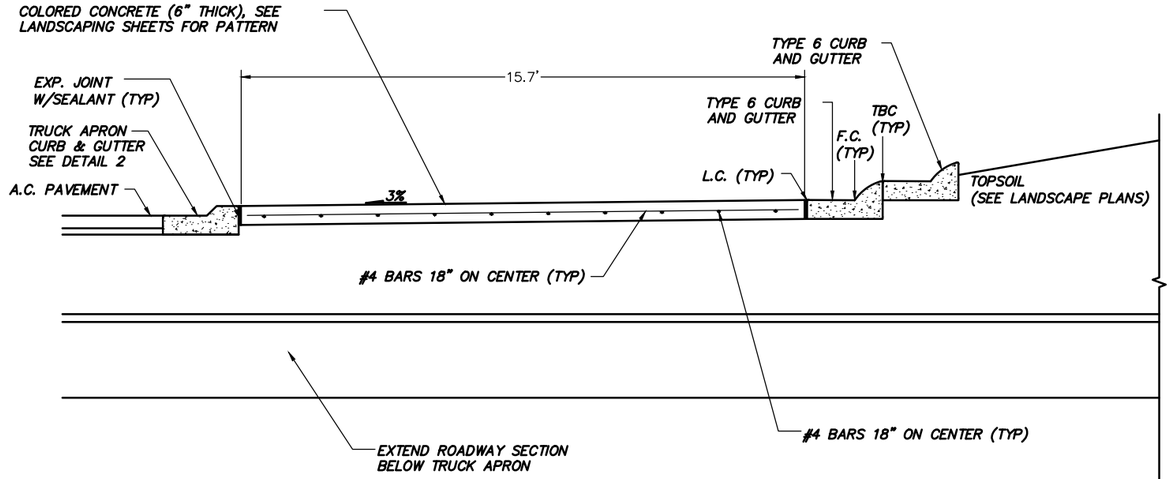
1/9 SPLITTER ISLAND PEDESTRIAN PASS THROUGH



2/9 TRUCK APRON CURB & GUTTER



3/9 VERTICAL CURB



4/9 TRUCK APRON CURB & GUTTER

L.C. = LIP OF CURB
F.C. = FACE OF CURB
TBC = TOP OF CURB

TRUCK APRON NOTES:

1. SEE LANDSCAPING SHEETS FOR TRUCK APRON PATTERN.
2. ROUNDABOUT TRUCK APRON CURB & GUTTER WILL BE PAID FOR AS BID ITEM 30.02 P.C.C. CURB AND GUTTER (ALL TYPES) AND NO ADDITIONAL PAYMENT SHALL BE MADE.
3. TRUCK APRON CONCRETE SHALL BE PAID FOR UNDER BID ITEM 30.10 COLORED CONCRETE (6" THICK).
4. CENTER BETWEEN DETECTABLE WARNING TILES.
5. PLACE REINFORCEMENT STEEL (#4 AT 18" SPACING) WITHIN APRON BY USING ORTHOGONAL GRID PATTERN.

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   CONTRACTOR: _____
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RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS

DESIGN:

STAKING:

ASBUILT:

CONTRACTOR:

INSPECTOR:

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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CONSULTANT

STATE OF ALASKA 5/29/14 REVIEW PROFESSIONAL ENGINEER

SEAL

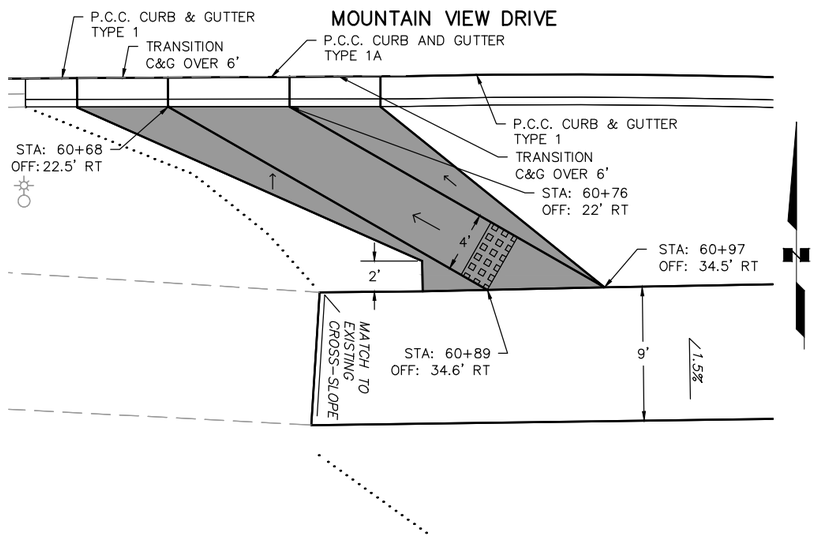
MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

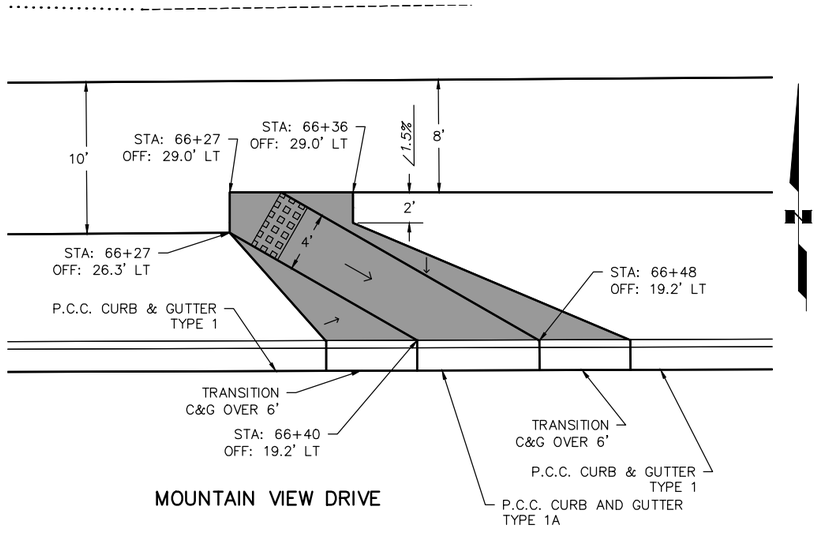
PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

DETAILS

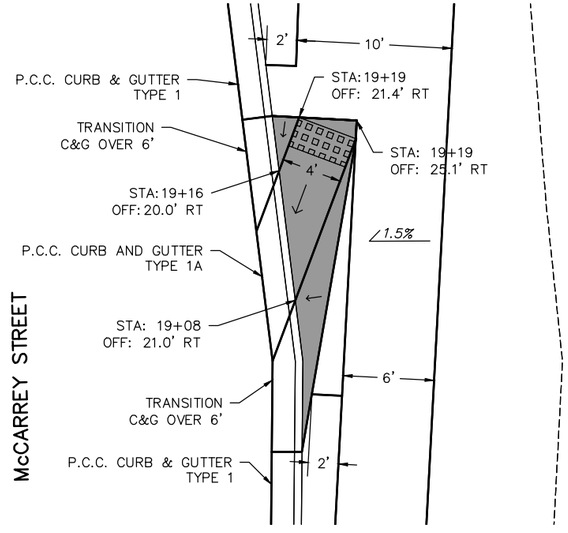
SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO.



1/10 *BICYCLE EXIT RAMP 1*



2/10 *BICYCLE EXIT RAMP 2*



3/10 *BICYCLE EXIT RAMP 3*

BICYCLE EXIT RAMP NOTES:

1. *INSTALL DETECTABLE WARNING PANELS (D.W.) IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AT THE LOCATIONS SHOWN IN THE DRAWINGS. SET DETECTABLE WARNINGS SO THAT THE FIELD AREA IS FLUSH WITH THE SURROUNDING SURFACE. NO LIP IS ALLOWED AT THE EDGE OF THE DETECTABLE WARNING.*
2. *BICYCLE EXIT RAMPS WILL BE PAID FOR UNDER BID ITEM 30.04 P.C.C. CURB RAMP AND NO ADDITIONAL PAYMENT SHALL BE MADE.*
3. *CONSTRUCT THE RAMP PORTION OF THE BIKE EXIT RAMP WITH A MAXIMUM 8.33% / MINIMUM 5% RUNNING SLOPE, AND A 1.5% MAXIMUM CROSS SLOPE.*
4. *GRADE ALL SURFACES TO PROVIDE POSITIVE DRAINAGE IN AND AROUND RAMPS.*
5. *CONTRACTOR SHALL MAINTAIN, ON SITE, AN ELECTRONIC RULER AND LEVEL. CONTRACTOR SHALL, WHEN REQUESTED, DEMONSTRATE TO THE ENGINEER THAT APPLICABLE SLOPES, CROSS SLOPES, AND CLEARANCES ARE MAINTAINED.*
6. *TRIM OUTSIDE EDGES AND JOINTS OF BIKE EXIT RAMPS AND FLARES WITH 1/4-INCH RADIUS EDGING TOOL.*

LEGEND

PAY LIMIT OF BIKE RAMP

1. DATA PROVIDED BY: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____
COMPANY: _____ DATE: _____
3. DATA TRANSFER CHECKED BY: _____
BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION). THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
BY: _____ TITLE: _____
COMPANY: _____ DATE: _____

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD, SUITE 203,
ANCHORAGE ALASKA 99515
PHONE: (907) 346-2373
FAX: (907) 349-7496

CONSULTANT

STATE OF ALASKA — 5/29/14 REVIEW — PROFESSIONAL ENGINEER

SEAL

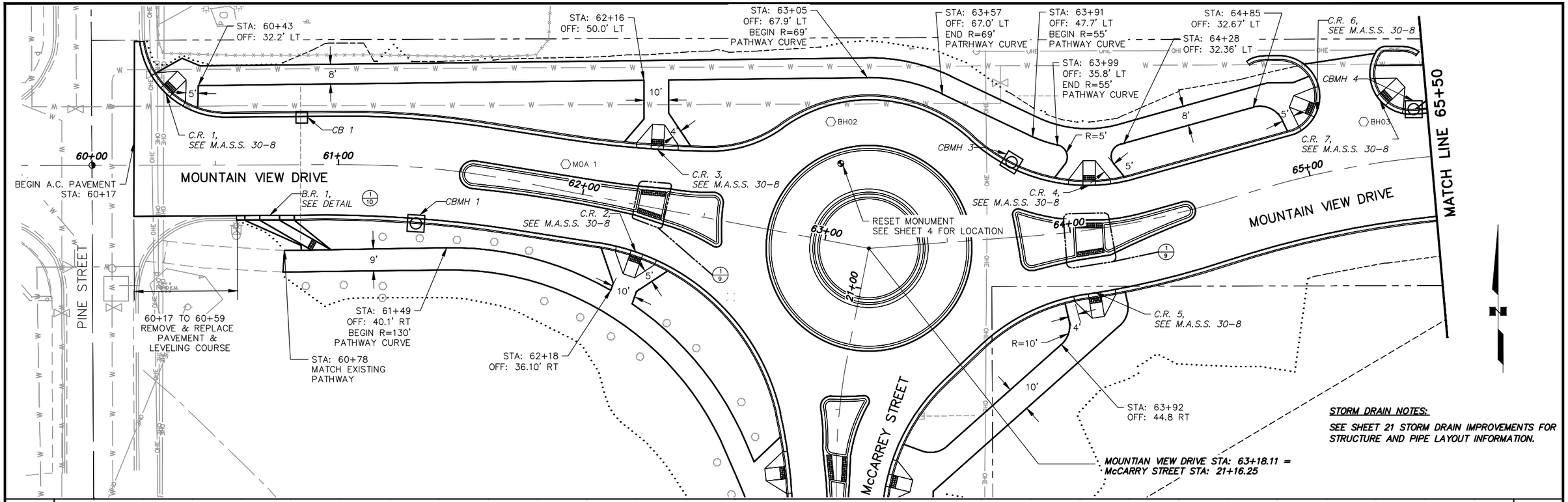
MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

DETAILS

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 10 of 39



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

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 20 0 20 40 60 IN FEET

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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SUITE 203,
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PHONE: (907) 346-2373
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CONSULTANT

STATE OF ALASKA
JAKE R. KRONBERG
LIC. NO. 12536
5/29/14
REVIEW
PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

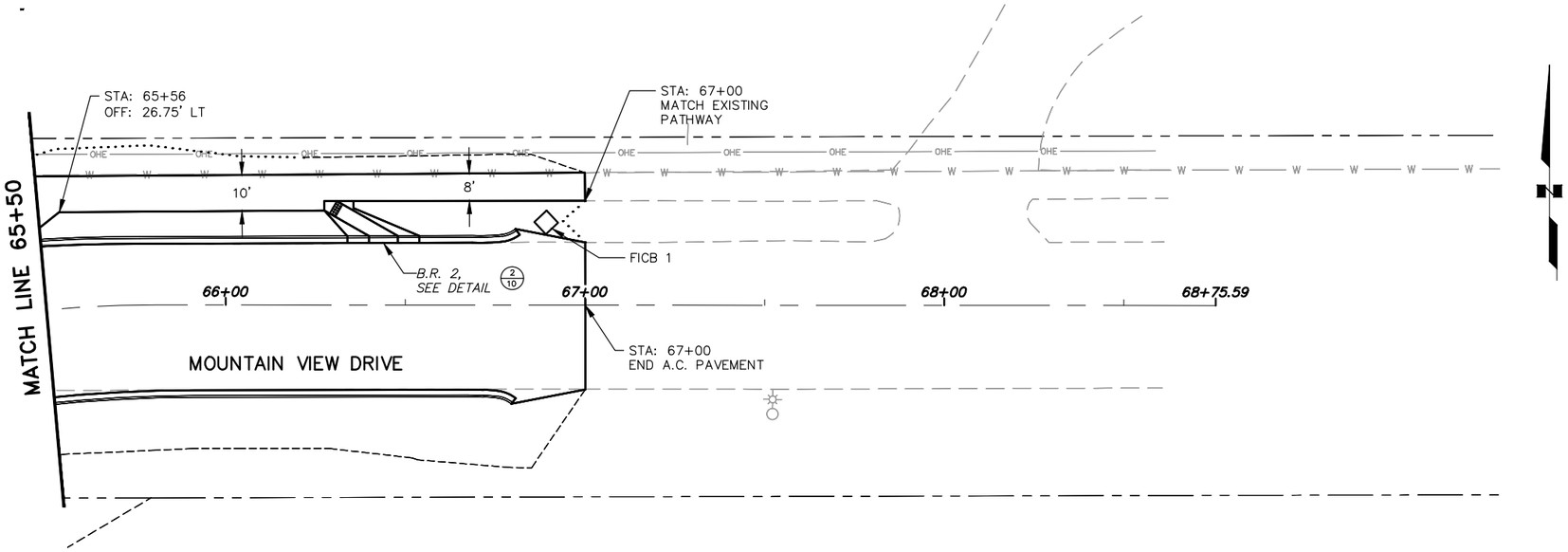
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

PLAN AND PROFILE

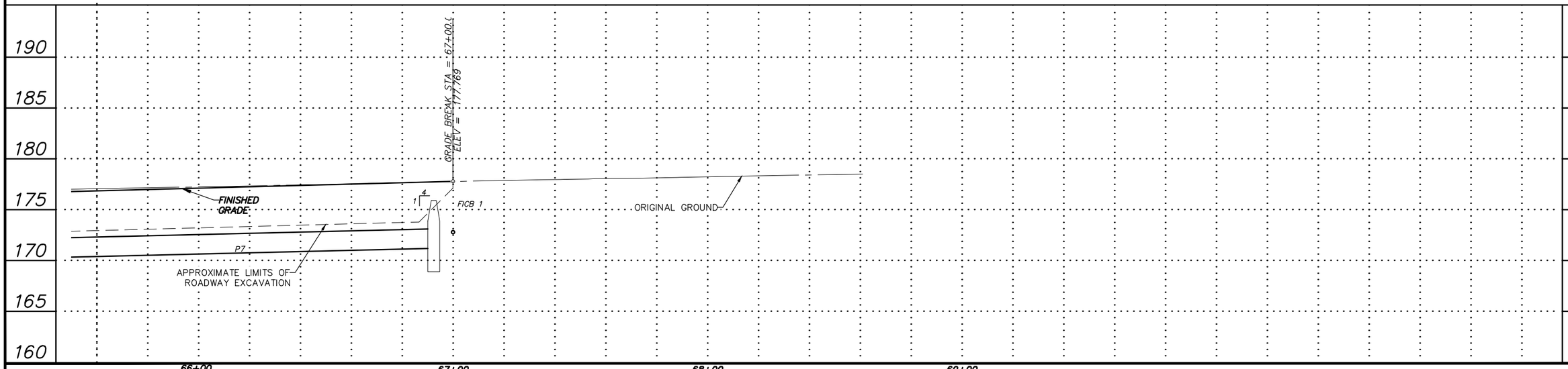
SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 11 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\12-13_Plan and Profile.dwg, 1:2, 5/28/14 at 14:03 by JAKE.KRONBERG



STORM DRAIN NOTES:

SEE SHEET 21 STORM DRAIN IMPROVEMENTS FOR STRUCTURE AND PIPE LAYOUT INFORMATION.



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

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 20 0 20 40 60 IN FEET

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD, SUITE 203,
ANCHORAGE ALASKA 99515
PHONE: (907) 346-2373
FAX: (907) 349-7496

CONSULTANT

STATE OF ALASKA
5/29/14
REVIEW
PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

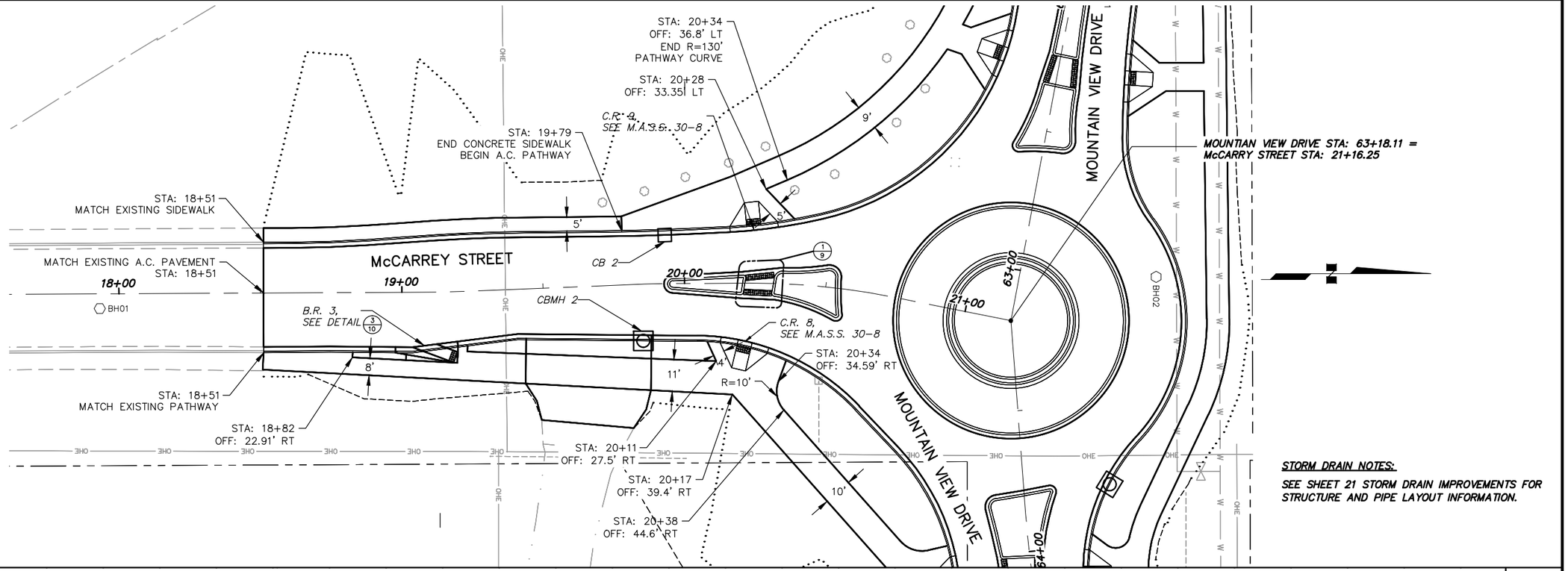
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

PLAN AND PROFILE

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 12 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\12-12-13_Plan and Profile.dwg, 1:2, 5/28/14 at 14:03 by JAKE.KRONBERG



1. DATA PROVIDED BY: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____
COMPANY: _____ DATE: _____
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BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION). THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
BY: _____ TITLE: _____
COMPANY: _____ DATE: _____

