



MUNICIPALITY OF ANCHORAGE PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

4TH AVENUE SIGNALS AND LIGHTING UPGRADE - G STREET TO E STREET

PM&E PROJECT NO 21-22



3909 ARCTIC BLVD, SUITE 400 ANCHORAGE, ALASKA 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102 APPROVED BY:

BRANDON TELFORD, P.E. MUNICIPAL ENGINEER

CONSTRUCTION NOTES

- UNLESS OTHERWISE NOTED, ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE 2015 MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS, (MASS), AS AMENDED AND
- 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. THE PERMITS SHALL BE MAINTAINED ON
- 3. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL, INCLUDING ARROW BOARD DEVICES FOR OVERHEAD INSPECTION AND LOCATE WORK PERFORMED BY MOA SIGNAL ELECTRONICS. CONTRACTOR SHALL BE ON-SITE AT COMPLETION OF LOCATES TO REVIEW LAYOUT AND MAKE STATIONING MEASUREMENTS FOR CONDUIT LOCATIONS. CONTRACTOR PROVIDED TRAFFIC CONTROL FOR OVERHEAD INSPECTION AND LOCATE WORK IS INCIDENTAL TO THE CONTRACT.
- 4. ALL STOP SIGNS AND STREET SIGNS SHALL REMAIN OPERATIONAL FOR THE DURATION OF THE PROJECT.
- 5. ALL IMPROVEMENTS ON PRIVATE PROPERTY ARE CONTINGENT UPON PROPERTY OWNER APPROVAL AND FINAL ROW NEGOTIATIONS.
- 6. ALL STATIONING IS CONSTRUCTION CENTERLINE UNLESS OTHERWISE NOTED. SEE SURVEY CONTROL DRAWINGS FOR HORIZONTAL AND
- 7. CURB STATIONING, OFFSETS AND DIMENSIONS SHOWN ON THE DRAWINGS ARE MEASURED TO TOP BACK OF CURB (TBC), UNLESS OTHERWISE NOTED.
- 8. UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE NOT EXACT. THE CONTRACTOR SHALL OBTAIN UTILITY LOCATES AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO VERIFY EXACT LOCATIONS OF BURIED UTILITIES IN THE FIELD USING A VACTOR TRUCK PER THE SPECIFICATIONS AND RECORD CURRENT LOCATIONS ON THE CONTRACTOR'S RECORD DRAWINGS.
- 9. EXISTING ELECTRIC, CABLE TELEVISION, TELEPHONE, STREET LIGHT, TRAFFIC SIGNAL, AND GAS LINES IN THE WORK AREA MAY REQUIRE CONTINUOUS SUPPORT AND / OR RELOCATION DURING EXCAVATION AND BACKFILLING OPERATIONS. DURING THE COURSE OF THE WORK UTILITY COMPANIES MAY RELOCATE SOME OF THEIR EXISTING FACILITIES. REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL COORDINATE WORK WITH EACH UTILITY COMPANY.
- 10. OVERHEAD ELECTRICAL LIGHTING CIRCUITS OCCUR WITHIN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE WORK ACCORDINGLY, ALL WORK IN CLOSE PROXIMITY TO EXISTING UTILITY LINES SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL STATUTES, CODES AND GUIDELINES; AND THE ELECTRICAL FACILITY CLEARANCE REQUIREMENTS OF THE GOVERNING UTILITY. CONTRACTOR SHALL HAND DIG WITHIN TWO FEET OF BURIED
- 11. SHORING OF UTILITY POLES, PADS, PEDESTALS, LOAD CENTERS, LIGHT POLES, SIGNAL POLES, AND OTHER EQUIPMENT ARE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL
- 12. A VAC TRUCK SHALL BE USED FOR EXCAVATION TO INSTALL SIGNAL AND LIGHT POLE FOUNDATIONS. THIS WORK SHALL BE INCIDENTAL TO CONTRACT

- 13. WATER RESULTING FROM CONTRACTOR'S DEWATERING EFFORTS 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 AND ENVIRONMENTAL PROTECTION AGENCY, ARE OBTAINED BY CONTRACTOR, UNDER NO CIRCUMSTANCES WILL CONTRACTOR BE ALLOWED TO DIVERT WATER FROM EXCAVATION ONTO ROADWAYS. CONTRACTOR SHALL PROVIDE DISPOSAL SITE FOR EXCESS WATER AND SHALL BE RESPONSIBLE FOR PROVIDING ALL COPIES OF REQUIRED PERMITS AND APPROVALS TO THE MOA ROW PERMIT
- 14. ALL ORGANICS ARE TO BE REMOVED FROM THE ROAD PRISM.
- 15. ALL STRUCTURAL FILL AND TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% DRY DENSITY AT OPTIMUM MOISTURE CONTENT OF ± 2%
- 16. CATCH BASIN LOCATIONS ARE IDENTIFIED BY STATION AND OFFSET FROM ROAD CENTERLINE TO TOP BACK AND MIDPOINT OF CURB BOX. CATCH BASIN ELEVATIONS REFERENCE TO THE EDGE OF PAVEMENT AND MIDPOINT OF CURB BOX. PIPE LENGTHS ARE MEASURED FROM CENTER TO CENTER OF STRUCTURES. PIPE SLOPES ARE DETERMINED BY MEASURING BETWEEN INSIDE FACE OF STRUCTURE.
- 17. ALL STORM DRAIN PIPES AND CATCH BASIN LEADS SHALL BE INSULATED (R-20) WHEN THE DEPTH OF COVER IS LESS THAN FOUR FEET PER MASS DETAILS 20-8, 20-9 AND SPECIFICATIONS.
- 18. FOR NEW AND ADJUSTED STORM DRAIN MANHOLES, POSITION THE CONE SO THAT THE MANHOLE LID IS OUTSIDE OF THE WHEEL PATH.
- 19. UNLESS OTHERWISE NOTED, ALL AWWU WATER VALVE BOXES AND SANITARY SEWER MANHOLES WITHIN CONSTRUCTION AREA SHALL BE ADJUSTED TO FINISH GRADE PER MASS OR THESE DRAWINGS MANHOLE LIDS AND WATER VALVE TOPS IN NEED OF REPLACEMENT, AS CONFIRMED BY THE ENGINEER, WILL BE FURNISHED TO THE CONTRACTOR AT NO COST TO THE PROJECT. COORDINATE WITH AWWU FOR ACQUIRING REPLACEMENTS.
- 20. IN PREPARATION FOR AND IMMEDIATELY PRIOR TO PAVING. THE CONTRACTOR SHALL REMOVE AN ADDITIONAL ONE FOOT FROM THE EXISTING PAVEMENT EDGE. THE ENGINEER MAY REQUIRE MORE THAN ONE FOOT ADDITIONAL CUT IF THE EXISTING PAVEMENT HAS BEEN LIFTED IN THE REMOVAL PROCESS, IF THE JOINT DOES NOT OCCUR ON UNDISTURBED MATERIAL, OR IF THE JOINT IS LOCATED WITHIN THE TRAVEL LANE. CUTS SHALL BE MADE WITH A SAW. TACK COAT SHALL BE APPLIED TO ALL JOINTS, REFERENCE MASS DETAIL 40-2. THIS WORK IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
- 21. WHEN EXCAVATING ADJACENT TO EXISTING TREES NOT DESIGNATED FOR REMOVAL, FOLLOW ANSI PRUNING STANDARDS FOR CONSTRUCTION AS IDENTIFIED IN MASS. THIS WORK WILL BE INCIDENTAL TO THE CONTRACT.
- 22. THE CONTRACTOR SHALL PROVIDE RECORD SURVEY NOTES FOR SUBMITTAL WITH THE RECORD DRAWINGS. CONTRACTOR SHALL RECORD THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD ON THE CONTRACTOR'S
- 23. PROVIDE AT LEAST ONE TEMPORARY BENCHMARK PER BLOCK ON EACH SIDE OF 4TH AVENUE WHERE SOIL CELLS WILL BE INSTALLED TO FACILITATE CONSTRUCTION AND INSPECTION OF SOIL CELLS.

| SHEET INDEX | | | | | | | | | | |
|-------------------|---|------------------|--|--|--|--|--|--|--|--|
| SHEET NO. | DESCRIPTION | WORK SCHEDULE | | | | | | | | |
| GENERAL | | | | | | | | | | |
| G1 | COVER SHEET | ALL | | | | | | | | |
| G2 | ALL | | | | | | | | | |
| G3 | LEGEND AND ABBREVATIONS | ALL | | | | | | | | |
| G4 | SHEET LAYOUT | ALL | | | | | | | | |
| G5 | CONSTRUCTION PHASING | ALL | | | | | | | | |
| G6 | CONSTRUCTION PHASING | ALL | | | | | | | | |
| G7 | WORK ZONE PEDESTRIAN CONTROL DETAILS | ALL | | | | | | | | |
| G8 | WORK ZONE PEDESTRIAN CONTROL DETAILS | ALL | | | | | | | | |
| G9 | 4TH AVENUE ROAD CLOSURE WITH DETOUR | ALL | | | | | | | | |
| SURVEY | • | | | | | | | | | |
| V1 | SURVEY CONTROL & EASMENTS | ALL | | | | | | | | |
| V2 | PERMIT INDEX MAP | ALL | | | | | | | | |
| DEMOLITION | | | | | | | | | | |
| B1 - B2 | DEMOLITION PLAN | A, B, & C | | | | | | | | |
| TYPICAL SECTIONS | | | | | | | | | | |
| C1 - C2 | TYPICAL SECTIONS | A | | | | | | | | |
| PLAN AND PROFILE | <u> </u> | <u>'</u> | | | | | | | | |
| R1 - R4 | ROADWAY PLAN AND PROFILE | A | | | | | | | | |
| R5 - R10 | CURBLINE PLAN AND PROFILE | A | | | | | | | | |
| GRADING | | | | | | | | | | |
| R11 - R16 | SIDEWALK AND CURB RAMP GRADING PLAN | A | | | | | | | | |
| STORM DRAIN DET | AILS | | | | | | | | | |
| SD2 - SD3 | STORM DRAIN DETAILS | A | | | | | | | | |
| SIGNING AND STRIF | PING | | | | | | | | | |
| S1 - S3 | SIGNING AND STRIPING PLAN | A | | | | | | | | |
| S4 - S9 | SIGN SUMMARY & SPECIAL SIGN DETAILS | A | | | | | | | | |
| ILLUMINATION AND | INTERCONNECT | <u> </u> | | | | | | | | |
| 11 - 15 | ILLUMINATION AND INTERCONNECT PLAN | В | | | | | | | | |
| 16 - 18 | LIGHTING SUMMARIES | В | | | | | | | | |
| 19 - 110 | LOAD CENTER SCHEDULES AND DETAILS | В | | | | | | | | |
| I11 - I19 | LIGHTING DETAILS | В | | | | | | | | |
| SIGNALIZATION | | I | | | | | | | | |
| J1 – J3 | 4TH AVE AND G STREET SIGNALIZATION PLAN | В | | | | | | | | |
| J4 - J6 | 4TH AVE AND F STREET SIGNALIZATION PLAN | В | | | | | | | | |
| J7 - J11 | SIGNALIZATION DETAILS | A & B | | | | | | | | |
| LANDSCAPING | 1 | 1 | | | | | | | | |
| L100 - L101 | LANDSCAPING PLANS | С | | | | | | | | |
| L501 - L507 | LANDSCAPING DETAILS | C | | | | | | | | |

| | WORK SCHEDULE | |
|----------|---|--------------|
| SCHEDULE | DESCRIPTION | BID SCHEDULE |
| Α | ROADWAY AND STORM DRAIN IMPROVEMENTS | BASE BID |
| В | TRAFFIC SIGNALS AND ILLUMINATION IMPROVEMENTS | BASE BID |
| С | LANDSCAPING IMPROVEMENTS | BASE BID |

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

COMPANY:

__TITLE:__

KINNEY __DATE:_ TITLE: _DATE:_ __DATE:

1/31/23 65% DESIGN J SÜBMITTAL

1/31/2023

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

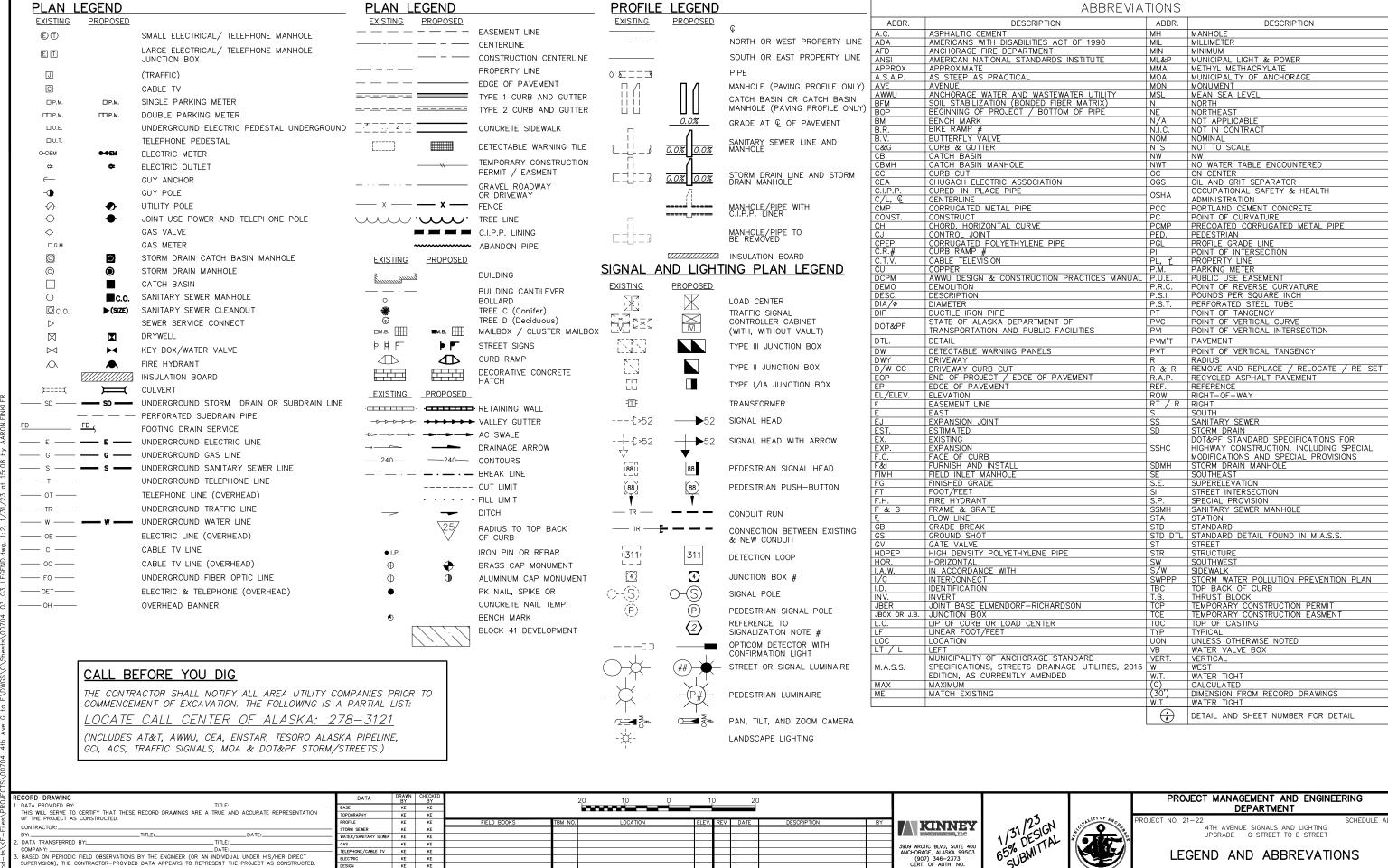
SHEET INDEX AND CONSTRUCTION NOTES

PROJECT MANAGEMENT AND ENGINEERING

DEPARTMENT

GRID 1230 DATE JAN 202 HOR. 1"=20 STATUS PRELIMINARY

G2 of G9



COMPANY: ___