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 20 0 20 40 60 IN FEET

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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5/29/14
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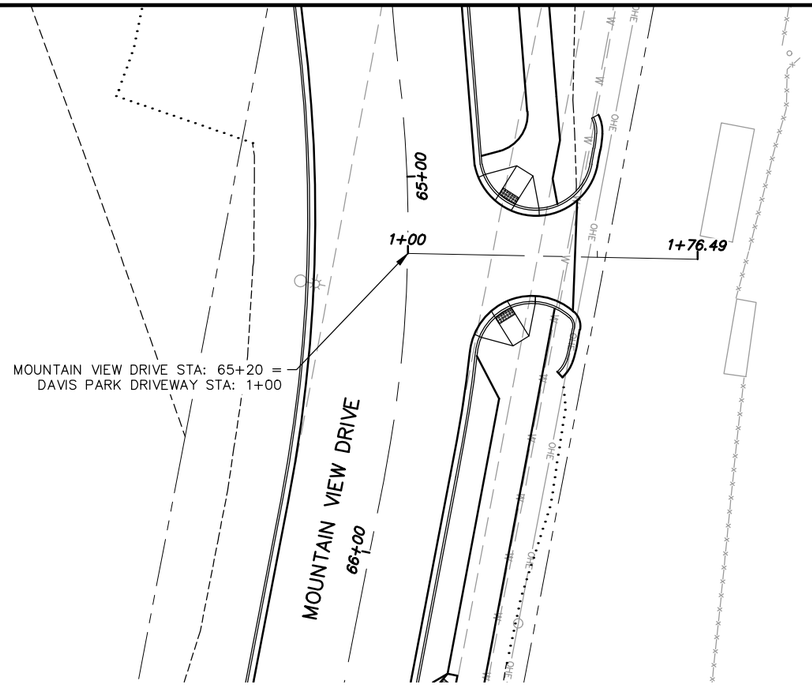
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

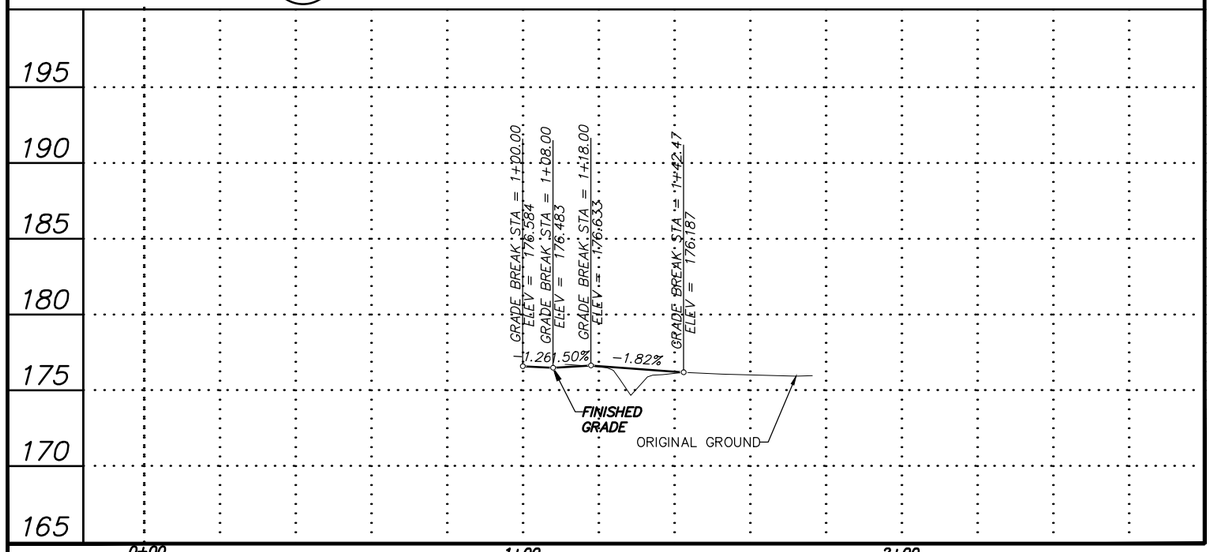
PLAN AND PROFILE

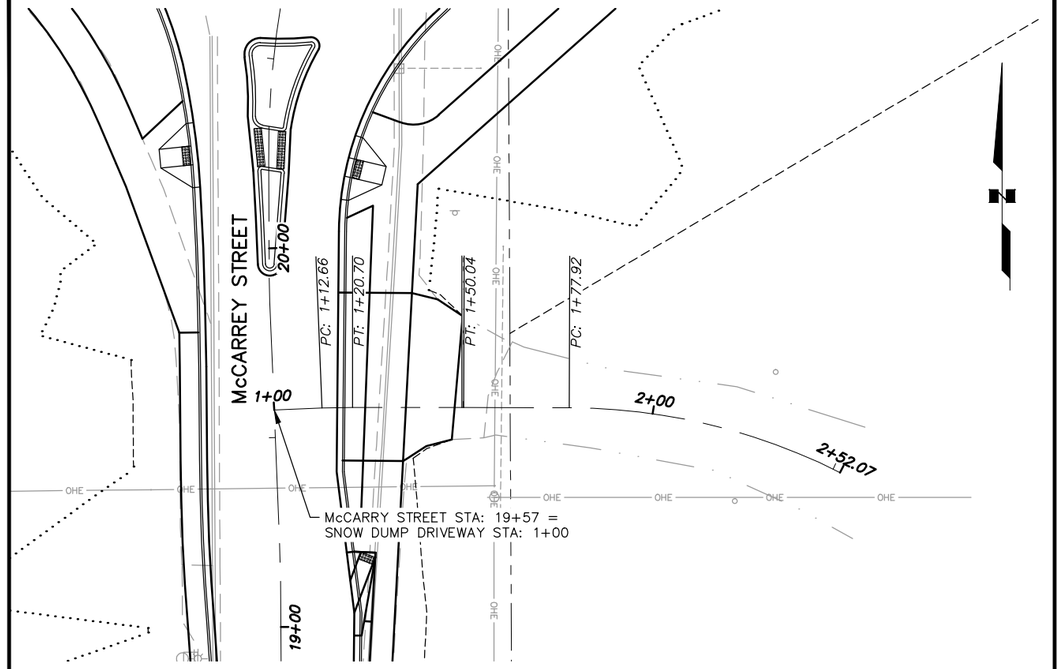
SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 13 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\12-13_Plan and Profile.dwg, 1:2, 5/28/14 at 14:03 by JAKE.KRONBERG

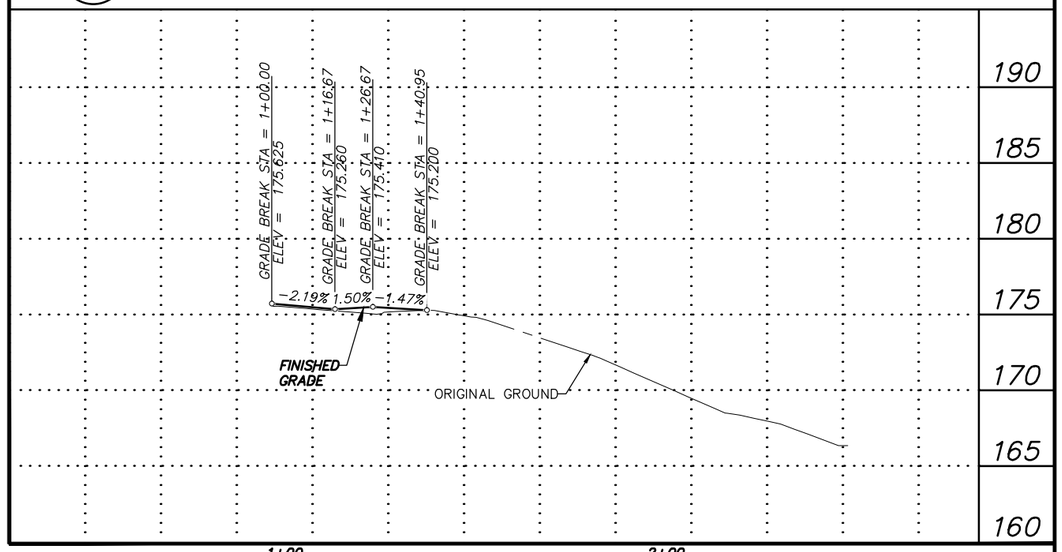


1 / 14 DAVIS PARK DRIVEWAY





2 / 14 SNOW DUMP DRIVEWAY



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

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 20 0 20 40 60 IN FEET

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD, SUITE 203,
ANCHORAGE ALASKA 99515
PHONE: (907) 346-2373
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CONSULTANT

STATE OF ALASKA
5/29/14
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PROFESSIONAL ENGINEER

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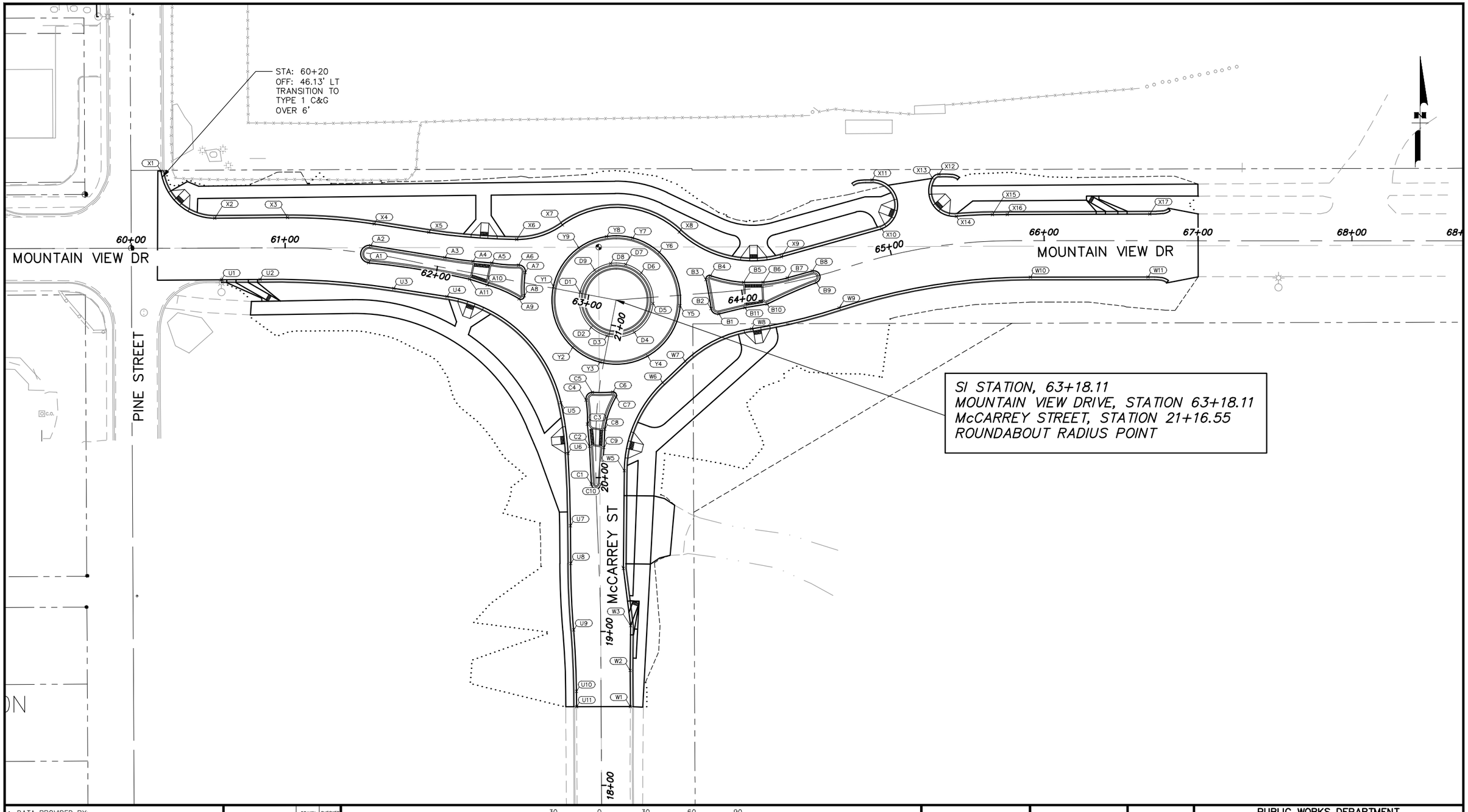
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS
DRIVEWAY PLAN AND PROFILE

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 14 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\Driveway Plan and Profile.dwg, 1:2, 5/28/14 at 08:35 by JAKE.KRONBERG



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

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 30 0 30 60 90 IN FEET

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD, SUITE 203,
ANCHORAGE ALASKA 99515
PHONE: (907) 346-2373
FAX: (907) 349-7496

CONSULTANT

STATE OF ALASKA
5/29/14
REVIEW
PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

GRADING PLAN

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 15 of 39

CURB TABLES U–LINE

POINT DATA							CURB DATA (WHERE APPLICABLE)				
SHEET	POINT	DESC.	U–LINE STATION	STATION	L.C. OFFSET	L.C. ELEV.	LENGTH	RADIUS	RADIUS POINT	RADIUS POINT	CURB TYPE
							(LF)	(LF)	STATION	OFFSET	NOTES
15	U1	PT	1+31.3	60+58.6	20.59 RT	174.30	25.1				TYPE 1
15	U2	PC	1+56.4	60+83.7	20.49 RT	174.30	87.2	498.0	61+92.5	517.04 RT	TYPE 1
15	U3	PT	2+43.6	61+75.0	19.62 RT	174.70	35.0				TYPE 1
15	U4	PC	2+78.5	62+09.7	18.12 RT	175.04	107.4	90.0	62+12.6	108.07 RT	TYPE 1
15	U5	PCC	3+86.0	20+46.6	23.75 LT	175.16	33.4	200.0	20+05.6	217.79 LT	TYPE 1
15	U6	PC	4+19.3	20+15.8	18.05 LT	174.77	46.9	1000.0	19+88.2	1017.07 LT	TYPE 1
15	U7	PI	4+66.3	19+69.5	17.46 LT	174.96	24.5				TYPE 1
15	U8	PC	4+90.8	19+44.9	18.21 LT	175.40	43.2	565.4	19+25.4	546.88 RT	TYPE 1
15	U9	PRC	5+34.1	19+01.1	17.54 LT	176.33	39.9	550.0	18+58.9	565.92 LT	TYPE 1
15	U10	PT	5+74.0	18+61.2	15.92 LT	177.19	10.0				TYPE 1
15	U11	PI	5+84.0	18+51.2	15.92 LT	177.40					

CURB TABLES W–LINE

POINT DATA							CURB DATA (WHERE APPLICABLE)				
SHEET	POINT	DESC.	W–LINE STATION	STATION	L.C. OFFSET	L.C. ELEV.	LENGTH	RADIUS	RADIUS POINT	RADIUS POINT	CURB TYPE
							(LF)	(LF)	STATION	OFFSET	NOTES
15	W1	PI	2+14.4	18+51.1	19.07 RT	177.27	23.4				TYPE 1
15	W2	PC	2+37.9	18+74.6	19.01 RT	176.78	29.1				TYPE 1
15	W3	PRC	2+67.0	19+03.6	19.44 RT	176.21	37.5				TYPE 1
15	W4	PT	3+04.6	19+40.4	15.84 RT	175.51	63.4				TYPE 1
15	W5	PC	3+68.0	20+04.4	18.46 RT	174.88	64.1	80.0	20+03.18	98.46 RT	TYPE 1
15	W6	PT	4+32.1	20+69.1	40.10 RT	175.07	20.2				TYPE 1
15	W7	PC	4+52.3	20+86.4	51.77 RT	175.23	48.8	80.0	20+17.01	113.17 RT	TYPE 1
15	W8	PRT	5+01.1	64+03.2	25.70 RT	175.61	58.6	350.0	63+78.43	323.75 LT	TYPE 1
15	W9	PRT	5+59.7	64+57.9	23.77 RT	176.07	126.4	400.0	64+64.88	423.62 RT	TYPE 1
15	W10	PT	6+86.1	65+91.1	23.68 RT	176.81	76.4				TYPE 1
15	W11	BEGIN CURB TERMINATION	7+62.6	66+67.5	23.51 RT	177.21					

CURB TABLES X–LINE

POINT DATA							CURB DATA (WHERE APPLICABLE)				
SHEET	POINT	DESC.	X–LINE STATION	STATION	L.C. OFFSET	L.C. ELEV.	LENGTH	RADIUS	RADIUS POINT	RADIUS POINT	CURB TYPE
							(LF)	(LF)	STATION	OFFSET	NOTES
15	X1	PC	1+39.1	60+19.5	50.14 LT	173.98	55.1	35.0	60+54.2	54.37 LT	SEE NOTE 1
15	X2	PT	1+89.8	60+54.3	19.37 LT	174.58	47.3				TYPE 1
15	X3	PC	2+37.1	61+01.6	19.66 LT	174.32	56.5	350.0	61+04.3	330.33 RT	TYPE 1
15	X4	PT	2+93.6	61+55.2	19.45 LT	174.54	35.9				TYPE 1
15	X5	PC	3+29.5	61+90.1	20.72 LT	174.74	57.4	400.0	61+73.0	420.14 LT	TYPE 1
15	X6	PCC	3+86.9	62+47.4	26.75 LT	175.25	31.7	50.0	62+38.6	75.97 LT	TYPE 1
15	X7	PRC	4+18.6	62+74.8	41.54 LT	175.70	82.3	60.0	63+18.4	0.16 LT	TYPE 1
15	X8	PRC	5+01.0	63+62.4	40.95 LT	175.62	71.4	70.0	64+22.7	87.16 LT	TYPE 1
15	X9	PT	5+72.3	64+29.6	17.40 LT	175.74	67.7				TYPE 1
15	X10	PC	6+40.0	64+97.9	17.92 LT	176.20	45.4	16.5	64+95.6	34.24 LT	TYPE 1
15	X11	BEGIN CURB TERMINATION	6+41.6	64+99.1	50.27 LT	176.21					TYPE 1
15	X12	END CURB TERMINATION	6+81.0	65+37.3	46.24 LT	176.48	5.1	5.0	65+36.7	41.27 LT	TYPE 1
15	X13	PC	6+76.9	65+33.3	44.40 LT	176.45	36.3	16.5	65+45.0	34.24 LT	TYPE 1
15	X14	PCC	6+89.2	65+44.7	17.75 LT	176.53	23.5	300.0	65+18.7	282.02 RT	TYPE 1
15	X15	PT	7+12.7	65+67.1	17.18 LT	176.69	9.6				TYPE 1
15	X16	PI	7+22.3	65+76.3	17.01 LT	176.76	92.6				TYPE 1
15	X17	BEGIN CURB TERMINATION	8+14.9	66+68.7	17.36 LT	177.34					

NOTES:

1. TRANSITION FROM TYPE II TO TYPE I OVER 6'.

2. SEE SHEET 18 FOR U–LINE, W–LINE, AND X–LINE, ALIGNMENT LOCATIONS.

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

RECORD DRAWING

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TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS

DESIGN:

STAKING:

ASBUILT:

CONTRACTOR:

INSPECTOR:

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD, SUITE 203,
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PHONE: (907) 346–2373
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CONSULTANT

STATE OF ALASKA
5/29/14
REVIEW
PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

CURB LAYOUT TABLES

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 16 of 39

SPLITTER ISLAND CURB TABLE–A

POINT DATA						CURB DATA (WHERE APPLICABLE)				
SHEET	POINT	DESC.	STATION	L.C. OFFSET	L.C. ELEV.	LENGTH	RADIUS	RADIUS POINT	RADIUS POINT	CURB TYPE
						(LF)	(LF)	STATION	OFFSET	NOTES
15	A1	PRC	61+55.2	6.08 RT	174.85	18.1	5.6	61+55.0	0.45 RT	TYPE 6
15	A2	PT	61+55.0	5.20 LT	174.87	48.8				TYPE 6
15	A3	PC	62+03.6	6.58 LT	175.12	18.5	350.3	61+94.3	356.76 LT	TYPE 6
15	A4	PT	62+22.0	7.55 LT	175.22	12.3				TYPE 6
15	A5	PC	62+34.2	8.75 LT	175.30	17.4	77.4	62+34.6	86.11 LT	TYPE 6
15	A6	PRC	62+51.5	10.62 LT	175.43	7.4	4.2	62+52.5	6.48 LT	TYPE 6
15	A7	PRC	62+56.7	6.67 LT	175.50	15.1	74.4	63+33.2	6.38 LT	TYPE 6
15	A8	PRC	62+58.9	8.26 RT	175.54	4.9	2.2	62+56.8	8.81 RT	TYPE 6
15	A9	PRC	62+55.9	10.89 RT	175.51	22.6	78.8	62+27.6	84.37 RT	TYPE 6
15	A10	PT	62+34.0	5.87 RT	175.38	12.1				TYPE 6
15	A11	PC	62+22.0	4.24 RT	175.32	66.6	528.8	62+02.5	532.63 RT	TYPE 6
15	MATCH TO A1									

SPLITTER ISLAND CURB TABLE–B

POINT DATA						CURB DATA (WHERE APPLICABLE)				
SHEET	POINT	DESC.	STATION	L.C. OFFSET	L.C. ELEV.	LENGTH	RADIUS	RADIUS POINT	RADIUS POINT	CURB TYPE
						(LF)	(LF)	STATION	OFFSET	NOTES
15	B1	PRC	63+84.0	14.03 RT	175.58	7.0	4.3	63+83.4	9.82 RT	TYPE 6
15	B2	PRC	63+79.1	10.14 RT	175.58	19.1	348.8	60+31.7	91.42 RT	TYPE 6
15	B3	PRC	63+77.2	8.82 LT	175.58	4.7	2.3	63+79.4	9.11 LT	TYPE 6
15	B4	PRC	63+80.3	11.18 LT	175.57	22.1	84.3	64+22.7	87.16 LT	TYPE 6
15	B5	PT	64+01.8	4.85 LT	175.74	12.6				TYPE 6
15	B6	PC	64+14.4	3.21 LT	175.84	16.1	84.3	64+22.7	87.16 LT	TYPE 6
15	B7	PT	64+30.6	3.19 LT	175.95	16.8				TYPE 6
15	B8	PC	64+47.6	3.97 LT	176.05	11.9	4.0	64+47.7	0.01 RT	TYPE 6
15	B9	PC	64+48.3	3.94 RT	176.09	35.0	346.4	64+67.52	349.26 RT	TYPE 6
15	B10	PT	64+14.84	11.21 RT	175.81	14.6				TYPE 6
15	B11	PC	64+00.7	11.54 RT	175.70	17.4	353.7	64+17.2	364.44 RT	TYPE 6
15	MATCH TO B1									

SPLITTER ISLAND CURB TABLE–C

POINT DATA						CURB DATA (WHERE APPLICABLE)				
SHEET	POINT	DESC.	STATION	L.C. OFFSET	L.C. ELEV.	LENGTH	RADIUS	RADIUS POINT	RADIUS POINT	CURB TYPE
						(LF)	(LF)	STATION	OFFSET	NOTES
15	C1	PT	19+95.8	2.98 LT	175.22	24.7				TYPE 6
15	C2	PI	20+20.5	4.06 LT	175.18	14.5				TYPE 6
15	C3	PC	20+34.6	5.69 LT	175.21	15.7	79.3	20+34.7	84.98 LT	TYPE 6
15	C4	PRC	20+49.7	7.68 LT	175.32	7.5	4.3	20+50.9	3.61 LT	TYPE 6
15	C5	PRC	20+55.1	4.10 LT	175.40	13.3	78.0	63+05.3	14.2 LT	TYPE 6
15	C6	PRC	20+57.0	9.09 RT	175.30	4.6	2.3	20+54.7	9.4 RT	TYPE 6
15	C7	PRC	20+53.9	11.53 RT	175.23	22.3	59.0	20+22.5	64.2 RT	TYPE 6
15	C8	PT	20+31.7	5.75 RT	175.25	11.9				TYPE 6
15	C9	PI	20+19.6	5.30 RT	175.17	24.1				TYPE 6
15	C10	PC	19+95.6	3.28 RT	175.25	9.5	3.1	19+95.9	0.16 RT	TYPE 6
15	MATCH TO C1									

TRUCK APRON CURB TABLE–D

POINT DATA					
SHEET	POINT	STATION	L.C. OFFSET	L.C. ELEV.	CURB TYPE NOTES
15	D1	6+94.1	0.75 LT	176.66	SEE NOTE 1
15	D2	63+05.5	20.40 RT	176.65	SEE NOTE 1
15	D3	62+16.5	23.94 RT	176.53	SEE NOTE 1
15	D4	63+28.3	21.75 RT	176.23	SEE NOTE 1
15	D5	63+41.8	3.93 RT	176.71	SEE NOTE 1
15	D6	63+35.7	16.31 LT	176.75	SEE NOTE 1
15	D7	63+26.0	22.66 LT	177.00	SEE NOTE 1
15	D8	63+10.2	22.65 LT	177.02	SEE NOTE 1
15	D9	63+00.8	16.61 LT	176.85	SEE NOTE 1

TRUCK APRON CURB TABLE–Y

POINT DATA					
SHEET	POINT	STATION	L.C. OFFSET	L.C. ELEV.	CURB TYPE NOTES
15	Y1	62+76.4	1.31 LT	175.92	TRUCK APRON SEE DETAIL 2/9
15	Y2	62+96.1	35.46 RT	175.91	TRUCK APRON SEE DETAIL 2/9
15	Y3	63+15.3	41.63 RT	175.79	TRUCK APRON SEE DETAIL 2/9
15	Y4	63+35.8	37.81 RT	175.49	TRUCK APRON SEE DETAIL 2/9
15	Y5	63+59.3	6.84 RT	175.97	TRUCK APRON SEE DETAIL 2/9
15	Y6	63+48.4	28.71 LT	176.01	TRUCK APRON SEE DETAIL 2/9
15	Y7	63+31.8	39.40 LT	176.26	TRUCK APRON SEE DETAIL 2/9
15	Y8	63+04.3	39.38 LT	176.29	TRUCK APRON SEE DETAIL 2/9
15	Y9	62+88.0	28.88 LT	176.11	TRUCK APRON SEE DETAIL 2/9

NOTES:
1. INSTALL 2–TYPE VI CURB AND GUTTER AT LOCATION INDICATED. INSTALL SECOND CURB WITH LIP OF CURB AT TOP BACK CURB OF FIRST CURB.

1. DATA PROVIDED BY: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____
   COMPANY: _____ DATE: _____
3. DATA TRANSFER CHECKED BY: _____
   BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION). THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
   BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS
DESIGN:
STAKING:
ASBUILT:
CONTRACTOR:
INSPECTOR:

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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CONSULTANT

STATE OF ALASKA 5/29/14 REVIEW PROFESSIONAL ENGINEER

SEAL

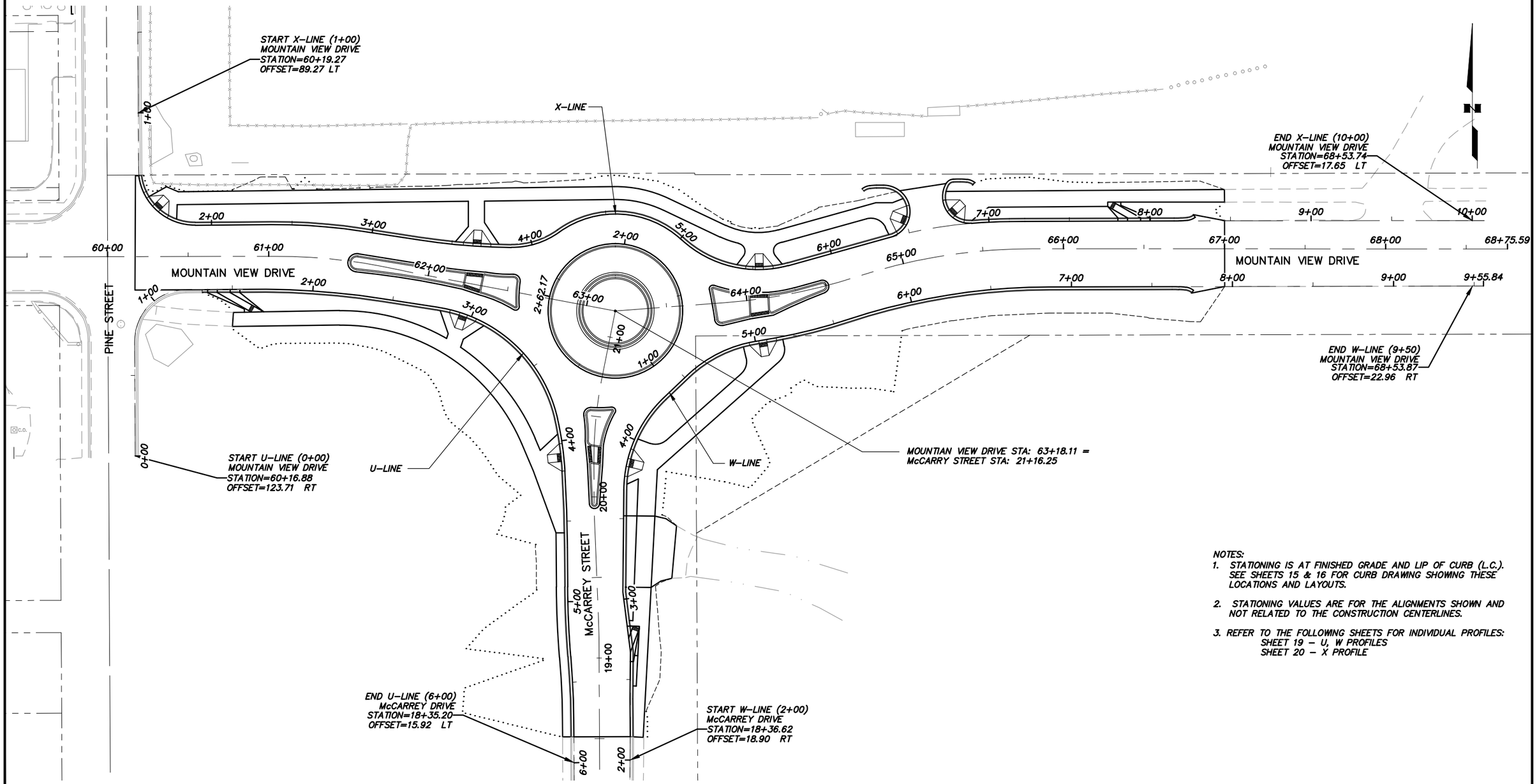
MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

CURB LAYOUT TABLES

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 17 of 39



NOTES:
1. STATIONING IS AT FINISHED GRADE AND LIP OF CURB (L.C.). SEE SHEETS 15 & 16 FOR CURB DRAWING SHOWING THESE LOCATIONS AND LAYOUTS.
2. STATIONING VALUES ARE FOR THE ALIGNMENTS SHOWN AND NOT RELATED TO THE CONSTRUCTION CENTERLINES.
3. REFER TO THE FOLLOWING SHEETS FOR INDIVIDUAL PROFILES:
   SHEET 19 – U, W PROFILES
   SHEET 20 – X PROFILE

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

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 30 0 30 60 90 IN FEET

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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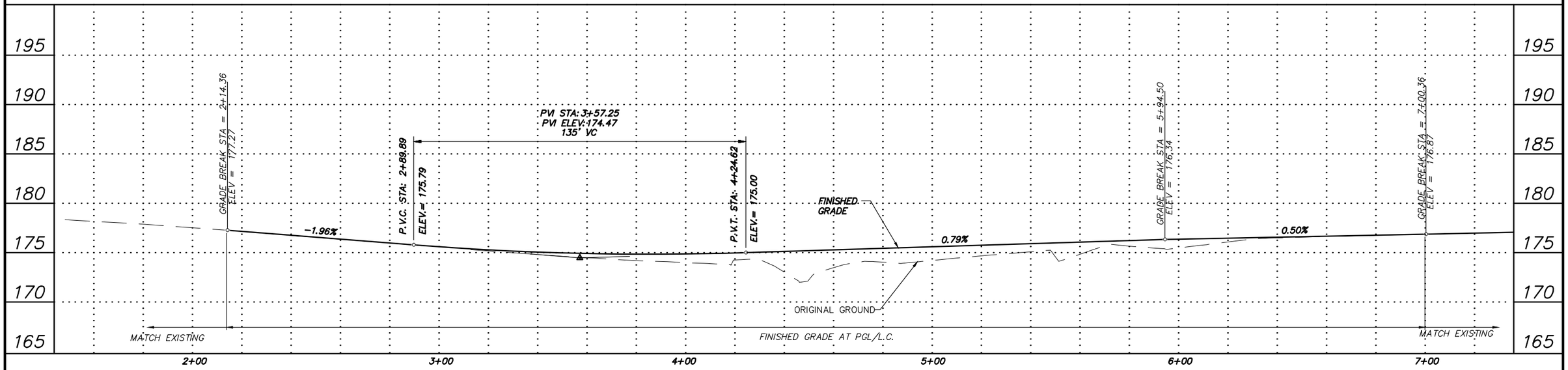
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

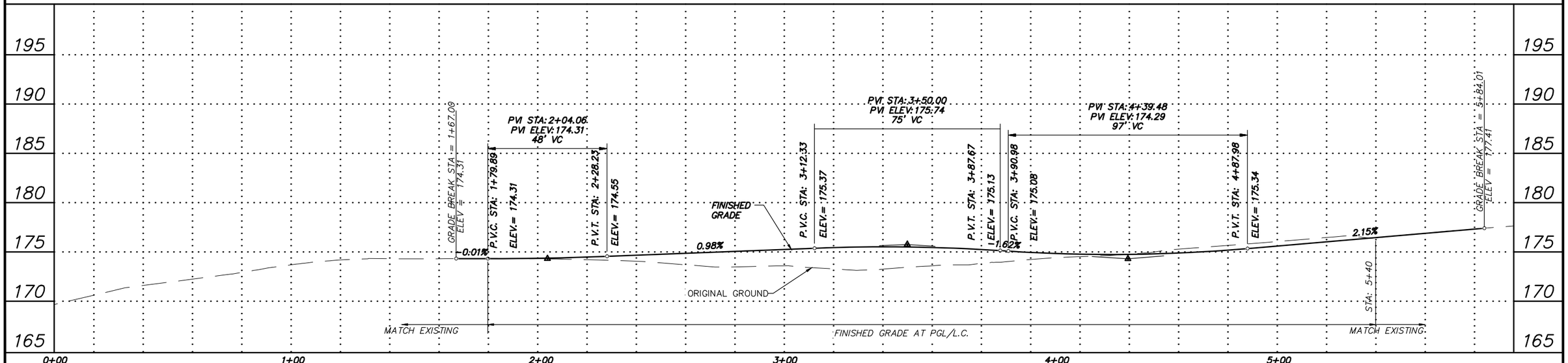
PROFILE KEY MAP

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 18 of 39

W–LINE



U–LINE



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RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 20 0 20 40 60 IN FEET

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

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BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

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PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

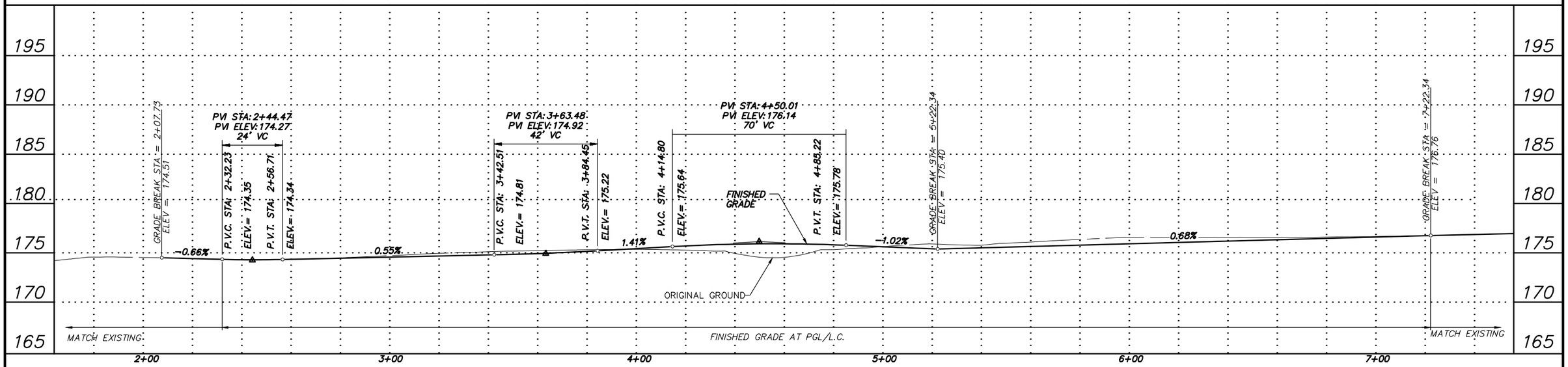
CURB PROFILE

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 19 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\16-17-18-19-20_Curve Profiles.dwg, 1:2, 5/28/14 at 07:42 by JAKE.KRONBERG

X–LINE

NOTES:
1. PGL = PROFILE GRADE LINE
   L.C. = LIP OF CURB



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

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 20 0 20 40 60 IN FEET

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

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STATE OF ALASKA – 5/29/14 – REVIEW – PROFESSIONAL ENGINEER

SEAL

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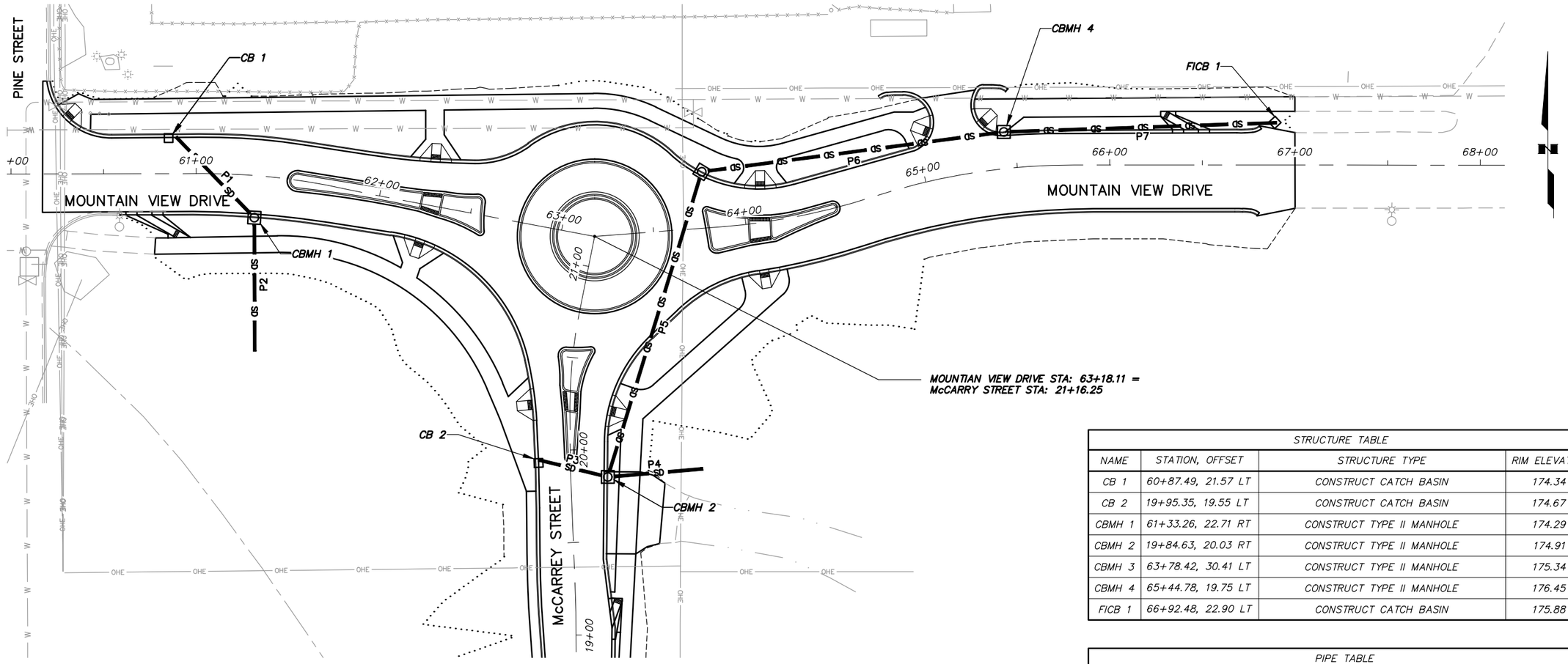
PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

CURB PROFILE

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 20 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\16-17-18-19-20_Curve Profiles.dwg, 1:2, 5/28/14 at 07:42 by JAKE.KRONBERG



STRUCTURE TABLE			
NAME	STATION, OFFSET	STRUCTURE TYPE	RIM ELEVATION
CB 1	60+87.49, 21.57 LT	CONSTRUCT CATCH BASIN	174.34
CB 2	19+95.35, 19.55 LT	CONSTRUCT CATCH BASIN	174.67
CBMH 1	61+33.26, 22.71 RT	CONSTRUCT TYPE II MANHOLE	174.29
CBMH 2	19+84.63, 20.03 RT	CONSTRUCT TYPE II MANHOLE	174.91
CBMH 3	63+78.42, 30.41 LT	CONSTRUCT TYPE II MANHOLE	175.34
CBMH 4	65+44.78, 19.75 LT	CONSTRUCT TYPE II MANHOLE	176.45
FICB 1	66+92.48, 22.90 LT	CONSTRUCT CATCH BASIN	175.88

PIPE TABLE							
PIPE NUMBER	TYPE	LENGTH	SLOPE	START	INVERT	END	INVERT
P1	18-INCH CPEP, TYPE S	63.13	0.68%	CB 1	169.80	CBMH 1	169.40
P2	18-INCH CPEP, TYPE S	72.13	0.56%	CBMH 1	169.30		168.91
P3	18-INCH CPEP, TYPE S	40.98	0.69%	CB 2	168.61	CBMH 2	168.36
P4	24-INCH CPEP, TYPE S	51.55	0.67%	CBMH 2	167.80		167.49
P5	18-INCH CPEP, TYPE S	172.48	0.61%	CBMH 3	169.40	CBMH 2	168.37
P6	18-INCH CPEP, TYPE S	164.50	0.62%	CBMH 4	170.45	CBMH 3	169.46
P7	18-INCH CPEP, TYPE S	149.76	0.62%	FICB 1	171.40	CBMH 4	170.50

NOTES:

1. CONTRACTOR SHALL CONSTRUCT STORM DRAIN TRENCHES IN ACCORDANCE WITH STANDARD DETAIL 20-8. STORM DRAIN TRENCHES BELOW THE LIMITS OF ROADWAY EXCAVATION SHALL BE BACKFILLED WITH TRENCH BACKFILL (TYPE III) OF USABLE EXCAVATION MEETING THE REQUIREMENTS OF CLASSIFIED FILL AND BACKFILL (TYPE III), AS APPROVED BY ENGINEER.
2. DISPOSAL OF UNUSABLE OR SURPLUS MATERIAL SHALL BE PAID UNDER 20.07 DISPOSAL OF UNUSABLE OR SURPLUS MATERIAL.
3. TRENCH WALL SLOPES WILL VARY WITH SOIL STRENGTH AND CHARACTER. SLOPES SHALL CONFORM TO OSHA SAFETY STANDARDS.
4. RIM ELEVATIONS ARE CALLED OUT AT CENTER OF INLET ON L.O.C. FOR CURB INLETS.
5. STORM DRAIN PIPE LENGTHS ARE EXPRESSED AND PAID FOR AS THE DISTANCE FROM THE CENTER OF THE STRUCTURE TO CENTER OF STRUCTURE OR OUTLET.
6. PIPE SLOPES ARE CALCULATED USING THE DISTANCE BETWEEN THE INSIDE WILLS OF STRUCTURES.