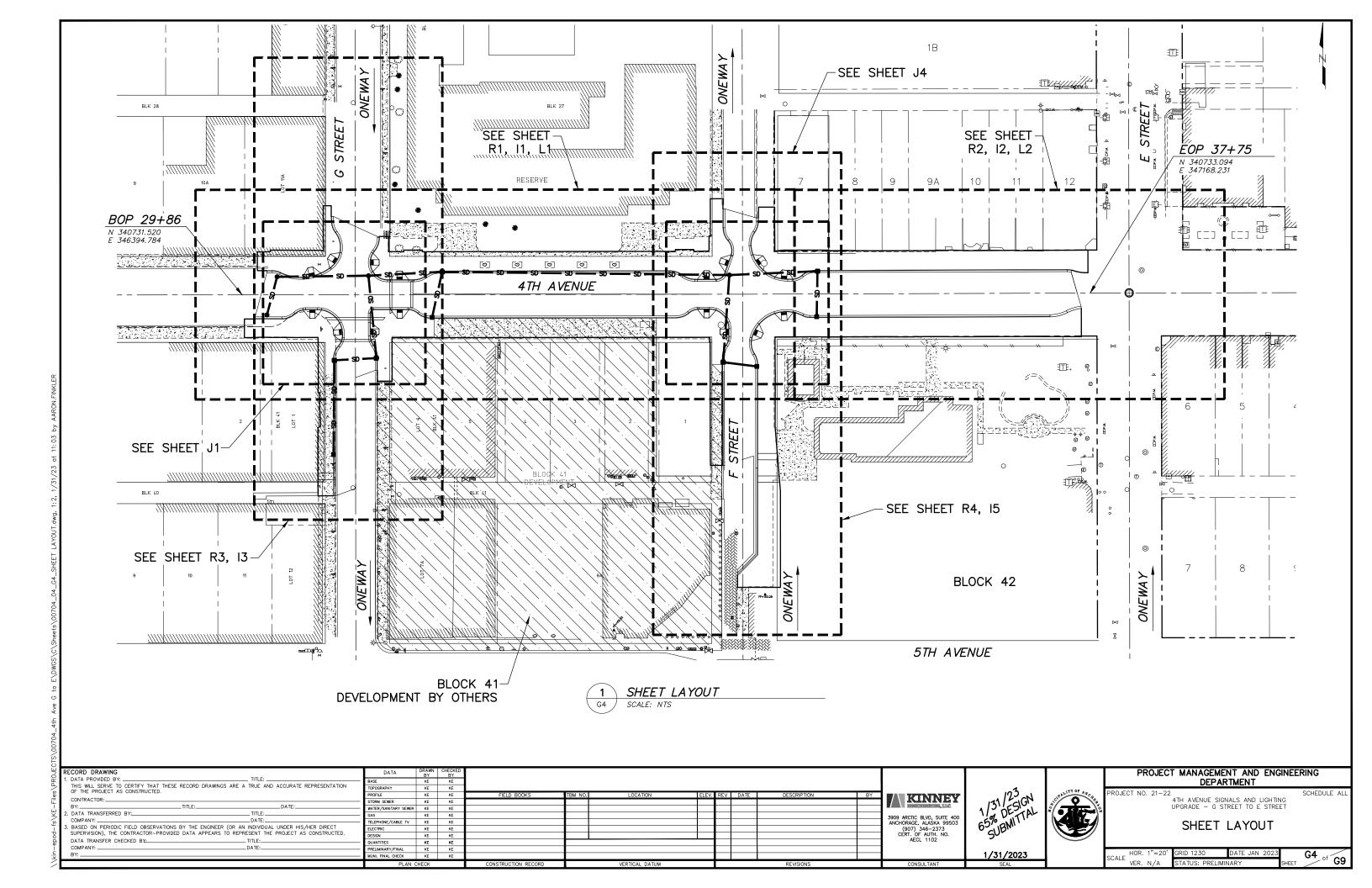
__DATE:_

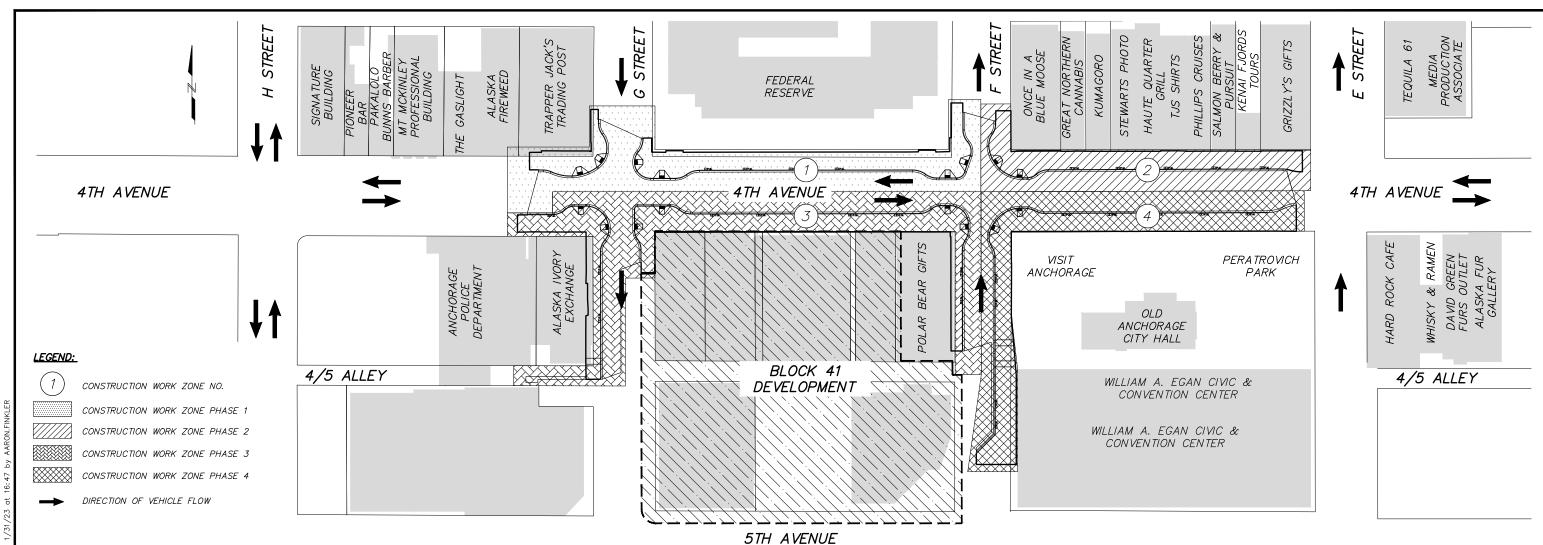
3909 ARCTIC BLVD, SUITE 400 ANCHORAGE, ALASKA 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102

SUBMITTAL 1/31/2023

GRID 1230 DATE JAN 202 HOR. 1"=20 CALE

G3 G9





GENERAL NOTES FOR ALL CONSTRUCTION PHASES:

- 1. SEE PROJECT MANUAL FOR LANE AND ROADWAY CLOSURE RESTRICTIONS AND OTHER REQUIREMENTS.
- 2. MAINTAIN PEDESTRIAN ACCESS THROUGHOUT CONSTRUCTION, SEE PROJECT MANUAL AND DRAWINGS FOR ADDITIONAL REQUIREMENTS
- 3. TEMPORARY PROVISIONS FOR DIRECTING STORM WATER DRAINAGE INTO CATCH BASINS MAY BE REQUIRED.
- 4. THE CONTRACTOR SHALL DEVELOP PROJECT SPECIFIC TRAFFIC CONTROL PLANS (TCPs) FOR APPROVAL BY THE ENGINEER AND MOA TRAFFIC DEPARTMENT.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ALASKA TRAFFIC MANUAL, MOA STANDARD SPECIFICATIONS, PROJECT MANUAL, AND THE FINAL APPROVED TCP.
- 6. APPROVED TRAFFIC CONTROL PLANS SHALL APPLY TO ALL PROJECT IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO ROADWAY, SIGNALIZATION, LIGHTING, LANDSCAPE, AND STORM DRAIN.
- 7. WARNING LIGHTS SHALL BE USED TO MARK CHANNELIZATION DEVICES AND BARRICADES AT NIGHT AS NEEDED.
- 8. ALL SIGNS SHALL HAVE HIGH INTENSITY FLASHING WARNING LIGHT DEVICES MOUNTED ABOVE THE SIGN LEGEND.
- SEE ALASKA TRAFFIC MANUAL (ATM) FOR ADDITIONAL INSTRUCTION AND/OR RESTRICTION ON THE USE OF TRAFFIC CONTROL DEVICES. THE ATM IS COMPRISED OF THE LATEST EDITIONS OF THE ALASKA TRAFFIC MANUAL SUPPLEMENT (ATMS) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). REFER THE LATEST EDITION OF ATM, FOR ALL TYPICAL DRAWINGS.
- 10. UNLESS OTHERWISE DIRECTED, CLASS "T" SIGNS AS DESIGNATED IN THE ALASKA SIGN DESIGN SPECIFICATION.
- 11. USE URBAN (LOW SPEED) FOR ADVANCE WARNING SIGN MINIMUM SPACING; AND S=30 MPH FOR SPACING OF SIGNS, CHANNELIZING DEVICES, AND TAPER LENGTHS.
- 12. SIGN AND CHANNELIZING DEVICE SPACING MAY BE LESS IF NECESSARY TO FIT BETWEEN BLOCKS.
- 13. SEE PROJECT MANUAL FOR ALLOWED WORK HOURS AND EXCEPTIONS.

PHASE 1 - NORTH SIDE OF 4TH AVENUE, G STREET TO F STREET:

- A. SET UP DETOUR AND CLOSE 4TH AVENUE FROM G STREET TO E STREET
- A. CLOSE G STREET AND F STREET
- B. PROVIDE TEMPORARY NORTH/SOUTH PEDESTRIAN CROSSING WEST OF R&R
- C. PROVIDE TEMPORARY CURB RAMPS
- D. ALLOW PEDESTRIANS TO USE SOUTH SIDE OF 4TH AVENUE
- E. ALLOW PEDESTRIANS TO USE NORTH SIDE OF 4TH ON FEDERAL PROPERTY
- F. DEMO SIDEWALK, C&G, CURB RAMPS, AND ASPHALT AS NEEDED TO INSTALL STORM DRAIN AND CONDUITS
- G. F&I STORM DRAIN MANHOLES S-1, S-2, S-5, S-8, S-10
- H. F&I STORM DRAIN PIPES P-1, P-2, P-6, P-8
- I. F&I SIGNAL FOUNDATIONS, CONDUIT, AND JUNCTION BOXES
- J. F&I LIGHT POLE FOUNDATIONS P1, P4, P5, P7, P9, P-12, P-14, P-17, STREET LIGHT POLE 1, LIGHTING JUNCTION BOXES, AND CONDUIT
- K. F&I PARTIAL CONDUIT CROSSINGS OF 4TH AVENUE
- L. F&I SOIL CELLS
- M. F&I SOIL CELL CONDUIT
- N. F&I RAISED TREE WELL RING
- O. F&I C&G, CURB RAMPS, AND SIDEWALK
- P. OPEN SIDEWALK TO PEDESTRIANS

PHASE 2 - NORTH SIDE OF 4TH AVENUE, F STREET TO E STREET:

- A. MAINTAIN 4TH AVENUE CLOSURE FROM G STREET TO E STREET
- MAINTAIN G STREET AND F STREET CLOSURES
- ALLOW PEDS TO USE SOUTH SIDE OF 4TH AVENUE
- ALLOW PEDESTRIANS TO USE NORTH SIDE SIDEWALK FROM G STREET TO F STREET
- ALLOW PEDESTRIANS TO USE NORTH HALF OF SIDEWALK FROM F STREET TO E STREET
- DEMO SOUTH HALF OF SIDEWALK, C&G, CURB RAMPS, AND ASPHALT AS NEEDED TO INSTALL NEW C&G AND STORM DRAIN
- G. F&I STORM DRAIN MANHOLE S-12
- I. F&I SIGNAL FOUNDATIONS, CONDUIT, AND JBOXES
- J. F&I LIGHT POLE FOUNDATIONS P21, P23, P24, P26, P28, LIGHTING JUNCTION BOXES, AND CONDUIT
- K. PROVIDE PEDESTRIAN DETOUR IN ON-STREET PARKING LANE AND PROVIDE TEMPORARY ADA CURB RAMPS AND ADA PEDESTRIAN RAMPS AS NECESSARY TO PROVIDE BUSINESS ACCESS
- L. DEMO NORTH HALF OF SIDEWALK
- M. F&I SOIL CELLS
- N. F&I SOIL CELL CONDUIT
- O. F&I RAISED TREE WELL RING
- P. F&I C&G, CURB RAMPS, AND SIDEWALK
- Q. OPEN SIDEWALK TO PEDESTRIANS

| RECORD DRAWING | DATA | DRAWN BY | CHECKED | | | | | | | | | |
|---|----------------------|-------------|---------|---------------------|---------|----------------|-------|-----|------|-------------|---------------|--------------------------------------|
| 1. DATA PROVIDED BY: | BASE | KE | KE | | | | | | | | | i I |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE | KE | | | | | | | | | i I |
| | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV. | REV | DATE | DESCRIPTION | BY | WAS TETRIBLESE |
| CONTRACTOR: | STORM SEWER | KE | KE | | | | | | | | $\overline{}$ | KINNEY |
| BY: | WATER/SANITARY SEWER | KE | KE | | | | | | | | | Biological and Street |
| 2. DATA TRANSFERRED BY:TITLE: | GAS | KE | KE | | | | | | | | | 3909 ARCTIC BLVD, SUITE 400 |
| COMPANY:DATE: | TELEPHONE/CABLE TV | KE | KE | | | | | | | | | ANCHORAGE, ALASKA 99503 |
| 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | ELECTRIC | KE | KE | | | | | | | | | (907) 346-2373 CERT. OF AUTH. NO. |
| SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | DESIGN | KE | KE | | | | | | | | | |
| DATA TRANSFER CHECKED BY:TITLE: | QUANTITIES | KE | KE | | | | | | | | | AECL 1102 |
| COMPANY:DATE: | PRELIMINARY/FINAL | KE | KE | | | | | | | | | 1 |
| BY: | MUNI. FINAL CHECK | KE | KE | | | | | | | | | ı |
| | DLAN | CLIECK | | CONCEDUCTION DECORD | | VEDTICAL DATUM | | | | DEVICIONS | $\overline{}$ | CONCULTANT |