1. DATA PROVIDED BY: _____
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CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
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COMPANY: _____ DATE: _____
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BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION). THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
BY: _____ TITLE: _____
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RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 30 0 30 60 90 IN FEET

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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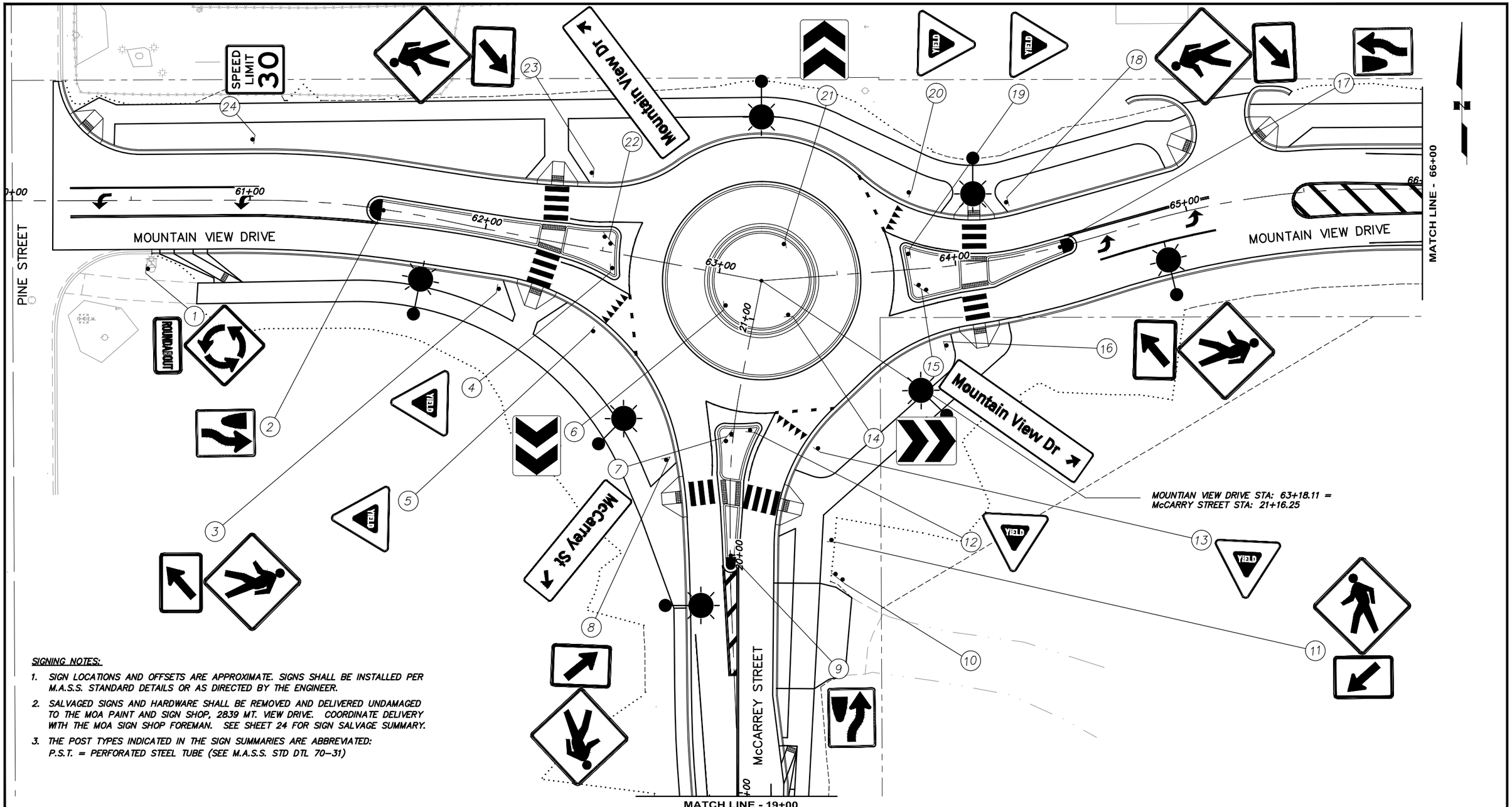
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

STORM DRAIN IMPROVEMENTS

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 21 of 39



SIGNING NOTES:

1. *SIGN LOCATIONS AND OFFSETS ARE APPROXIMATE. SIGNS SHALL BE INSTALLED PER M.A.S.S. STANDARD DETAILS OR AS DIRECTED BY THE ENGINEER.*
2. *SALVAGED SIGNS AND HARDWARE SHALL BE REMOVED AND DELIVERED UNDAMAGED TO THE MOA PAINT AND SIGN SHOP, 2839 MT. VIEW DRIVE. COORDINATE DELIVERY WITH THE MOA SIGN SHOP FOREMAN. SEE SHEET 24 FOR SIGN SALVAGE SUMMARY.*
3. *THE POST TYPES INDICATED IN THE SIGN SUMMARIES ARE ABBREVIATED: P.S.T. = PERFORATED STEEL TUBE (SEE M.A.S.S. STD DTL 70–31)*

1. DATA PROVIDED BY: _____
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CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____
COMPANY: _____ DATE: _____
3. DATA TRANSFER CHECKED BY: _____
BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION). THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
BY: _____ TITLE: _____
COMPANY: _____ DATE: _____

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 20 0 20 40 60 IN FEET

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD,
SUITE 203,
ANCHORAGE ALASKA 99515
PHONE: (907) 346-2373
FAX: (907) 349-7496

CONSULTANT

STATE OF ALASKA 10036 5/29/14 REVIEW PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

SIGNING PLAN

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 22 of 39

POST NO.	STATION	CL REF.	TYPE	LEGEND	SIZE (ft) WIDTH	SIZE (ft) HEIGHT	AREA (SQFT)	SIGN FACES	POSTS NO., SIZE, & TYPE	THICKNESS FRAMED YES	THICKNESS FRAMED NO	REMARKS
1	60+58	29 ' RT	W2-6		2.50	2.50	6.25	W	MOUNT ON EXISTING LUMINAIRE		0.125"	
			W2-6A	ROUNDABOUT	3.00	1.00	3.00	W			0.125"	
2	61+56	0 ' RT	R4-7		2.00	2.50	5.00	W	2"X2",P.S.T.		0.125"	
3	62+10	24 ' RT	W11-2		2.50	2.50	6.25	W	2.5"X2.5", P.S.T.		0.125"	
			W16-7P		2.00	1.00	2.00	W			0.125"	
4	62+55	6 ' RT	R1-2		3.00	3.00	4.50	W	2"X2",P.S.T.		0.125"	
5	62+52	34 ' RT	R1-2		3.00	3.00	4.50	W	2"X2",P.S.T.		0.125"	
6	63+05	13 ' RT	R6-4		2.50	2.00	5.00	W	2"X2",P.S.T.		0.125"	
7	20+49	2 ' LT	D1-1d	McCarrey St	5.50	1.50	8.25	NW	2-2"X2",P.S.T.		0.125"	6-IN UPPERCASE LETTERING SERIES D
8	20+39	27 ' LT	W11-2		2.50	2.50	6.25	N	2.5"X2.5", P.S.T.		0.125"	
			W16-7P		2.00	1.00	2.00	N			0.125"	
9	20+00	0 ' RT	R4-7		2.00	2.50	5.00	S	2"X2",P.S.T.		0.125"	
10	19+90	46 ' RT	SPECIAL	SNOW DUMP SITE	EXISTING SIGN			SW	2-2.5"X2.5", P.S.T.		0.125"	RELOCATE EXISTING SIGN TO NEW LOCATION
11	20+06	35 ' RT	W11-2		2.50	2.50	6.25	S	2.5"X2.5", P.S.T.		0.125"	
			W16-7P		2.00	1.00	2.00	S			0.125"	
12	20+53	7 ' RT	R1-2		3.00	3.00	4.50	S	2"X2",P.S.T.		0.125"	
13	20+48	36 ' RT	R1-2		3.00	3.00	4.50	S	2"X2",P.S.T.		0.125"	
14	21+05	14 ' RT	R6-4		2.50	2.00	5.00	S	2"X2",P.S.T.		0.125"	
15	63+85	8 ' RT	D1-1d	Mountain View Dr	7.00	1.50	10.50	SW	2-2"X2",P.S.T.		0.125"	6-IN UPPERCASE LETTERING SERIES D
16	63+93	33 ' RT	W11-2		2.50	2.50	6.25	W	2.5"X2.5", P.S.T.		0.125"	
			W16-7P		2.00	1.00	2.00	W			0.125"	
17	64+45	0 ' RT	R4-7		2.00	2.50	5.00	E	2"X2",P.S.T.		0.125"	
18	64+26	23 ' LT	W11-2		2.50	2.50	6.25	E	2.5"X2.5", P.S.T.		0.125"	
			W16-7P	ROUNDABOUT	2.00	1.00	2.00	E			0.125"	
19	63+80	7 ' LT	R1-2		3.00	3.00	4.50	E	2"X2",P.S.T.		0.125"	
20	63+83	32 ' LT	R1-2		3.00	3.00	4.50	E	2"X2",P.S.T.		0.125"	
21	63+29	15 ' LT	R6-4		2.50	2.00	5.00	E			0.125"	
22	62+51	5 ' LT	D1-1d	Mountain View Dr	7.00	1.50	10.50	NE	2-2"X2",P.S.T.		0.125"	6-IN UPPERCASE LETTERING SERIES D
23	62+40	31 ' LT	W11-2		2.50	2.50	6.25	E	2.5"X2.5", P.S.T.		0.125"	
			W16-7P	ROUNDABOUT	2.00	1.00	2.00	E			0.125"	
24	61+01	26 ' LT	R2-1-30	SPEED LIMIT 30	2.00	2.50	5.00	E	2"X2",P.S.T.		0.125"	

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DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS
DESIGN:
STAKING:
ASBUILT:
CONTRACTOR:
INSPECTOR:

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.

BASIS OF DATUM: 1972 N.G.S. ADJUSTED DATUM

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REVISIONS

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CONSULTANT

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SEAL

MUNICIPALITY OF ANCHORAGE

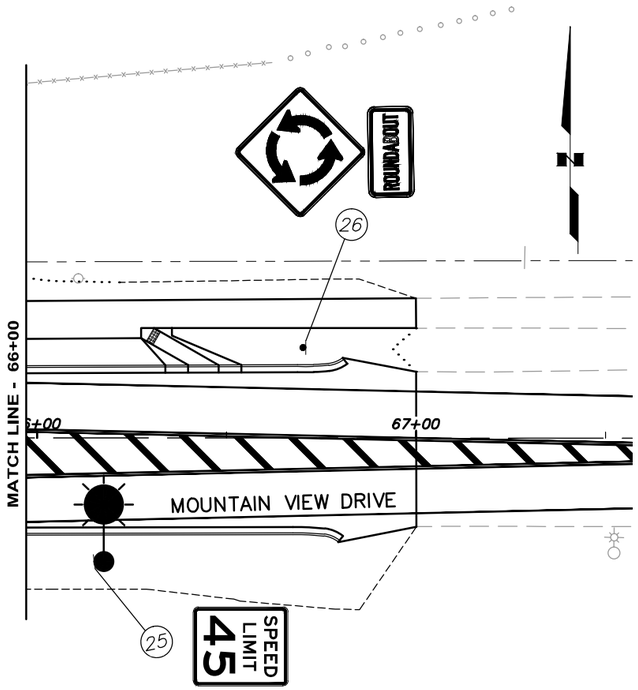
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

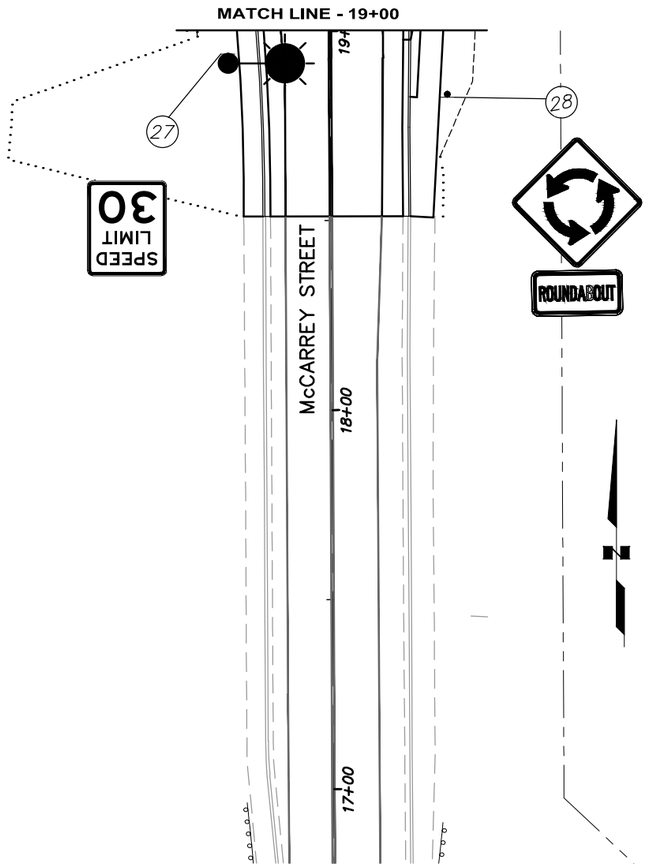
PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

SIGN SUMMARY

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 23 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\21-22_Signing plan.dwg, 1:2, 5/27/14 at 15:24 by IAIN.MCPHERSON





SIGN SALVAGE SUMMARY

STATION	OFFSET	TYPE	DESCRIPTION	SIGN FACES	REMARKS
18+92'	26' LT	R2-1-30	SPEED LIMIT 30	N	
20+09'	49' RT	R3-8L/R	ADVANCED INTERSECTION LANE CONTROL	S	
21+15'	33' RT	D3-1D	McCARREY	E/W	
		D3-1D	MT VIEW	N/S	
		R1-1	STOP	S	
65+29'	28' LT	R2-1-45	SPEED LIMIT 45	W	
67+29'	48' LT	D1-1d	McCARREY	E	
62+96'	60' LT	W1-7	TWO-DIRECTION LARGE ARROW	S	
62+26'	50' LT	R2-1-30	SPEED LIMIT 30	E	
59+78'	45' LT	D3-1D	PINE	E/W	
		D3-1D	MT VIEW	N/S	
		R1-1	STOP	N	

** REMOVE AND SALVAGE SIGNS IS SUBSIDIARY TO THE SIGN PAY ITEM.

POST NO.	STATION	CL REF.	TYPE	LEGEND	SIZE (ft) WIDTH	SIZE (ft) HEIGHT	AREA (SQFT)	SIGN FACES	POSTS NO., SIZE, & TYPE	THICKNESS FRAMED YES	THICKNESS NO	REMARKS
26	66+70	24 'LT	W2-6		2.50	2.50	6.25	E	2.5"X2.5", P.S.T.		0.125"	
			W2-6A	ROUNDABOUT	3.00	1.00	3.00	E			0.125"	
27	18+92	27 'LT	R2-1-30	SPEED LIMIT 30	2.00	2.50	5.00	S	2"X2",P.S.T.		0.125"	
28	18+83	31 'RT	W2-6		2.50	2.50	6.25	N	2.5"X2.5", P.S.T.		0.125"	
			W2-6A	ROUNDABOUT	3.00	1.00	3.00	N			0.125"	

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BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 20 0 20 40 60 IN FEET

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD,
SUITE 203,
ANCHORAGE ALASKA 99515
PHONE: (907) 346-2373
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CONSULTANT

STATE OF ALASKA 5/29/14 REVIEW PROFESSIONAL ENGINEER

SEAL

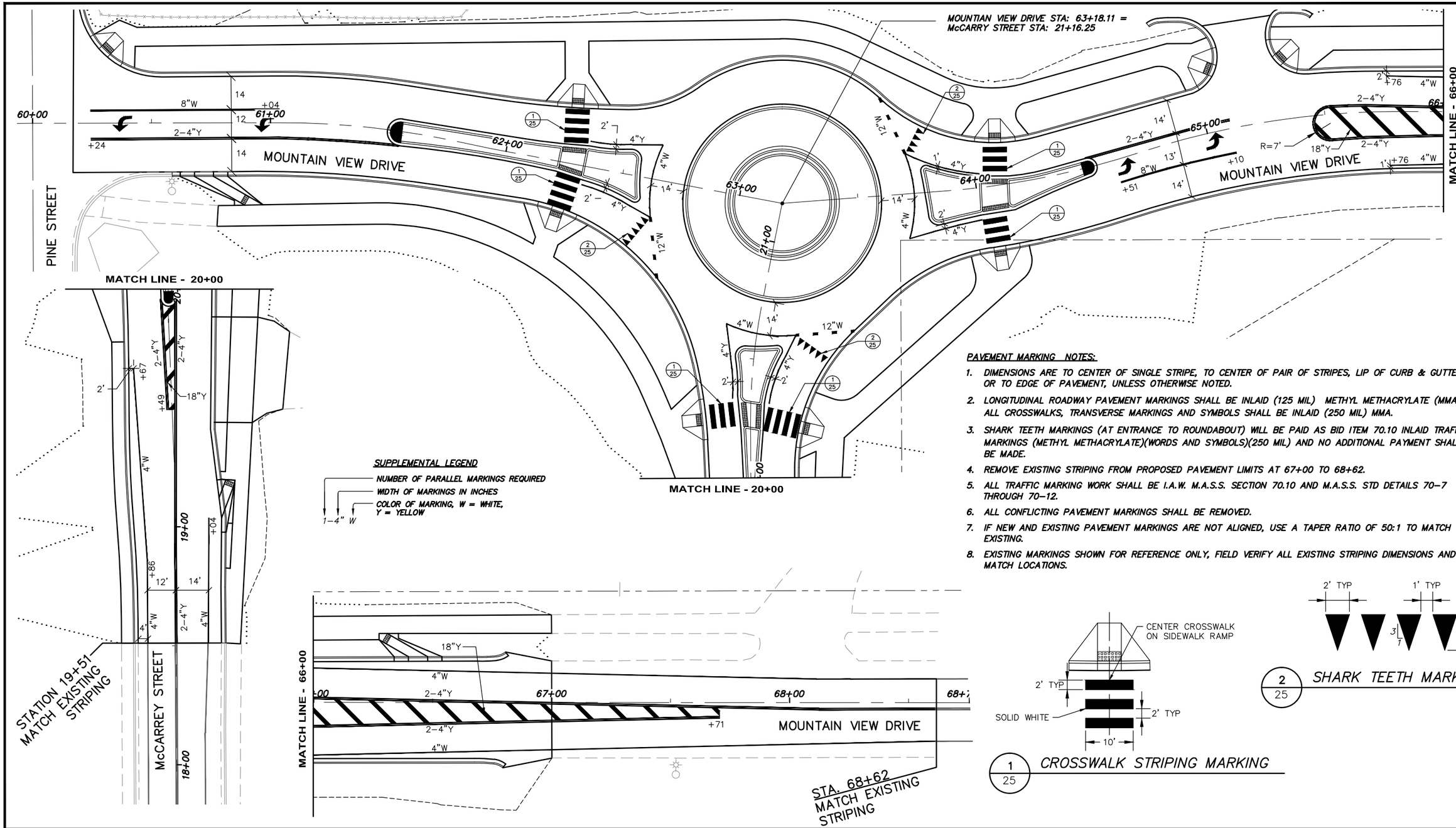
MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

SIGNING PLAN

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 24 of 39



PAVEMENT MARKING NOTES:

1. DIMENSIONS ARE TO CENTER OF SINGLE STRIPE, TO CENTER OF PAIR OF STRIPES, LIP OF CURB & GUTTER, OR TO EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
2. LONGITUDINAL ROADWAY PAVEMENT MARKINGS SHALL BE INLAID (125 MIL) METHYL METHACRYLATE (MMA). ALL CROSSWALKS, TRANSVERSE MARKINGS AND SYMBOLS SHALL BE INLAID (250 MIL) MMA.
3. SHARK TEETH MARKINGS (AT ENTRANCE TO ROUNDABOUT) WILL BE PAID AS BID ITEM 70.10 INLAID TRAFFIC MARKINGS (METHYL METHACRYLATE)(WORDS AND SYMBOLS)(250 MIL) AND NO ADDITIONAL PAYMENT SHALL BE MADE.
4. REMOVE EXISTING STRIPING FROM PROPOSED PAVEMENT LIMITS AT 67+00 TO 68+62.
5. ALL TRAFFIC MARKING WORK SHALL BE I.A.W. M.A.S.S. SECTION 70.10 AND M.A.S.S. STD DETAILS 70–7 THROUGH 70–12.
6. ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.
7. IF NEW AND EXISTING PAVEMENT MARKINGS ARE NOT ALIGNED, USE A TAPER RATIO OF 50:1 TO MATCH EXISTING.
8. EXISTING MARKINGS SHOWN FOR REFERENCE ONLY, FIELD VERIFY ALL EXISTING STRIPING DIMENSIONS AND MATCH LOCATIONS.

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BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 20 0 20 40 60 IN FEET

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
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750 W. DIMOND BLVD,
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STATE OF ALASKA
5/29/14
REVIEW
PROFESSIONAL ENGINEER

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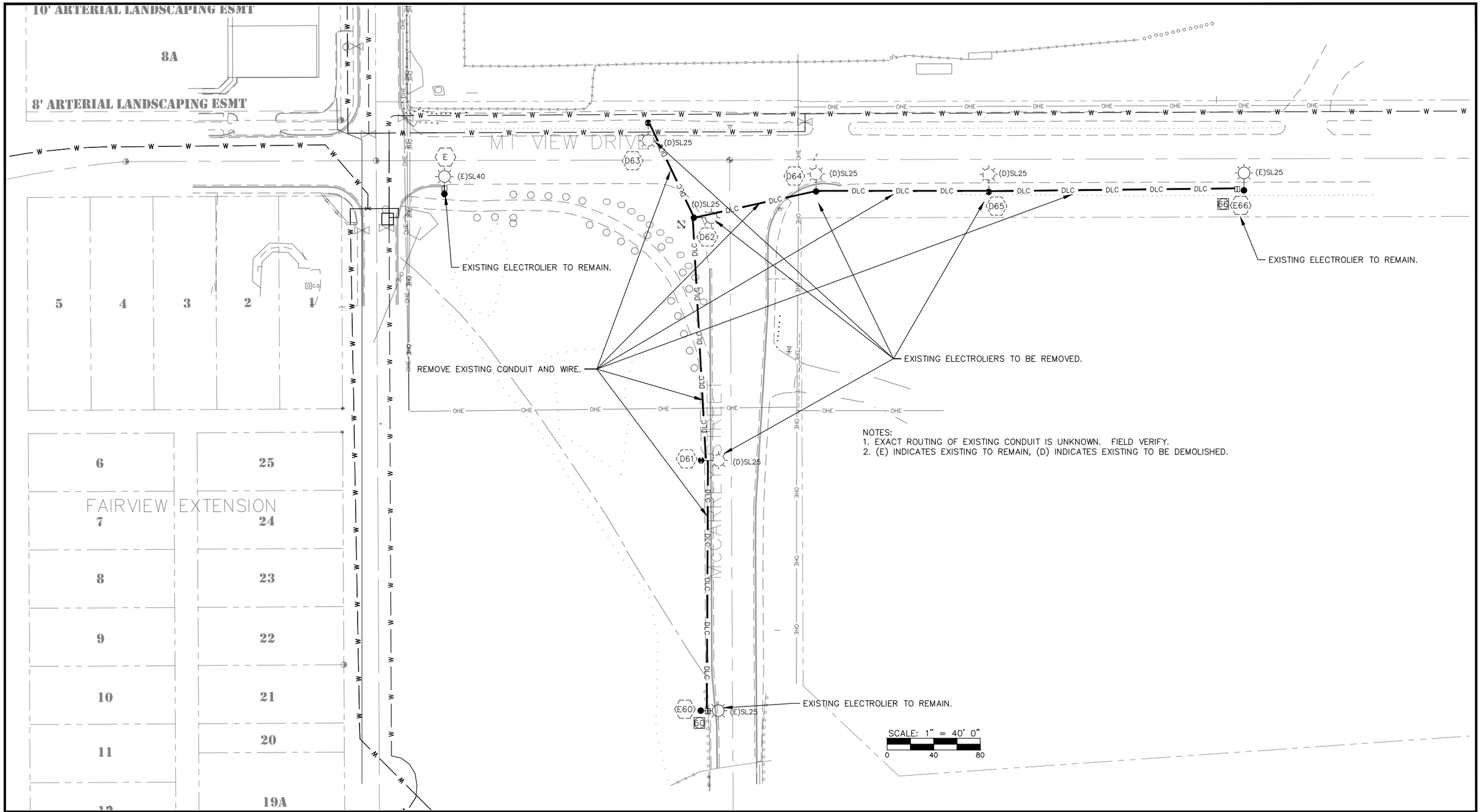
PROJECT NO. 10–12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

STRIPING PLAN

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 25 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INVS\Civil3D\Plan Set Drawings\23_striping plan.dwg, 1:2, 5/28/14 at 11:13 by JAKE.KRONBERG



NOTES:
1. EXACT ROUTING OF EXISTING CONDUIT IS UNKNOWN. FIELD VERIFY.
2. (E) INDICATES EXISTING TO REMAIN, (D) INDICATES EXISTING TO BE DEMOLISHED.

1. DATA PROVIDED BY: _____
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RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	WHP	KE
TOPOGRAPHY	WHP	KE
PROFILE	KE	KE
STORM SEWER	WHP	KE
WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
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ASBUILT:			
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INSPECTOR:			

CONSTRUCTION RECORD

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Northern Electrical Engineering Consulting, LLC
721 SESAME ST SUITE 2B ANCHORAGE, AK 99503 PHONE (907) 562-1552 FAX (907) 562-1530
JIMPARKER@GCI.NET

CONSULTANT

STATE OF ALASKA 49TH
James H. Parker EE 7733
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

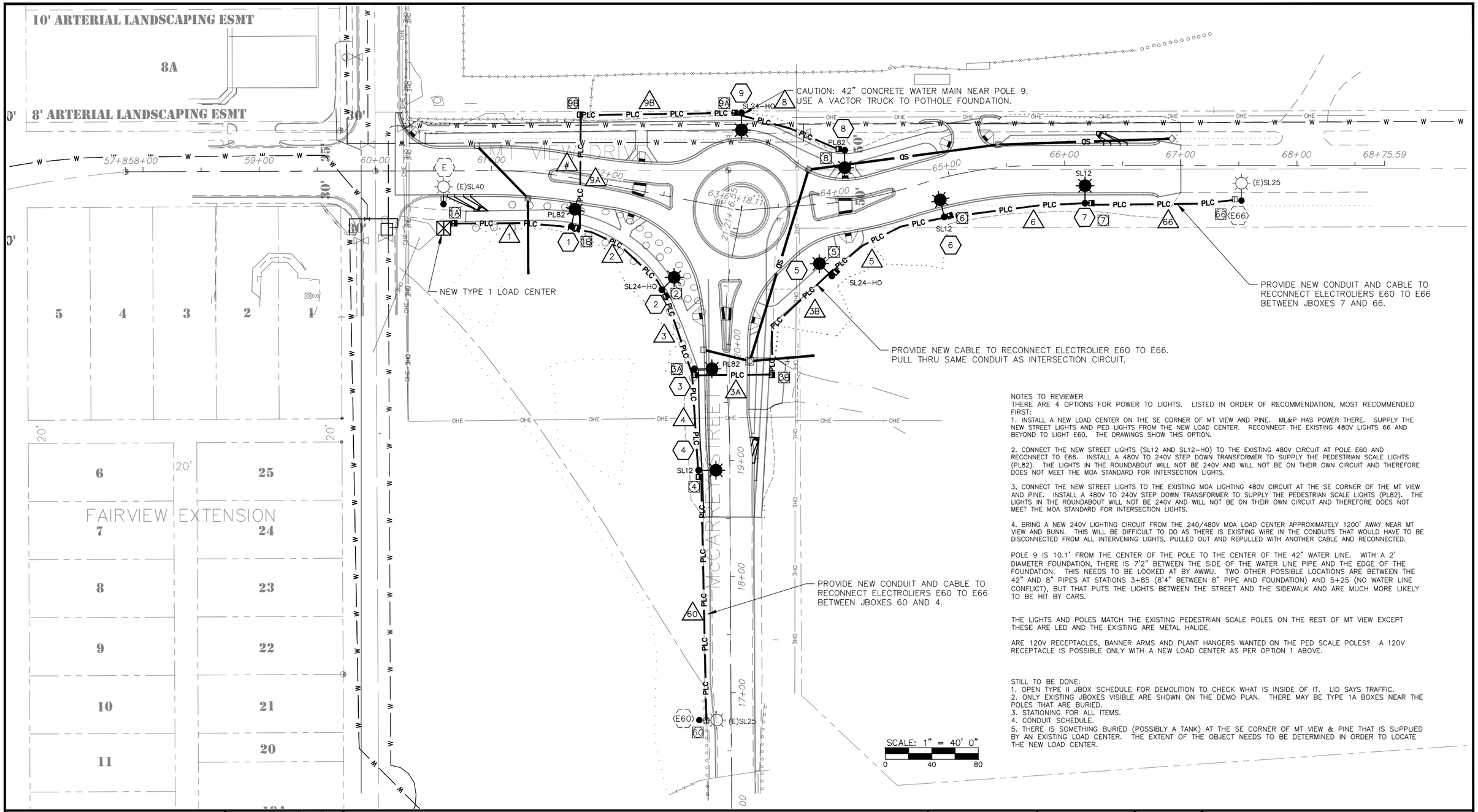
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

ILLUMINATION DEMO PLAN

PUBLIC WORKS DEPARTMENT

SCALE: AS SHOWN | DATE: 5-21-14 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 26 of 39



NOTES TO REVIEWER
THERE ARE 4 OPTIONS FOR POWER TO LIGHTS. LISTED IN ORDER OF RECOMMENDATION, MOST RECOMMENDED FIRST:
1. INSTALL A NEW LOAD CENTER ON THE SE CORNER OF MT VIEW AND PINE. ML&P HAS POWER THERE. SUPPLY THE NEW STREET LIGHTS AND PED LIGHTS FROM THE NEW LOAD CENTER. RECONNECT THE EXISTING 480V LIGHTS 66 AND BEYOND TO LIGHT E60. THE DRAWINGS SHOW THIS OPTION.

2. CONNECT THE NEW STREET LIGHTS (SL12 AND SL12-HO) TO THE EXISTING 480V CIRCUIT AT POLE E60 AND RECONNECT TO E66. INSTALL A 480V TO 240V STEP DOWN TRANSFORMER TO SUPPLY THE PEDESTRIAN SCALE LIGHTS (PL82). THE LIGHTS IN THE ROUNDABOUT WILL NOT BE 240V AND WILL NOT BE ON THEIR OWN CIRCUIT AND THEREFORE DOES NOT MEET THE MOA STANDARD FOR INTERSECTION LIGHTS.

3, CONNECT THE NEW STREET LIGHTS TO THE EXISTING MOA LIGHTING 480V CIRCUIT AT THE SE CORNER OF THE MT VIEW AND PINE. INSTALL A 480V TO 240V STEP DOWN TRANSFORMER TO SUPPLY THE PEDESTRIAN SCALE LIGHTS (PL82). THE LIGHTS IN THE ROUNDABOUT WILL NOT BE 240V AND WILL NOT BE ON THEIR OWN CIRCUIT AND THEREFORE DOES NOT MEET THE MOA STANDARD FOR INTERSECTION LIGHTS.

4. BRING A NEW 240V LIGHTING CIRCUIT FROM THE 240/480V MOA LOAD CENTER APPROXIMATELY 1200' AWAY NEAR MT VIEW AND BUNN. THIS WILL BE DIFFICULT TO DO AS THERE IS EXISTING WIRE IN THE CONDUITS THAT WOULD HAVE TO BE DISCONNECTED FROM ALL INTERVENING LIGHTS, PULLED OUT AND REPULLED WITH ANOTHER CABLE AND RECONNECTED.

POLE 9 IS 10.1' FROM THE CENTER OF THE POLE TO THE CENTER OF THE 42" WATER LINE. WITH A 2' DIAMETER FOUNDATION, THERE IS 7'2" BETWEEN THE SIDE OF THE WATER LINE PIPE AND THE EDGE OF THE FOUNDATION. THIS NEEDS TO BE LOOKED AT BY AWWU. TWO OTHER POSSIBLE LOCATIONS ARE BETWEEN THE 42" AND 8" PIPES AT STATIONS 3+85 (8'4" BETWEEN 8" PIPE AND FOUNDATION) AND 5+25 (NO WATER LINE CONFLICT), BUT THAT PUTS THE LIGHTS BETWEEN THE STREET AND THE SIDEWALK AND ARE MUCH MORE LIKELY TO BE HIT BY CARS.

THE LIGHTS AND POLES MATCH THE EXISTING PEDESTRIAN SCALE POLES ON THE REST OF MT VIEW EXCEPT THESE ARE LED AND THE EXISTING ARE METAL HALIDE.

ARE 120V RECEPTACLES, BANNER ARMS AND PLANT HANGERS WANTED ON THE PED SCALE POLES? A 120V RECEPTACLE IS POSSIBLE ONLY WITH A NEW LOAD CENTER AS PER OPTION 1 ABOVE.

STILL TO BE DONE:
1. OPEN TYPE II JBOX SCHEDULE FOR DEMOLITION TO CHECK WHAT IS INSIDE OF IT. LID SAYS TRAFFIC.
2. ONLY EXISTING JBOXES VISIBLE ARE SHOWN ON THE DEMO PLAN. THERE MAY BE TYPE 1A BOXES NEAR THE POLES THAT ARE BURIED.
3. STATIONING FOR ALL ITEMS.
4. CONDUIT SCHEDULE.
5. THERE IS SOMETHING BURIED (POSSIBLY A TANK) AT THE SE CORNER OF MT VIEW & PINE THAT IS SUPPLIED BY AN EXISTING LOAD CENTER. THE EXTENT OF THE OBJECT NEEDS TO BE DETERMINED IN ORDER TO LOCATE THE NEW LOAD CENTER.

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PROFILE	KE	KE
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WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
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ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
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PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

ILLUMINATION PLAN

PUBLIC WORKS DEPARTMENT

SCALE: AS SHOWN | DATE: 5-21-14 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 27 of 39

LIGHTING LEGEND

DEMO	EXISTING	PROPOSED	
			UTILITY POLE
			SIGNAL POLE
			LUMINAIRE
			LOAD CENTER
			SIGNAL CONTROLLER CABINET
			TYPE III JUNCTION BOX
			TYPE II JUNCTION BOX
			TYPE I OR TYPE IA JUNCTION BOX
D	E	#	SIGNAL OR LUMINAIRE POLE #
D	E	#	JUNCTION BOX #
D	E	#	CONDUIT RUN #
DLC	ELC	PLC	LIGHTING CONDUIT
DBC	EBC	PBC	BRANCH CIRCUIT CONDUIT

LUMINAIRE SCHEDULE

CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	INPUT WATTS	VOLTS	NOTE 1	QUANTITY
(D)SL25		(1) 250W HPS	EXISTING STREET LIGHT TO BE DEMOLISHED	MAGNETIC	POLE		250	480V 2P 2W		5
(E)SL25		(1) 250W HPS	EXISTING STREET LIGHT	MAGNETIC	POLE		250	480V 2P 2W	EXISTING STREET LIGHT SHOWN FOR CALC PURPOSES ONLY	2
(E)SL40		(1) 400W HPS	EXISTING STREET LIGHT	MAGNETIC	POLE		400	480V 2P 2W	EXISTING STREET LIGHT SHOWN FOR CALC PURPOSES ONLY	1
PL82		(82) LED	82 LED 7520 LUMENS, CHATEAU SERIES, HANG STRAIGHT, LRG SCALE CYCLINDER BODY WITH TOP SHADE	ELECTRONIC		STERNBERG LIGHTING, HS-1730LED-CA-4A1R45T3-MD_03	101.6	240V 2P 2W	POLE: STERNBERG 3315-P5-.250-RAL 7039, 15' HEIGHT	3
SL12		(120) LED	120 LED TYPE III MEDIUM 12540 ABSOLUTE LUMENS WITH BACKLIGHT CONTROL	DRIVER	POLE	CREE, INC., STR-LWY-3MB-HT-12-E-UL-525-40K	202	240V 2P 2W		3
SL12-HO		(20) LED	240 LED TYPE III MEDIUM 25800 ABSOLUTE LUMENS WITH BACKLIGHT CONTROL	DRIVER	POLE	CREE, INC., STR LWY 3ME HT 2F- US UL SV A 40K Q	273.1	240V 2P 2W	FIELD ADJUSTABLE OUTPUT	3

MT VEW WEST

AVERAGE FOOTCANDLES	1.72
MAXIMUM FOOTCANDLES	7.15
MINIMUM FOOTCANDLES	0.38
MINIMUM TO MAXIMUM FC RATIO	0.05
MAXIMUM TO MINIMUM FC RATIO	18.92
AVERAGE TO MINIMUM FC RATIO	4.57

ROUND ABOUT

AVERAGE FOOTCANDLES	2.38
MAXIMUM FOOTCANDLES	4.16
MINIMUM FOOTCANDLES	0.87
MINIMUM TO MAXIMUM FC RATIO	0.21
MAXIMUM TO MINIMUM FC RATIO	4.76
AVERAGE TO MINIMUM FC RATIO	2.72

MT VIEW EAST

AVERAGE FOOTCANDLES	0.97
MAXIMUM FOOTCANDLES	1.33
MINIMUM FOOTCANDLES	0.45
MINIMUM TO MAXIMUM FC RATIO	0.34
MAXIMUM TO MINIMUM FC RATIO	2.94
AVERAGE TO MINIMUM FC RATIO	2.16

MCCARRY

AVERAGE FOOTCANDLES	1.04
MAXIMUM FOOTCANDLES	2.10
MINIMUM FOOTCANDLES	0.56
MINIMUM TO MAXIMUM FC RATIO	0.27
MAXIMUM TO MINIMUM FC RATIO	3.76
AVERAGE TO MINIMUM FC RATIO	1.85

SIDEWALK SW

AVERAGE FOOTCANDLES	1.23
MAXIMUM FOOTCANDLES	2.58
MINIMUM FOOTCANDLES	0.16
MINIMUM TO MAXIMUM FC RATIO	0.06
MAXIMUM TO MINIMUM FC RATIO	16.11
AVERAGE TO MINIMUM FC RATIO	7.68

SIDEWALK NORTH

AVERAGE FOOTCANDLES	0.96
MAXIMUM FOOTCANDLES	2.61
MINIMUM FOOTCANDLES	0.25
MINIMUM TO MAXIMUM FC RATIO	0.10
MAXIMUM TO MINIMUM FC RATIO	10.49
AVERAGE TO MINIMUM FC RATIO	3.84

SIDEWALK SE

AVERAGE FOOTCANDLES	1.42
MAXIMUM FOOTCANDLES	2.76
MINIMUM FOOTCANDLES	0.75
MINIMUM TO MAXIMUM FC RATIO	0.27
MAXIMUM TO MINIMUM FC RATIO	3.69
AVERAGE TO MINIMUM FC RATIO	1.89

LIGHTING CALCULATIONS:

SEE PHOTOMETRIC SCHEDULES FOR DETAILS.

I CERTIFY THAT THE LIGHTING FOR THIS PROJECT MEETS OR EXCEEDS MUNICIPALITY OF ANCHORAGE MINIMUM DESIGN CRITERIA FOR ROADWAY LIGHTING OF COLLECTOR, MEDIUM CONFLICT STREETS: 0.9 FC AVERAGE MAINTAINED ILLUMINATION 4:1 UNIFORMITY (AVE TO MIN) NOT EXCEEDED, INTERSECTION OF A COLLECTOR/COLLECTOR FC AVERAGE OF 1.8 MIN, 4:1 UNIFORMITY NOT EXCEEDED.