1/31/2023

DEPARTMENT

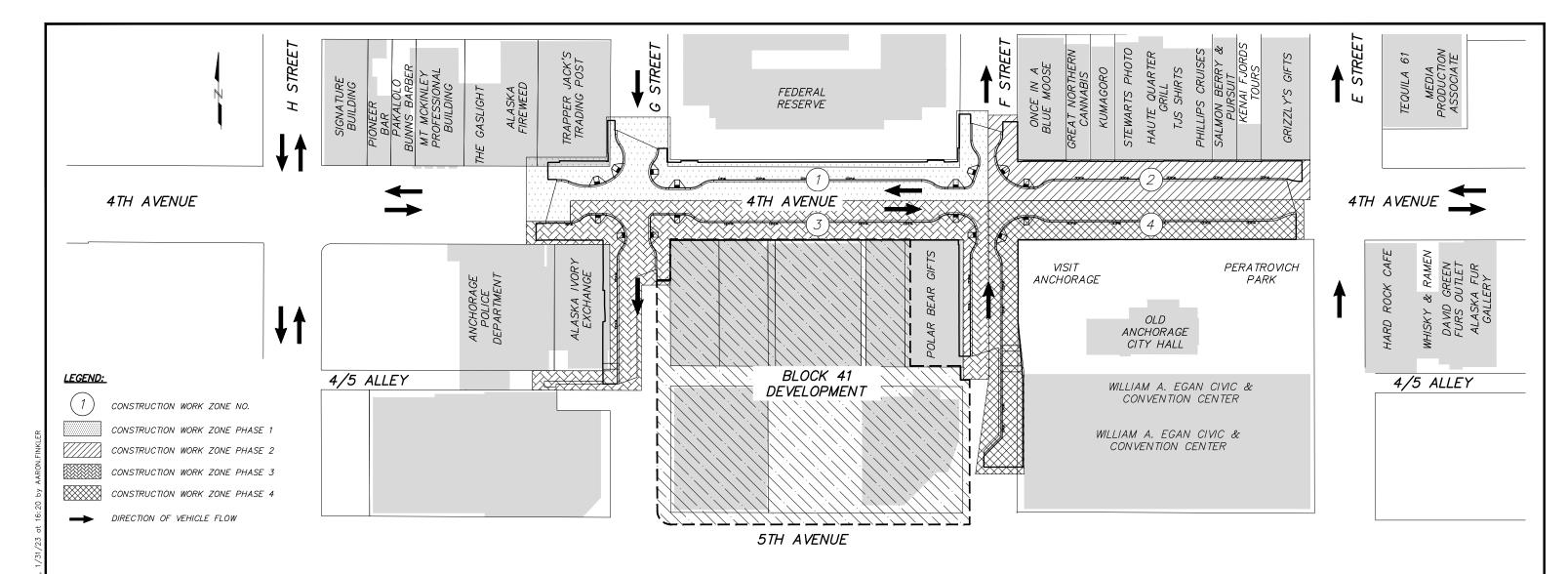
4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

CONSTRUCTION PHASING

PROJECT MANAGEMENT AND ENGINEERING

CALE





PHASE 3 - SOUTH SIDE OF 4TH AVENUE, G STREET TO F STREET PHASES:

- A. MAINTAIN 4TH AVENUE CLOSURE FROM G STREET TO E STREET
- B. MAINTAIN G STREET AND F STREET CLOSURES
- C. ALLOW PEDESTRIANS TO USE NORTH SIDE OF 4TH AVENUE
- D. DEMO SIDEWALK, C&G, CURB RAMPS, AND ASPHALT AS NEEDED TO INSTALL STORM DRAIN AND CONDUITS
- E. F&I STORM DRAIN MANHOLES S-3, S-4, S-6, S-7, S-9
- F. F&I STORM DRAIN PIPES P-3, P-4, P-5, P-6, P-7, P-9
- G. F&I FOUNDATIONS FOR LOAD CENTER "A" AND TRAFFIC SIGNAL CONTROLLER
- H. F&I NEW SIGNAL FOUNDATIONS, CONDUIT, AND JUNCTION BOXES
- I. F&I LIGHT POLE FOUNDATIONS P29, P30, P31, P35, P37, P16, LIGHTING JUNCTION BOXES, AND CONDUIT
- J. F&I CONDUIT FROM BLOCK 41 LIGHT P6 JUNCTION BOX TO TRAFFIC JUNCTION BOX G3
- K. F&I CONDUIT TO COMPLETE PARTIAL CONDUIT CROSSINGS OF 4TH AVENUE
- L. F&I C&G, CURB RAMPS, AND SIDEWALK
- M. F&I ELECTRICAL CABLES
- N. F&I LOAD CENTER AND CONTROLLER CABINETS
- O. F&I SIGNAL POLE AND LIGHTING STRUCTURES
- P. OPEN SIDEWALK TO PEDESTRIANS

PHASE 4 - SOUTH SIDE OF 4TH AVENUE, F STREET TO E STREET:

- A. MAINTAIN 4TH AVENUE CLOSURE FROM G STREET TO E STREET
- B. MAINTAIN F STREET AND G STREET CLOSURES
- C. ALLOW PEDESTRIANS TO USE NORTH SIDE OF 4TH AVENUE
- D. DEMO SIDEWALK, C&G, CURB RAMPS, ASPHALT
- E. ALLOW ENSTAR TO RELOCATE BLOCK 42 GAS LINE
- F. F&I STORM DRAIN MANHOLES S-11, S-13
- G. F&I STORM DRAIN PIPES P-10, P-12
- H. F&I FOUNDATIONS FOR LOAD CENTER "B" AND TRAFFIC SIGNAL
- I. F&I NEW SIGNAL FOUNDATIONS, CONDUIT, AND JUNCTION BOXES
- J. F&I LIGHT POLE FOUNDATIONS P32, P33, P34, P36, P18, P20, P25, P27, STREET LIGHT POLE 2, LIGHTING JUNCTION BOXES, AND CONDUIT
- K. F&I C&G, CURB RAMPS, AND SIDEWALK
- L. F&I ELECTRICAL CABLES
- M. F&I LOAD CENTER AND CONTROLLER CABINETS
- N. F&I SIGNAL POLE AND LIGHTING STRUCTURES
- O. OPEN SIDEWALK TO PEDESTRIANS

PHASE 5 (ALL AREAS):

- A. MAINTAIN 4TH AVENUE CLOSURE FROM G STREET TO E STREET
- B. MAINTAIN F STREET AND G STREET CLOSURES
- C. REMOVE REMAINING ASPHALT FROM ROADWAY
- D. FINISH ROAD GRADE, COMPACT, AND PAVE 1ST AND 2ND ASPHALT LIFTS
- E. INSTALL SIGNING AND PARKING METERS
- F. PAINT CURB AND INSTALL STRIPING
- G. MOA TO PROVIDE AND INSTALL TREES
- H. F&I TREE PROTECTION
- I. F&I BIKE RACKS

1/31/2023

J. REMOVE ALL ROAD CLOSURES AND DETOUR AND OPEN TO TRAFFIC

| ECORD DRAWING | DATA | DRAWN | CHECKED | | | • | | | | | | |
|--|----------------------|-------|----------|-------------|---------|----------|-------|-----|------|-------------|-----|--------------------------------------|
| . DATA PROVIDED BY: | RASE | KF. | BT KE | | | | | | | | | |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION | TOPOGRAPHY | KE | KE | | | | | | | | | 1 |
| OF THE PROJECT AS CONSTRUCTED. | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV. | REV | DATE | DESCRIPTION | BY | WAS TETATATETEE |
| CONTRACTOR: | STORM SEWER | KE | KE | | | | | | | | | KINNEY |
| BY: | WATER/SANITARY SEWER | KE | KE | | | | | | | | | HNGINHERING, LLC |
| P. DATA TRANSFERRED BY:TITLE: | GAS | KE | KE | | | | | | | | | 3909 ARCTIC BLVD, SUITE 400 |
| COMPANY:DATE: | TELEPHONE/CABLE TV | KE | KE | | | | | | | | T ' | ANCHORAGE, ALASKA 99503 |
| BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | ELECTRIC | KE | KE | | | | | | | | | (907) 346-2373 CERT. OF AUTH. NO. |
| SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | DESIGN | KE | KE | | | | | | | | i ' | CERT. OF AUTH. NO. |
| DATA TRANSFER CHECKED BY: | QUANTITIES | KE | KE | | | | | | | | | AECL 1102 |
| COMPANY: DATE: | | | | | | | | | | | - | 1 1 |

PROJECT MANAGEMENT AND ENGINEERING

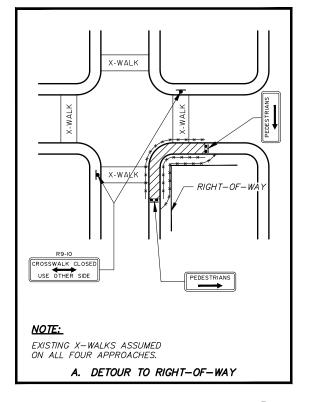
DEPARTMENT

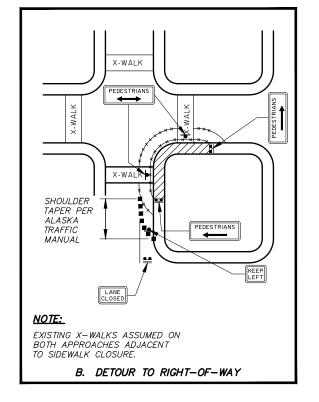
4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

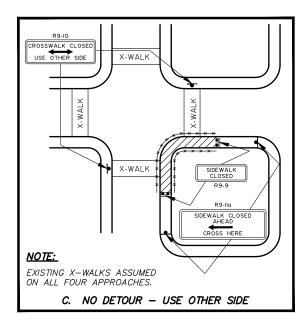
CONSTRUCTION PHASING

CALE

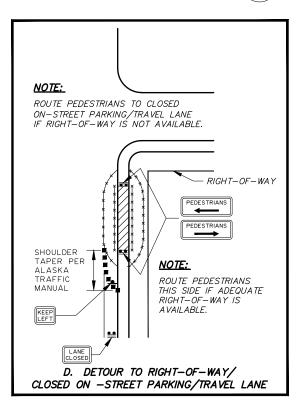
G6 of G9

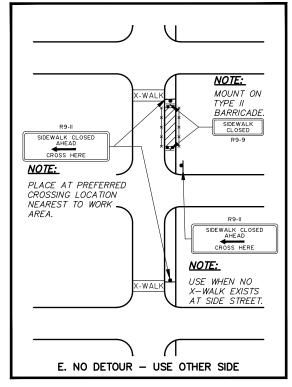


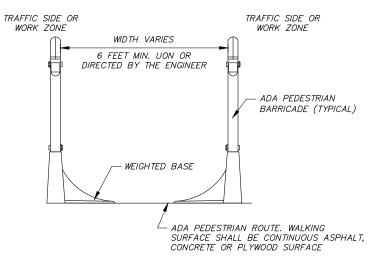




TYPICAL SIDEWALK CLOSURE AT INTERSECTIONS G7 NTS





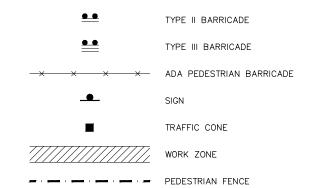


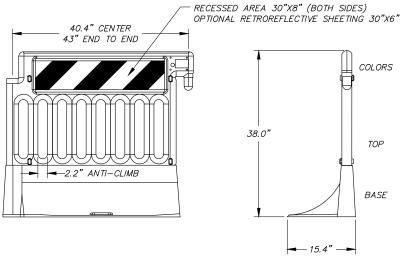
ં 3ે TYPICAL SECTION PEDESTRIAN DETOUR G7 NTS