James H Parker

JAMES H. PARKER, PE

NOTES:
1. LUMINAIRES: LED AS INDICATED IN LUMINAIRE SCHEDULE OR EQUAL. PROVIDE ONE SPARE ELECTROLIER L82 WITH POLE AND ALL FITTINGS, ONE SPARE LUMINAIRE SL12-7 AND SL120-HO TO MOA STREET LIGHTING MAINTENANCE.
2. STREET LIGHT POLES: MASS DETAIL 80-19, GALVANIZED STEEL, FLANGE MOUNTED POLE. POLES AND MAST ARMS SHALL BE DESIGNED FOR 100 MPH WINDS AND 130 MPH GUSTS IN CONFORMANCE WITH M.A.S.S 2009 REV
3. A COPY OF THE DESIGN COMPUTATIONS SHALL BE SUPPLIED BY THE MANUFACTURER IN ADDITION TO THE STANDARD SHOP DRAWINGS AND MATERIALS SUBMITTALS PRIOR TO INCORPORATION OF ANY LUMINAIRE, POLE OR MAST ARM INTO THE PROJECT. REFER TO MOA 2009 REV 3 STANDARD SPECIFICATIONS SECTION 80.05 ARTICLE 5.1 AND SECTION 80.06 ARTICLE 6.1.
3. STREET LIGHT FOUNDATIONS SHALL BE CONCRETE, MASS DETAIL 80-9.
4. BRANCH CIRCUIT WIRE: 3C/#8 XHHW, STRANDED COPPER WITH OVERALL POLYETHYLENE JACKET. ALL TAPS AND SPLICES SHALL BE DIRECT BURIAL RATED. SPLICE SHALL BE MADE IN THE POLE BASE, NOT THE J BOX. PROVIDE #8 GROUND WIRE IN ALL CONDUITS. ALL CONDUIT MUST BE LOCATED IN THE RIGHT OF WAY.
5. CONDUIT SCHEDULE: 2" RSC, BURIED 30".
7. JUNCTION BOXES: TYPE 1-A WITH "LIGHTING" ON COVER. BOND COVER TO GROUND RODS AND CONDUITS WITH #6 BRAID. SEE MOA DETAIL 80-26 TYPE 1A JUNCTION BOX.
8. COMPLY WITH 2011 EDITION OF THE NEC. ALL WORK TO BE PERFORMED BY ALASKA LICENSED ELECTRICIANS.
9. JUNCTION BOXES ARE TO BE LOCATED DOWNSTREAM OF THE POLES.
10. COMPLY WITH MOA 2009 STANDARD SPECIFICATIONS REVISION 3 AND DETAILS.
11. PROVIDE SCOTCHCAL 220 LABELS ON FRONT OF LOAD CENTER "LU" AND "MOA".
12. INSERT A LAMINATED COPY OF THE CIRCUIT DIRECTORY, POWER AND CONTROL ONE LINE DIAGRAMS INSIDE OF THE LOAD CENTER.
13. MAINTAIN MINIMUM SAFETY CLEARANCE FOR POLES AND EQUIPMENT OF 2' FROM SIDE WALK OR 7' BACK OF CURB IF NO PEDESTRIAN FACILITIES EXIST. (THIS INCLUDES JUNCTION BOXES BEING A MINIMUM OF 2' BACK OF SIDEWALK.)

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

DATA	DRAWN BY	CHECKED BY
BASE	WHP	KE
TOPOGRAPHY	WHP	KE
PROFILE	KE	KE
STORM SEWER	WHP	KE
WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Northern Electrical Engineering Consulting, LLC
721 SESAME ST SUITE 2B ANCHORAGE, AK 99503 PHONE (907) 562-1552 FAX (907) 562-1530
JIMPARKER@GCI.NET

CONSULTANT

STATE OF ALASKA 49TH
James H. Parker EE 7733
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

PUBLIC WORKS DEPARTMENT
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PROJECT NO. 10-12
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INTERSECTION AND SAFETY IMPROVEMENTS

ILLUMINATION SCHEDULES

PUBLIC WORKS DEPARTMENT

SCALE: AS SHOWN | DATE: 5-21-14 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 28 of 39

POLE STATIONING

ELECTROLIER	STATION	CL OFFSET	MOUNTING HEIGHT	MAST ARM
1	STA +	RT	15'	NA
2	STA +	RT	40'	22'
3	STA +	RT	15'	NA
4	STA +	RT	40'	15'
5	STA +	RT	40'	22'
6	STA +	RT	40'	15'
7	STA +	RT	40'	15'
8	STA +	LT	15'	NA
9	STA +	LT	40'	22'

JBOX STATIONING

ELECTROLIER	STATION	CL OFFSET	
1A	STA +	X	
1B	STA +	X	
2	STA +	X	
3A	STA +	X	
3B	STA +	X	
4	STA +	X	
5	STA +	X	
6	STA +	X	
7	STA +	X	
8	STA +	X	
9A	STA +	X	
9B	STA +	X	

CONDUIT SCHEDULE

CONDUIT #	SIZE	LENGTH	FROM	TO	CONDUCTORS
1	2"	X	X	X	2 EACH 3C#8, 1 EACH 1C#8 GND
2	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
3A	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
3B	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
3C	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
4	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
5	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
6	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
7	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
8	2"				3C#8, 1C#8 GND
9A	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
9B	2"				2 EACH 3C#8, 1 EACH 1C#8 GND
60	2"				3C#8, 1C#8 GND
66	2"				3C#8, 1C#8 GND

LOAD CENTER NO. 1 TYPE: 1A UTILITY: ML&P

LOCATION: XXX

6 POLE, 30 AMP CONTACTOR

PANEL A 120/240 VOLTS SINGLE PHASE 3 WIRE

100 AMPS MAIN LUGS, 10,000 AMPS INTERRUPT CAPACITY

CKT. DESCRIPTION	KVA	AMP		AMP	KVA	CKT. DESCRIPTION
MAIN BREAKER 100/2			1 2			
			3 4			
INTERSECTION LIGHTING 20/2	X	X	5 6	0.1	0.1	15/2 CONTROL CIRCUIT
			7 8			
PEDSTRIAN SCALE LIGHTING 20/2	X	X	9 10			
			11 12			

N

SCALE: NTS
APPROVED:
REVISED: 03-02-01

PANEL SCHEDULE FOR WIRING DIAGRAM "F"

SECTION: 80.14
DETAIL #: 80-49

1. DATA PROVIDED BY: _____
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RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	WHP	KE
TOPOGRAPHY	WHP	KE
PROFILE	KE	KE
STORM SEWER	WHP	KE
WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS
DESIGN:
STAKING:
ASBUILT:
CONTRACTOR:
INSPECTOR:

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.

BASIS OF DATUM: 1972 N.G.S. ADJUSTED DATUM

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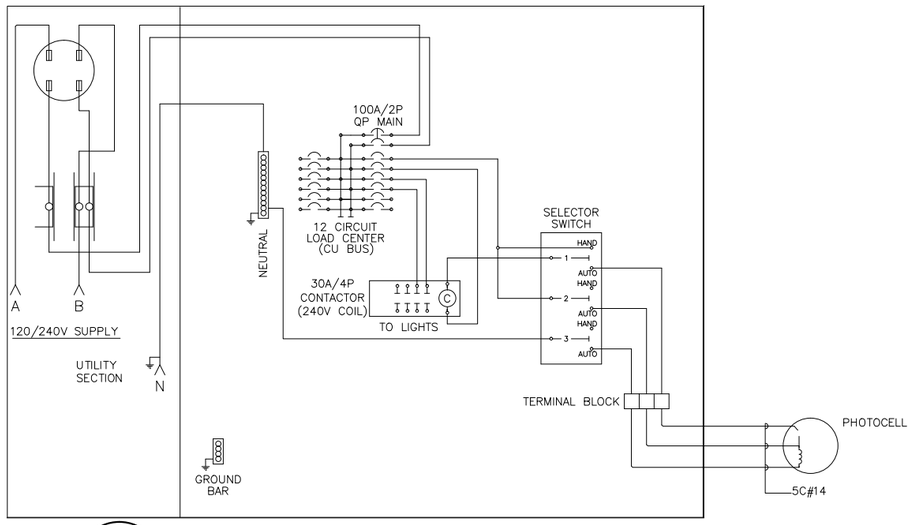
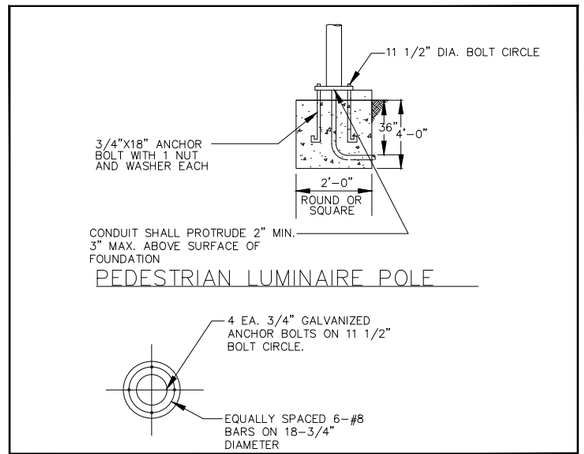
SCHEDULES

PUBLIC WORKS DEPARTMENT

SCALE: AS SHOWN | DATE: 5-21-14 | GRIDS: SW1136 & SW1137 | ACCT. NO.

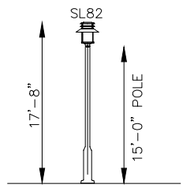


1 **LOAD CENTER 1 WIRING DIAGRAM**



PEDESTRIAN LUMINAIRE POLE

MUNICIPALITY OF ANCHORAGE	SCALE: NTS APPROVED: REVISED: 06/08	CONCRETE FOUNDATION PEDESTRIAN LIGHT POLE BASE	SECTION: 80.04 DETAIL #: 80-12A



2 **PEDESTRIAN LIGHT ELEV**

SCALE: NONE

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BASE	WHP	KE
TOPOGRAPHY	WHP	KE
PROFILE	KE	KE
STORM SEWER	WHP	KE
WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
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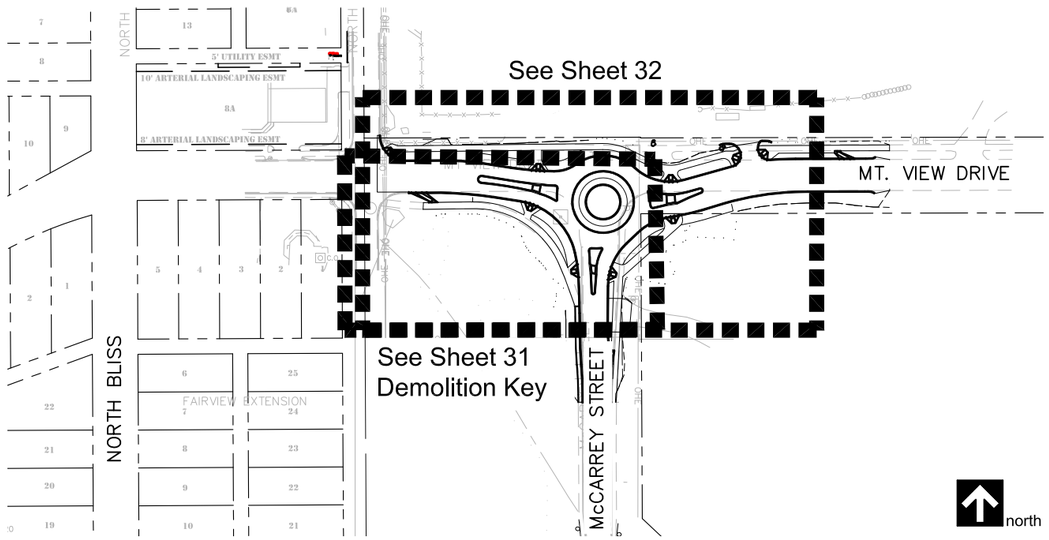
INTERSECTION AND SAFETY IMPROVEMENTS

DETAILS

PUBLIC WORKS DEPARTMENT

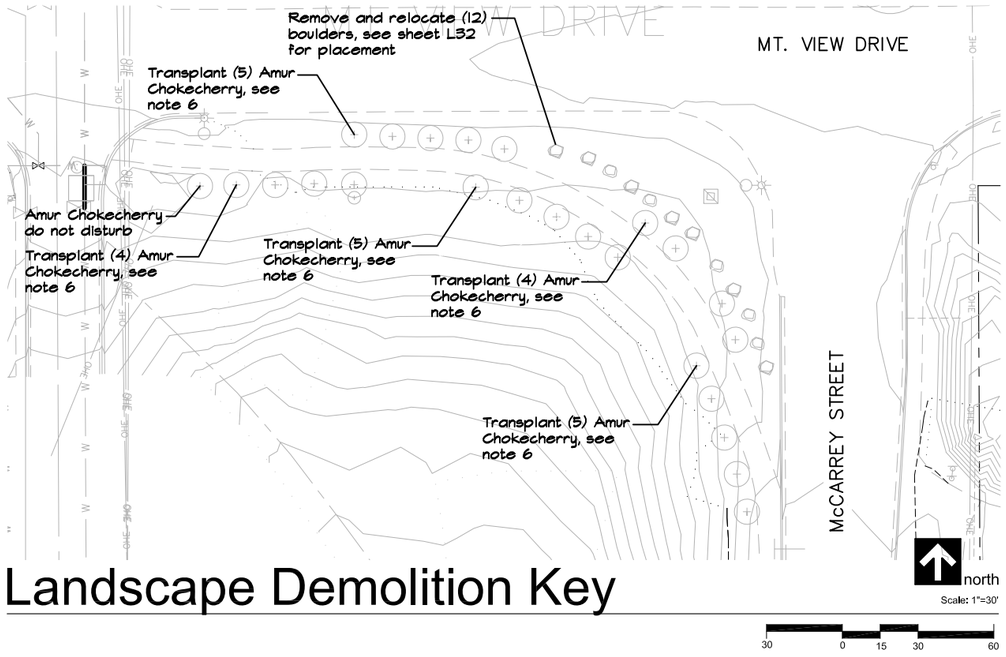
SCALE: AS SHOWN | DATE: 5-21-14 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 30 of 39



Mt. View/ McCarrey Roundabout Key Map

Scale: 1"=100'

100 0 50 100 200



Landscape Demolition Key

Scale: 1"=30'

30 0 15 30 60

Plant Schedule

Common Name	Botanical Name	Quantity	Spacing (min.)	Size	Notes
Trees-Large		15			
Birch	Betula papyrifera		10' o.c.	3" cal.	
Maple	Acer sp.		10' o.c.	3" cal.	
Spruce	Picea glauca		as shown	6' tall	Nursery grown
Trees-Small		40			
Amur Chokecherry	Prunus maackii		10' o.c.	3" cal.	
Amur Chokecherry, transplanted	Prunus maackii		as shown	3"-4" cal.	
Crabapple	Malus sp.		10' o.c.	3" cal.	
Shrubs		70			
Currant	Ribes nigrum		3' o.c.	36" tall	
Rose	Rosa rugosa		4' o.c.	36" tall	
Spirea, Goldflame	Spirea bumalda 'Goldflame'		2' o.c.	24" tall	
Perennials		2500			
Groundcover 1 (under 12") Groundcover 2 (12"-18") Groundcover 3 (16"-28")	Tridentata, Convallaria, Lupinus, Iris, and Veronica		12"-18"o.c.	1 gal.	

Notes

1. All plants shall meet American Standard for Nursery Stock (ANSI) Z60.1-2004 (American Nursery & Landscape Association (ANLA) 1200 G St., NW, Suite 800 Washington, DC 20005 www.anla.org)

2. Mulch continuously throughout all planting beds with 3" shredded bark mulch. Keep mulch 6" away from stems and trunks. Transition mulch to edging and adjacent surfaces. See mulch limit detail.

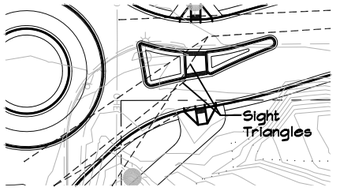
3. Topsoil and seed all disturbed areas, see civil for work limits. DO NOT SEED PLANTING BEDS. Topsoil depth shall be 4". On 2:1 and steeper slopes use BFM & MASS Schedule B (between path and ROW) and MASS Schedule D (between path and curb).

4. See planting details for additional information.

5. Height to spread ratio of evergreen trees equal 5 (height):3 (spread). Evergreens to be fully branched to ground.

6. Transplanted trees shall be flagged in the field by the Landscape Architect & contractor to determine any issues or concerns. Landscape Architect to flag transplanted trees. Transplanted trees are to be moved and relocated in the same day. Protect transplanted trees from construction activity before and after transplanting with temporary fence.

7. Sight Triangles: Do not place obstacles within sight triangles that are over 30-inches tall and below 72-inches unless directed otherwise.



Boulder Schedule

Symbol	Type	Size	Quantity New	Quantity Relocated
	Large	4'x5'x5'	3	12
	Medium	3'x3'x4'	2	0
	Small	2'x3'x3'	2	0

Note:
See Detail 4, Sheet 35. Location and orientation to be under direction of the Landscape Architect. Transport and stockpile without breaking, scraping, or damaging boulders.

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BASE	WHP	KE
TOPOGRAPHY	WHP	KE
PROFILE	KE	KE
STORM SEWER	WHP	KE
WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CONSULTANT: earthscape

SEAL

PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

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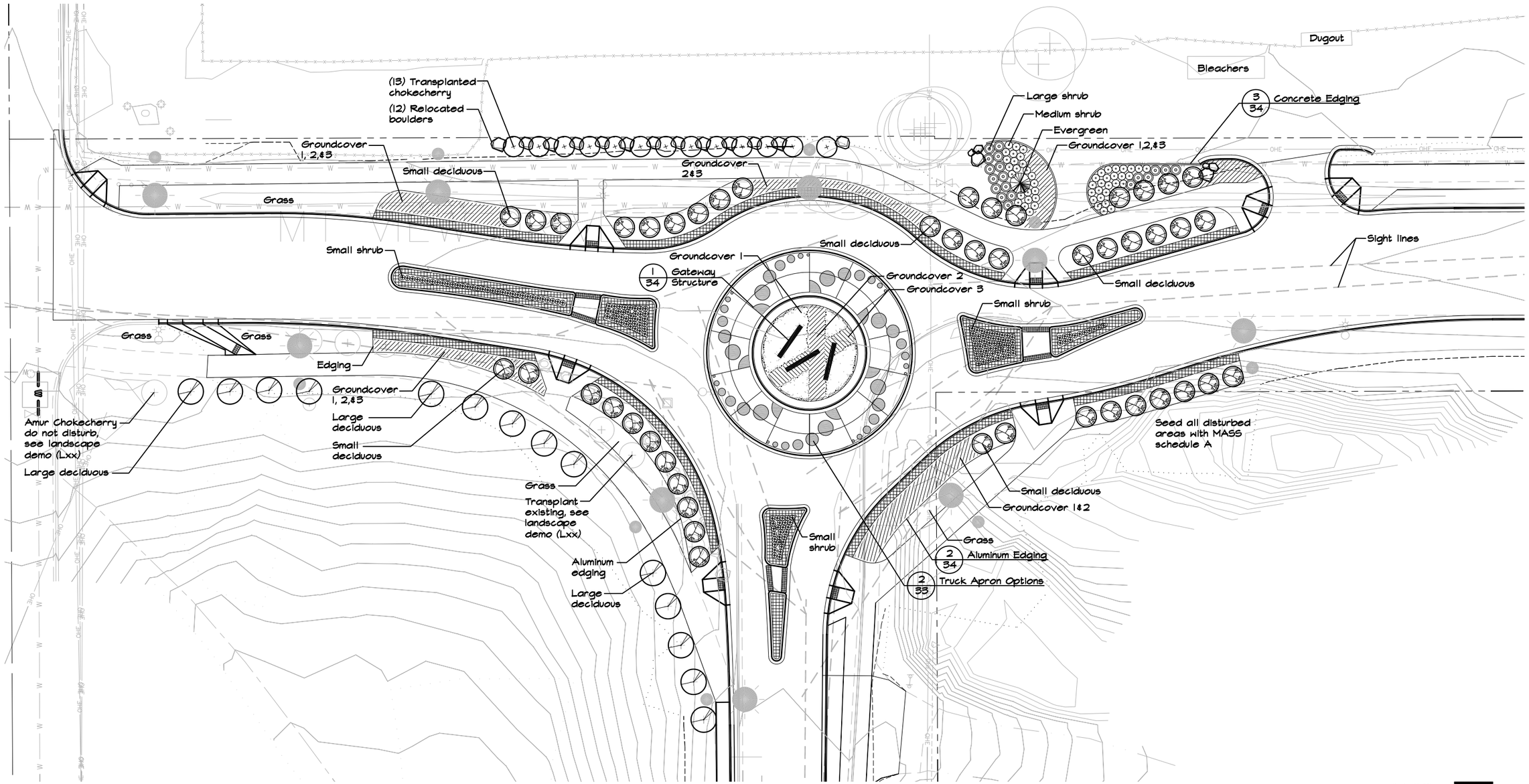
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

LANDSCAPE.PLAN

LOCATION

SCALE: AS SHOWN | DATE: 5/22/2014 | ACCT. NO. | GRIDS: SW1136 & SW1137 | SHEET 31 OF 39

H:\Projects\MtnView-McCarrey\65% MtView-McCarrey\65.5% L-1-MtView-McCarrey.dwg, 1:2, 5/22/14 at 16:09 by EARTHSCAPE



Landscape Plan

Scale: 1"=20'

20 0 10 20 40

north

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DATA	DRAWN BY	CHECKED BY
BASE	WHP	KE
TOPOGRAPHY	WHP	KE
PROFILE	KE	KE
STORM SEWER	WHP	KE
WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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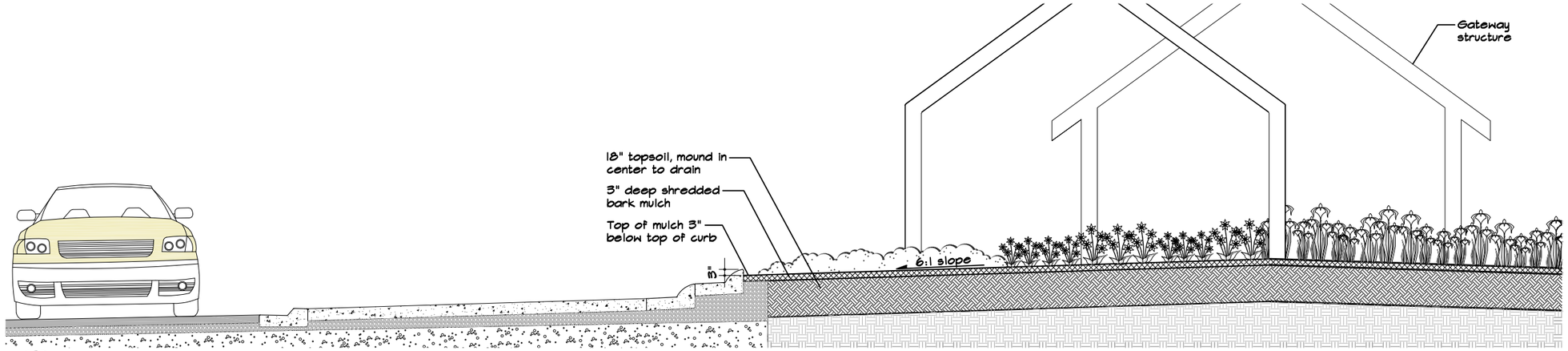
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

LANDSCAPE.PLAN

LOCATION

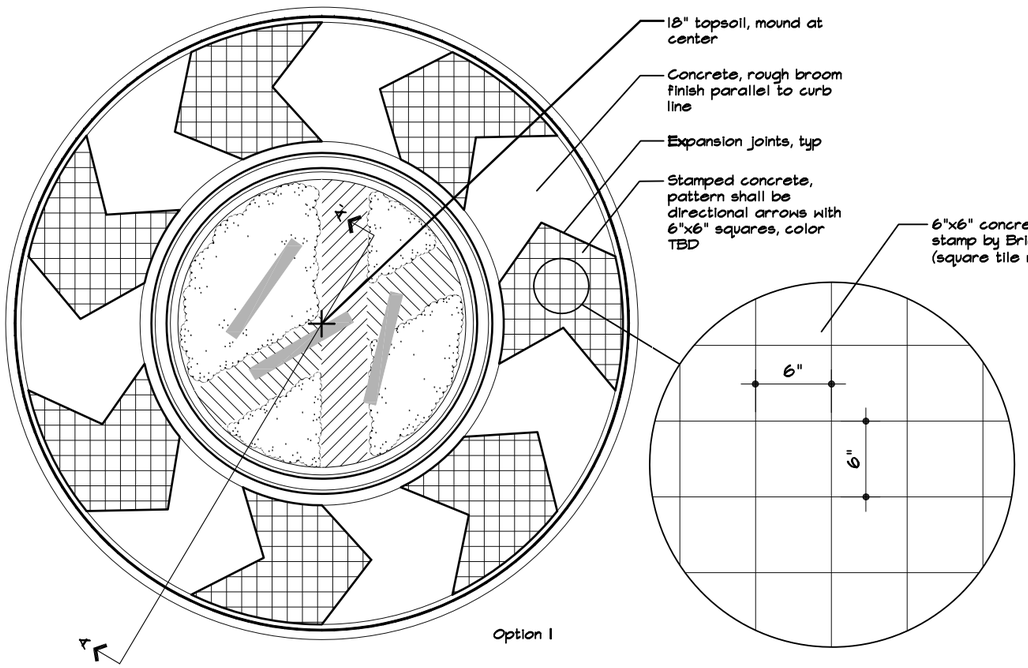
SCALE: AS SHOWN | DATE: 5/22/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 32 OF 39

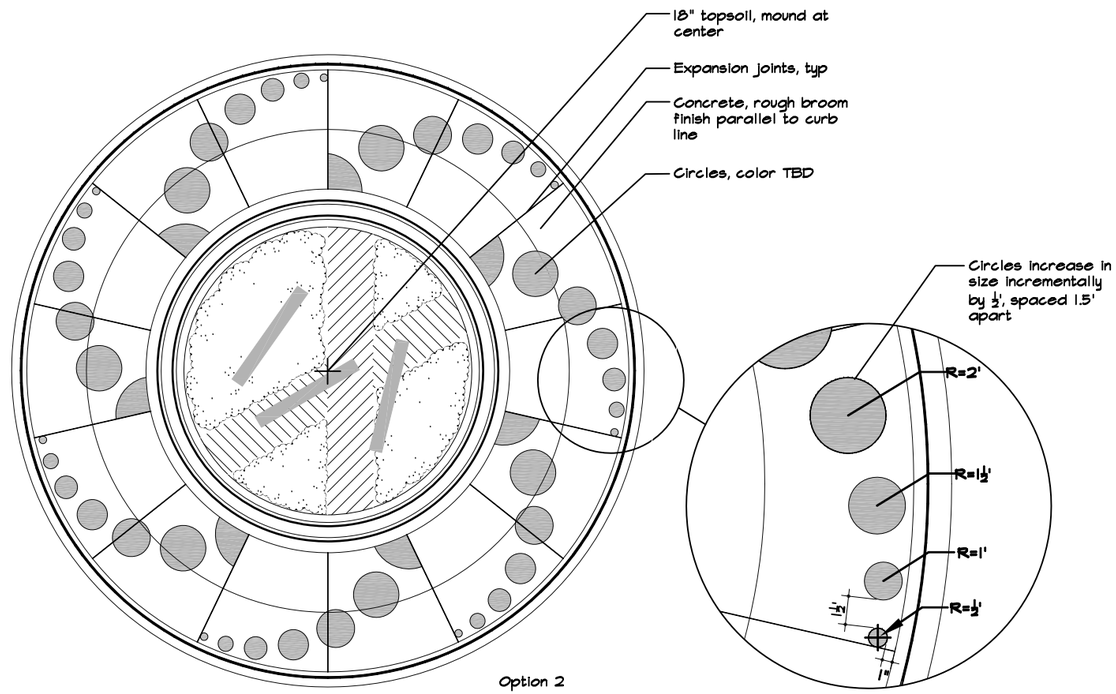


1
33

A-A' Typical Truck Apron Cross Section

SCALE: NTS





2
33

Truck Apron Plan (Stamped Concrete Options)

SCALE: NTS

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RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	WHP	KE
TOPOGRAPHY	WHP	KE
PROFILE	KE	KE
STORM SEWER	WHP	KE
WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

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MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

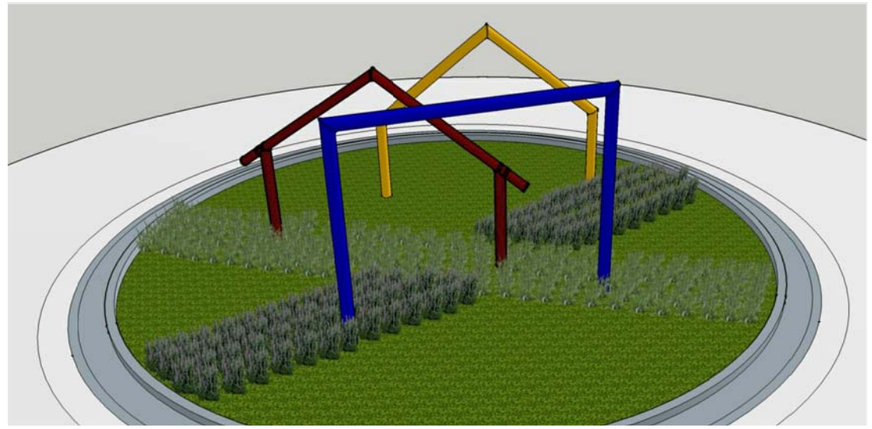
LANDSCAPE.DETAILS

LOCATION

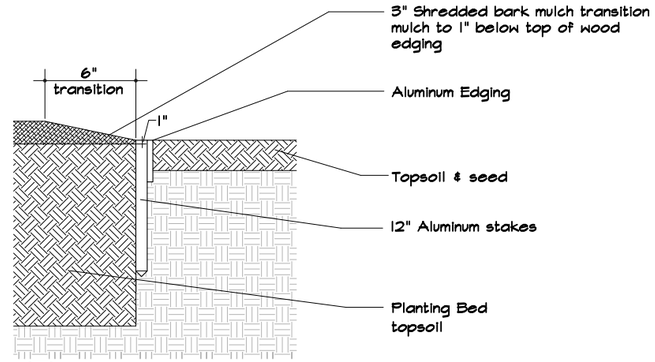
SCALE: AS SHOWN | DATE: 5/22/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 33 OF 39

H:\Projects\MtnView-McCarrey\65% MtView-McCarrey\65.5% L-1-MtView-McCarrey.dwg, 1:2, 5/21/14 at 16:48 by EARTHSCAPE

Existing Structures

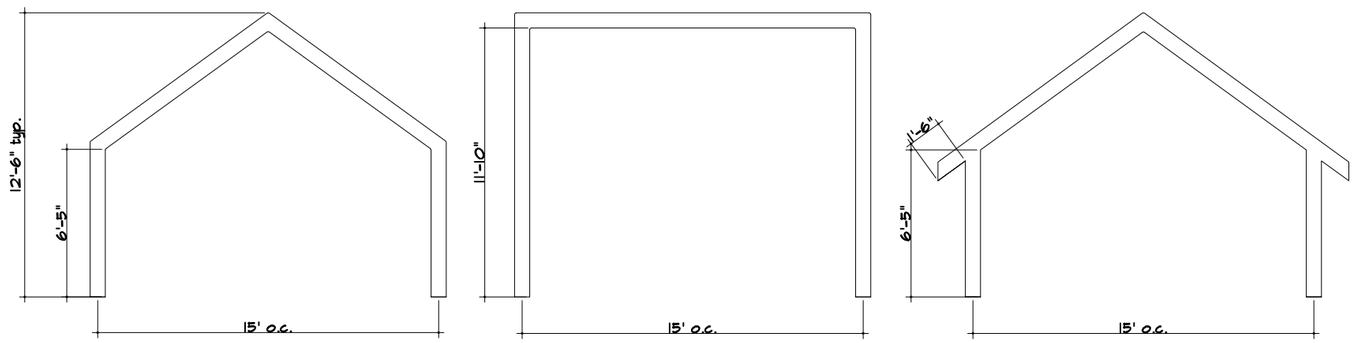


Proposed Perspective



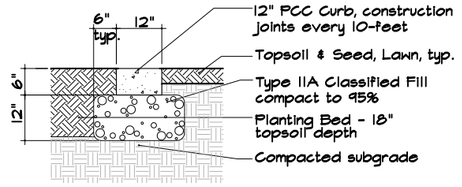
2 / 34 Aluminum Edging Detail

SCALE: NTS



1 / 34 Gateway Structure Detail

SCALE: NTS



3 / 34 Concrete Edging Detail

SCALE: NTS

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WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS

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STAKING:

ASBUILT:

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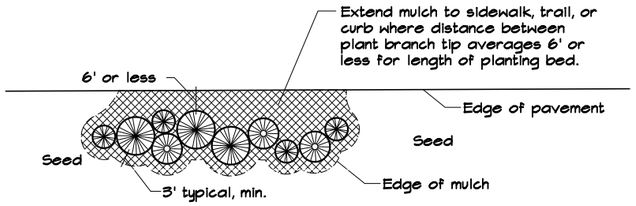
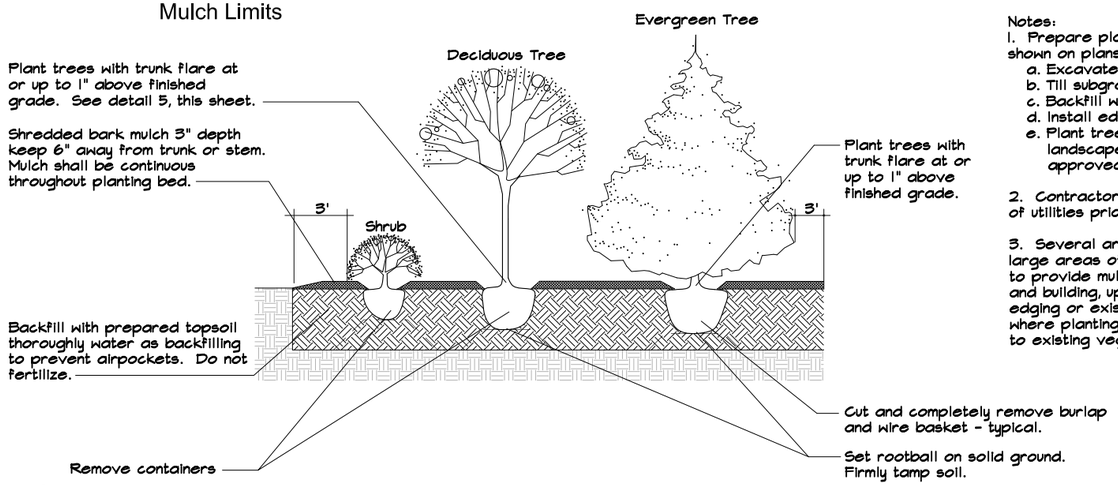


Mulch Limits



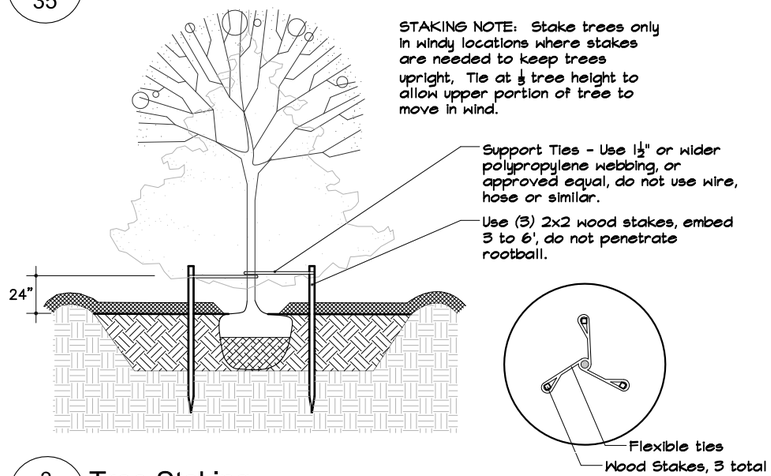
Notes:
1. Prepare planting bed as shown on plans:
   a. Excavate and remove soil
   b. Till subgrade
   c. Backfill with topsoil
   d. Install edging
   e. Plant trees and shrubs after landscape architect has approved staked locations

2. Contractor to verify location of utilities prior to excavation.

3. Several areas on plans require large areas of mulch. Contractor to provide mulch between plantings and building, up to property line, edging or existing vegetation, where planting beds are adjacent to existing vegetation.

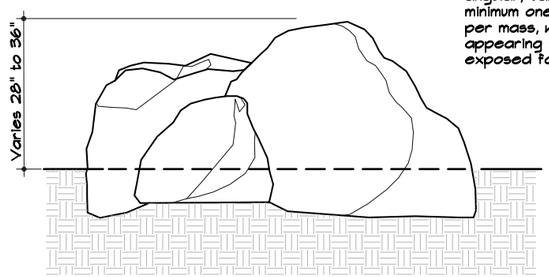
1 / 35 Planting Bed Detail

SCALE: NTS



3 / 35 Tree Staking

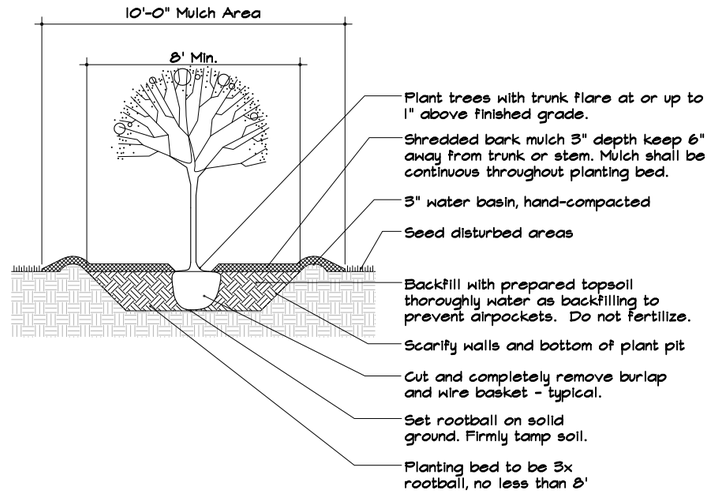
SCALE: NTS



Bury Rocks 1/3 -1/2. Place rocks as shown on plans. All rocks to abut one another. Engineer to supervise placement. Rocks to be angular, varied diameters, minimum one 4-foot tall rock per mass, with natural appearing fractures and exposed faces.

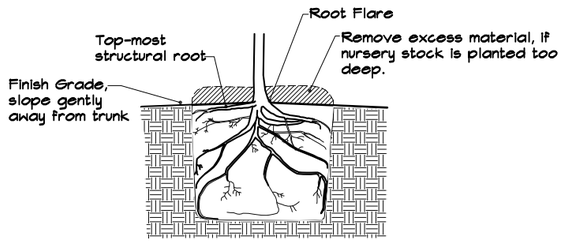
4 / 35 Boulder Detail

SCALE: NTS



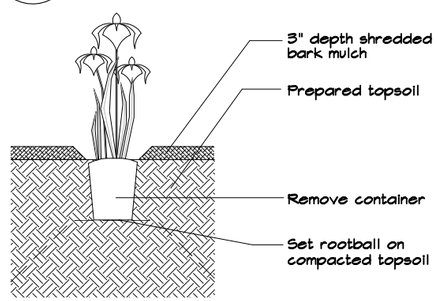
2 / 35 Single Tree Planting

SCALE: NTS



5 / 35 Planting Depth Detail

SCALE: NTS



6 / 35 Perennials

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TOPOGRAPHY	WHP	KE
PROFILE	KE	KE
STORM SEWER	WHP	KE
WATER/SANITARY SEWER	WHP	KE
GAS	WHP	KE
TELEPHONE/CABLE TV	WHP	KE
ELECTRIC	WHP	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS
DESIGN:
STAKING:
ASBUILT:
CONTRACTOR:
INSPECTOR:

CONSTRUCTION RECORD

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MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

LANDSCAPE.DETAILS

LOCATION

SCALE: AS SHOWN | DATE: 5/22/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 35 OF 39

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TRAFFIC CONTROL GENERAL NOTES:

1. THE TRAFFIC CONTROL PLAN (TCP) SHOWN ON THESE PLANS IS GENERAL IN NATURE AND ARE NOT PRE-APPROVED. THE CONTRACTOR SHALL SUBMIT A DETAILED TCP TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE STARTING ANY WORK, SEE M.A.S.S. DIVISION 10, SECTION 10.04, ARTICLE 4.3 – TRAFFIC CONTROL PLAN.
2. PROVIDE, INSTALL, MAINTAIN, MOVE AND REMOVE THE SPECIFIED TRAFFIC CONTROL DEVICES AND ACCESS ACCORDING TO MOA STANDARDS, CURRENT ALASKA TRAFFIC MANUAL, ALASKA SIGN DESIGN SPECIFICATION AND APPROVED TRAFFIC CONTROL PLAN (TCP) SETUPS.
3. MOUNT SIGNS SECURELY. MAINTAIN WORK SITE AND AFFECTED AREAS DAILY.
4. ALL SIGN DIMENSIONS ARE IN INCHES.
5. THE FINAL JUDGEMENT IN THE SELECTION NUMBER, AND APPLICATION OF THE TRAFFIC CONTROL DEVICES AND LOCATION OF ALL TRAFFIC CONTROL MEASURES WILL REST WITH THE ENGINEER.
6. COVER EXISTING SIGNS WHICH CONFLICT WITH CONSTRUCTION SIGNING.
7. CONSTRUCTION SIGNING SPECIFIED MAY BE ALTERED BY THE ENGINEER TO MEET CHANGING CONDITIONS AND TO PROTECT THE TRAVELING PUBLIC.
8. TYPE 'A' FLASHING WARNING LIGHTS SHALL BE USED IN CONJUNCTION WITH TYPE III BARRICADES, ROAD CLOSURE SIGNS, ADVANCE DETOUR SIGNING AND THE FIRST TYPE II BARRICADE ENCOUNTERED BY TRAFFIC WHEN USED FOR CHANNELIZING. TYPE 'C' STEADY BURN WARNING LIGHTS SHALL BE USED IN CONJUNCTION WITH REMAINING TYPE II BARRICADES USED FOR CHANNELIZING.
9. ALL CONSTRUCTION SIGNS SHALL HAVE HIGH LEVEL WARNING DEVICES ATTACHED.
10. WORK ZONES MAY OVERLAP DURING CONSTRUCTION UPON APPROVAL BY THE ENGINEER.
11. INTEGRATE TRAFFIC CONTROL WITH OTHER CONSTRUCTION IN THE AREA.
12. DETAILS NOT SHOWN, BUT NECESSARY TO IMPLEMENT THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH THE ALASKA TRAFFIC MANUAL AND MUTCD.
13. ALL SPECIAL SIGNS SHALL BE BLACK ON ORANGE BACKGROUND WITH BORDERS HAVING 1.5" RADIUS AND 0.75" THICKNESS.
14. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS PER M.A.S.S. 70.12, ARTICLE 12.3.
15. PEDESTRIAN FENCE SHALL HAVE R9-9 (SIDEWALK CLOSED) SIGNS MOUNTED AT BOTH ENDS OF THE WORK ZONE AND AT EVERY LOCATION PEDESTRIANS ARE LIKELY TO ENCOUNTER THE CLOSED PATHWAY.
16. INSTALL PEDESTRIAN FENCING AROUND OPEN EXCAVATIONS AT NIGHT.

NOTE: THIS TRAFFIC CONTROL PLAN (TCP) IS GENERAL IN NATURE AND IS NOT PRE-APPROVED. THE CONTRACTOR SHALL SUBMIT A DETAILED TCP TO THE MOA TRAFFIC DEPARTMENT FOR REVIEW BY THE MOA AND ADOT&PF. SUBMIT A TCP APPROVED BY BOTH THE MOA AND ADOT&PF BEFORE STARTING ANY WORK, SEE M.A.S.S. DIVISION 10, SECTION 10.04, ARTICLE 4.3 – TRAFFIC CONTROL PLAN.

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PROFILE	KE	KE
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WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

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REVISIONS

Kinney Engineering, LLC
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SUITE 203,
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CONSULTANT

STATE OF ALASKA
5/29/14
REVIEW
PROFESSIONAL ENGINEER

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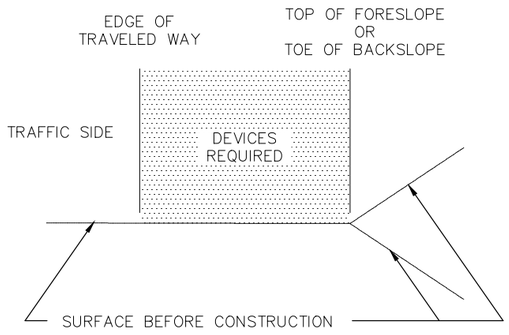
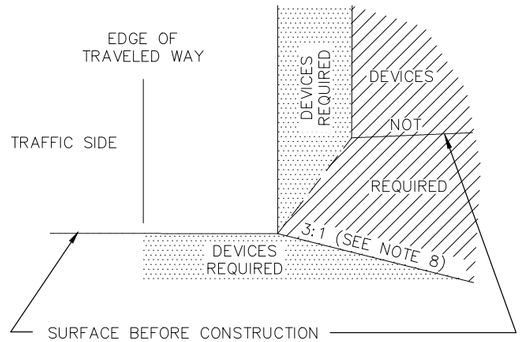
INTERSECTION AND SAFETY IMPROVEMENTS

TRAFFIC CONTROL PLAN

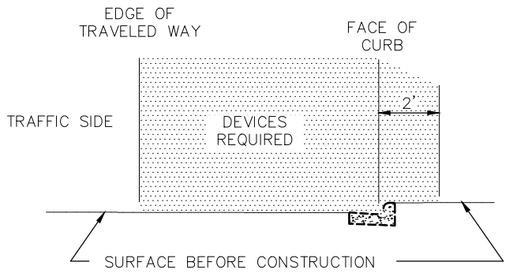
SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 36 of 39



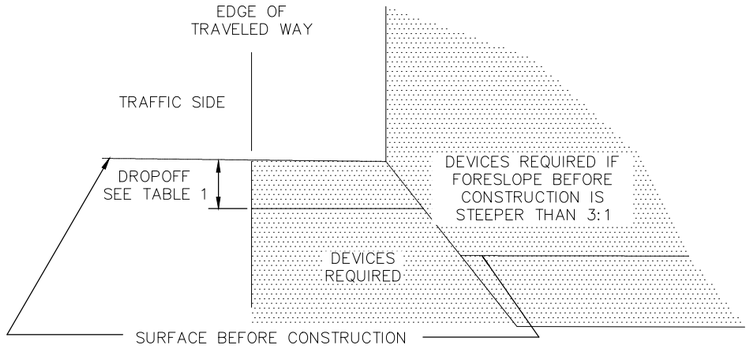
EMBANKMENT SECTION



BACKSLOPE SECTION



CURB AND GUTTER SECTION



FORESLOPE SECTION

LEGEND

- WORK AREA WHERE TRAFFIC CONTROL DEVICES ARE REQUIRED
- WORK AREA WHERE TRAFFIC CONTROL DEVICES ARE NOT REQUIRED
- SURFACE BEFORE CONSTRUCTION
- CONSTRUCTION AREA BOUNDARY

TABLE 1
TRAFFIC CONTROL DEVICES REQUIRED FOR VERTICAL DROPOFFS ≤ 4 FEET FROM TRAVELED WAY*

ROADWAY TYPE	DROPOFF ≤ 2"	2"< DROPOFF ≤ 12"	DROPOFF ≥ 12"
AVERAGE DAILY TRAFFIC > 4000 OR SPEED > 40 MPH	TAPER ASPHALT AT 1:1 OR ~45°	TYPE II BARRICADES OR DRUMS	TEMPORARY PORTABLE CONCRETE BARRIER OR TEMPORARY GUARDRAIL
ALL OTHER ROADWAYS	NONE REQUIRED	TUBULAR CANDLES OR DELINEATORS	TYPE II BARRICADES OR DRUMS

* SPACE THE DEVICES IN ACCORDANCE WITH REQUIREMENTS FOR SPACING TYPE II BARRICADES AND DRUMS SET FORTH IN THE ALASKA TRAFFIC MANUAL.

NOTES:

1. TRAFFIC CONTROL DEVICES REQUIRED BY THE GUIDELINES ON THIS SHEET ARE INTENDED FOR CONDITIONS WHICH WILL BE IN PLACE LONGER THAN ONE CONTINUOUS WORK SHIFT. AN APPROVED TRAFFIC CONTROL PLAN IS REQUIRED PRIOR TO BEGINNING WORK.
2. THE GROUND CROSS SECTION AT A LOCATION BEFORE CONSTRUCTION DETERMINES WHETHER TRAFFIC CONTROL DEVICES ARE NEEDED AT THE SAME LOCATION DURING CONSTRUCTION.
3. GUARDRAIL EXISTING AT A LOCATION BEFORE CONSTRUCTION SHALL REMAIN IN PLACE DURING CONSTRUCTION OR APPROVED ALTERNATE DEVICES INSTALLED.
4. INSTALL TRAFFIC CONTROL DEVICES BETWEEN THE EDGE OF TRAVELED WAY AND THE WORK AREA ON ANY ROADWAY OPENED TO TRAFFIC WHEN REQUIRED BY THIS DRAWING.
5. EXISTING ROADWAY ALIGNMENTS INSTALL TRAFFIC CONTROL DEVICES WHEN WORK OCCURS IN THE DEVICES REQUIRED AREAS SHOWN ON THIS DRAWING.
6. DETOURS, TEMPORARY ROADWAYS, OR NEW ROADWAYS NOT YET COMPLETE:
   INSTALL TRAFFIC CONTROL DEVICES WHEN ANY OF THE FOLLOWING CONDITIONS EXIST:

A. THE HORIZONTAL OR VERTICAL CURVATURE IS MORE SEVERE THAN BEFORE CONSTRUCTION BEGAN.
B. THE ROADWAY OR SHOULDER WIDTH IS LESS THAN BEFORE CONSTRUCTION BEGAN.
C. THE BACKSLOPE OR FORESLOPE IS STEEPER THAN BEFORE CONSTRUCTION BEGAN.
D. THE HEIGHT OF THE FORESLOPE IS GREATER THAN BEFORE CONSTRUCTION BEGAN.

7. DROPOFFS:
   INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE FORESLOPE SECTION DETAIL AND TABLE 1.
8. ON ANY NEWLY CONSTRUCTED SLOPE STEEPER THAN 4:1 TO 3:1 PROVIDE A TEN FOOT FLAT RECOVERY AREA AT THE TOE OF SLOPE OR INSTALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE FORESLOPE SECTION DETAIL.
9. TRAFFIC CONTROL DEVICE REQUIREMENTS:

A. ON ROADWAYS WITH A SPEED LIMIT GREATER THAN 40 MILES PER HOUR OR AVERAGE DAILY TRAFFIC VOLUME GREATER THAN 4000 VEHICLES PER DAY INSTALL TEMPORARY PORTABLE CONCRETE BARRIER OR TEMPORARY GUARDRAIL. ON MULTI-LANE ROADWAYS CLOSE THE LANE CLOSEST TO THE WORK AREA AND INSTALL DRUMS.

TERMINATE RUNS OF TEMPORARY PORTABLE CONCRETE BARRIER USING ONE OF THE FOLLOWING THREE METHODS:

I. TEMPORARY CRASH ATTENUATOR.
II. RIGID TO SEMI-RIGID GUARDRAIL TRANSITION WITH SLOTTED RAIL TERMINAL OR OTHER APPROVED CRASHWORTHY END TREATMENT.
III. FLARE THE ENDS OF THE TEMPORARY BARRIER AWAY FROM THE ROADWAY AT A RATE OF 15:1 ON A TRANSVERSE SLOPE OF 10:1 OR FLATTER TO THE OUTSIDE EDGE OF THE CLEAR ZONE AND INSTALL A SLOPING END TREATMENT, PER STANDARD DRAWING G-46.11.

TERMINATE RUNS OF TEMPORARY GUARDRAIL USING EITHER OF THE FOLLOWING TWO METHODS:

I. SLOTTED RAIL TERMINAL OR OTHER APPROVED CRASHWORTHY END TREATMENT.
II. FLARE THE ENDS OF THE TEMPORARY GUARDRAIL AWAY FROM THE ROADWAY AT A RATE OF 15:1 ON A TRANSVERSE SLOPE OF 10:1 OR FLATTER TO THE OUTSIDE EDGE OF THE CLEAR ZONE.

B. ON ALL OTHER ROADWAYS INSTALL TYPE II BARRICADES, DRUMS OR DELINEATORS WHEN DEVICES ARE REQUIRED. SPACE THE DEVICES IN ACCORDANCE WITH THE REQUIREMENTS FOR SPACING TYPE II BARRICADES AND DRUMS SET FORTH IN THE ALASKA TRAFFIC MANUAL.

10. DO NOT CONSTRUCT VERTICAL DROP OFFS GREATER THAN 1.5" WITHIN THE TRAFFIC LANE OR ACTIVE WHEEL TRACK. PROVIDE 2' OF SHY DISTANCE FROM EDGE OF ALL TRAFFIC CONTROL DEVICES TO THE EDGE OF THE TRAVELED WAY.

NOTE: THIS TRAFFIC CONTROL PLAN (TCP) IS GENERAL IN NATURE AND IS NOT PRE-APPROVED. THE CONTRACTOR SHALL SUBMIT A DETAILED TCP TO THE MOA TRAFFIC DEPARTMENT FOR REVIEW BY THE MOA AND ADOT&PF. SUBMIT A TCP APPROVED BY BOTH THE MOA AND ADOT&PF BEFORE STARTING ANY WORK, SEE M.A.S.S. DIVISION 10, SECTION 10.04, ARTICLE 4.3 – TRAFFIC CONTROL PLAN.

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DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

FIELD BOOKS	
DESIGN:	
STAKING:	
ASBUILT:	
CONTRACTOR:	
INSPECTOR:	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

Kinney Engineering, LLC
750 W. DIMOND BLVD, SUITE 203,
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CONSULTANT

STATE OF ALASKA – 5/29/14 REVIEW – PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

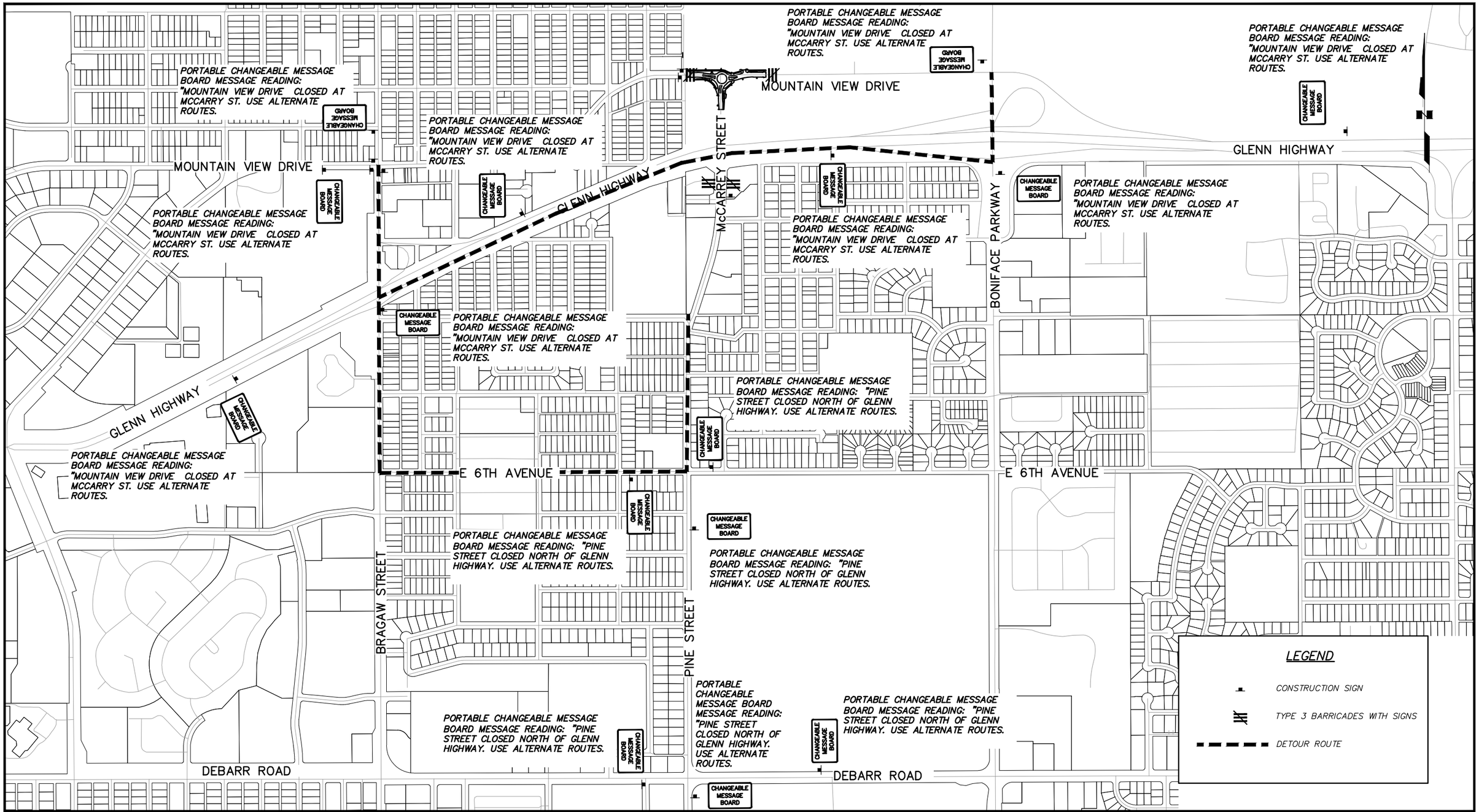
PUBLIC WORKS DEPARTMENT
PROJECT MANAGEMENT & ENGINEERING DIVISION

PROJECT NO. 10-12
MT. VIEW DRIVE/MCCARREY STREET
INTERSECTION AND SAFETY IMPROVEMENTS

TRAFFIC CONTROL PLAN

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 37 of 39

Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INXS\Civil3D\Plan Set Drawings\27-28-29-30_Traffic Control Plans.dwg, 1:2, 5/22/14 at 16:32 by IAIN.MCPHERSON



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1. DATA PROVIDED BY: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____
COMPANY: _____ DATE: _____
3. DATA TRANSFER CHECKED BY: _____
BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION). THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
BY: _____ TITLE: _____
COMPANY: _____ DATE: _____

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 400 0 400 800 1200 IN FEET

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

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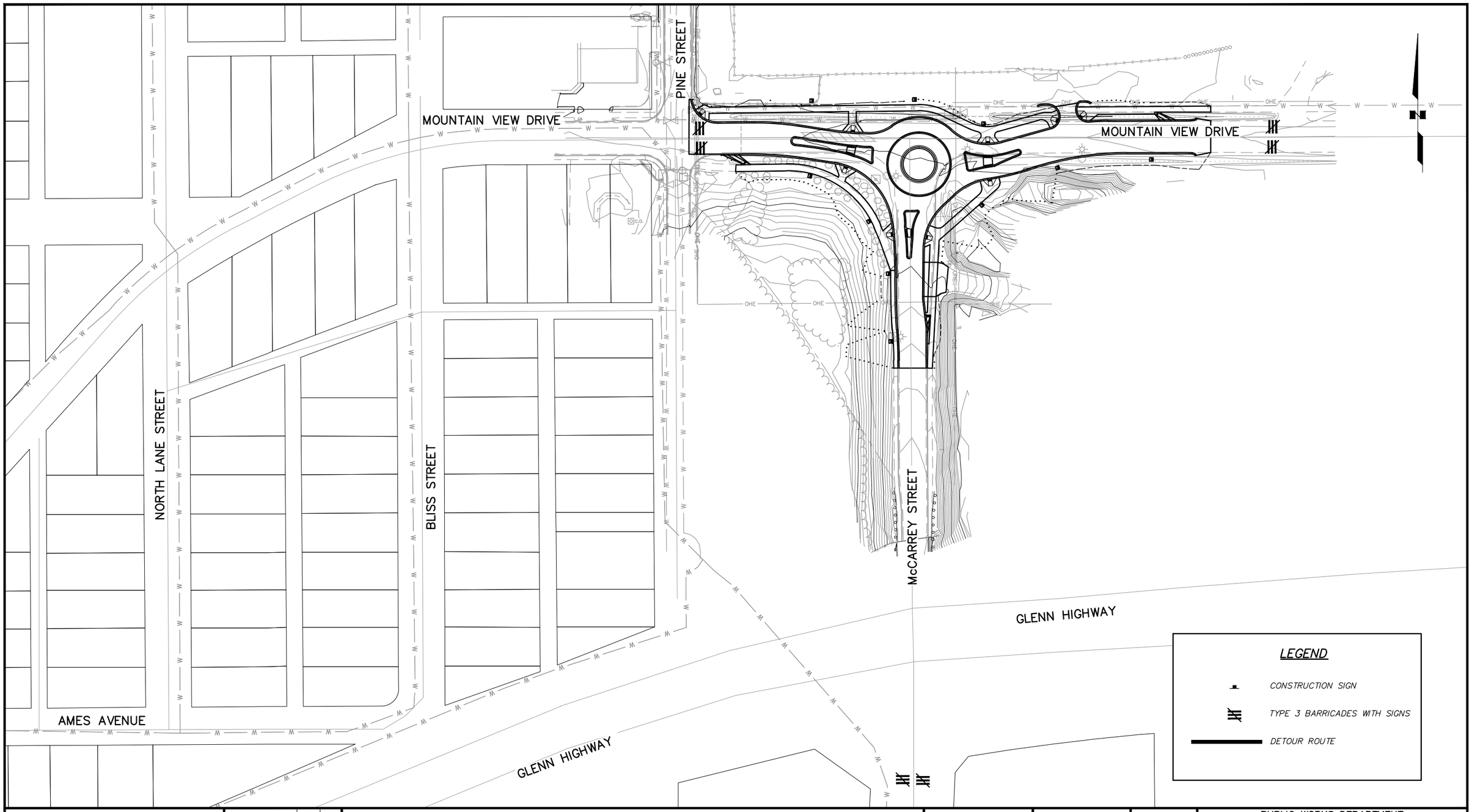
TRAFFIC CONTROL PLAN

SCALE: AS SHOWN | DATE: 5/29/2014 | GRIDS: SW1136 & SW1137 | ACCT. NO. | SHEET 38 of 39



Z:\PROJECTS\Muni\MTN View Dr and McCarrey St INVS\Civil3D\Plan Set Drawings\27-28-29-30_Traffic Control Plans.dwg, 1:2, 5/22/14 at 16:32 by IAIN.MCPHERSON

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   COMPANY: _____ DATE: _____

RECORD DRAWING

DATA	DRAWN BY	CHECKED BY
BASE	CRW	KE
TOPOGRAPHY	CRW	KE
PROFILE	KE	KE
STORM SEWER	KE	KE
WATER/SANITARY SEWER	CRW	KE
GAS	CRW	KE
TELEPHONE/CABLE TV	CRW	KE
ELECTRIC	NEECO	KE
DESIGN	KE	KE
QUANTITIES	KE	KE
MUNI. FINAL CHECK		

PLAN CHECK

HORIZONTAL GRAPHIC SCALE 100 0 100 200 300 IN FEET

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN:			
STAKING:			
ASBUILT:			
CONTRACTOR:	BASIS OF DATUM:	1972 N.G.S. ADJUSTED DATUM	
INSPECTOR:			

CONSTRUCTION RECORD | VERTICAL DATUM

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