NOTE:

- 1. LETTER SIZES ARE 3" UPPER CASE, SERIES C.
- 2. WHENEVER PEDESTRIAN TRAFFIC CONTROL DEVICES ARE NOT IN PLACE OR ARE REMOVED TEMPORARILY TO ACCOMMODATE CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL PROVIDE A WORKER TO DIRECT PEDESTRIANS ALONG THE PROPER ROUTE.
- 3. WHERE ROADWAYS ARE OPEN TO TRAFFIC USE WARNING LIGHTS IN ACCORDANCE WITH THE ALASKA TRAFFIC MANUAL DURING HOURS OF
- 4. OPENINGS IN CHANNELIZING DEVICES SHALL BE REQUIRED TO PROVIDE PEDESTRIAN ACCESS TO ADJACENT PROPERTIES.
- 5. ALL SURFACES SHALL BE ASPHALT, CONCRETE OR PLYWOOD.
- 6. SIDEWALKS ON ADJACENT SIDES OF THE ROAD WAY SHALL NOT BE CLOSED SIMULTANEOUSLY.

LEGEND





ADA PEDESTRIAN BARRICADE DETAIL G7 NTS

TYPICAL SIDEWALK CLOSURE AT MID-BLOCK LOCATIONS G7 NTS

DATA PROVIDED BY: THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. CONTRACTOR: ___ __TITLE:__ __DATE: DATA TRANSFERRED BY:_ COMPANY: ____ _DATE:_ 5. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. DATA TRANSFER CHECKED BY: COMPANY: _ __DATE:_

1/31/23 65% DESIGN KINNEY

1/31/2023

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

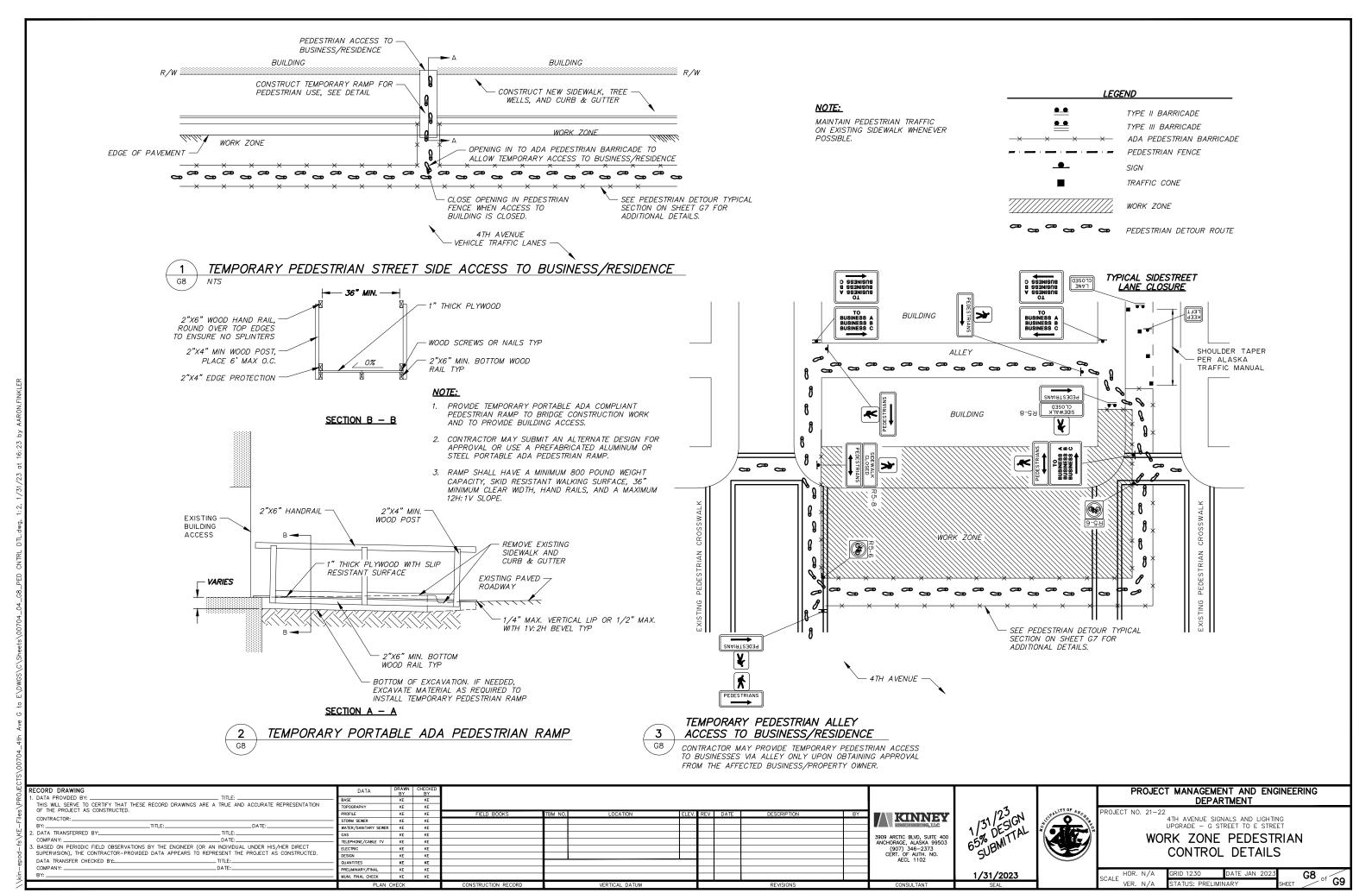
WORK ZONE PEDESTRIAN CONTROL DETAILS

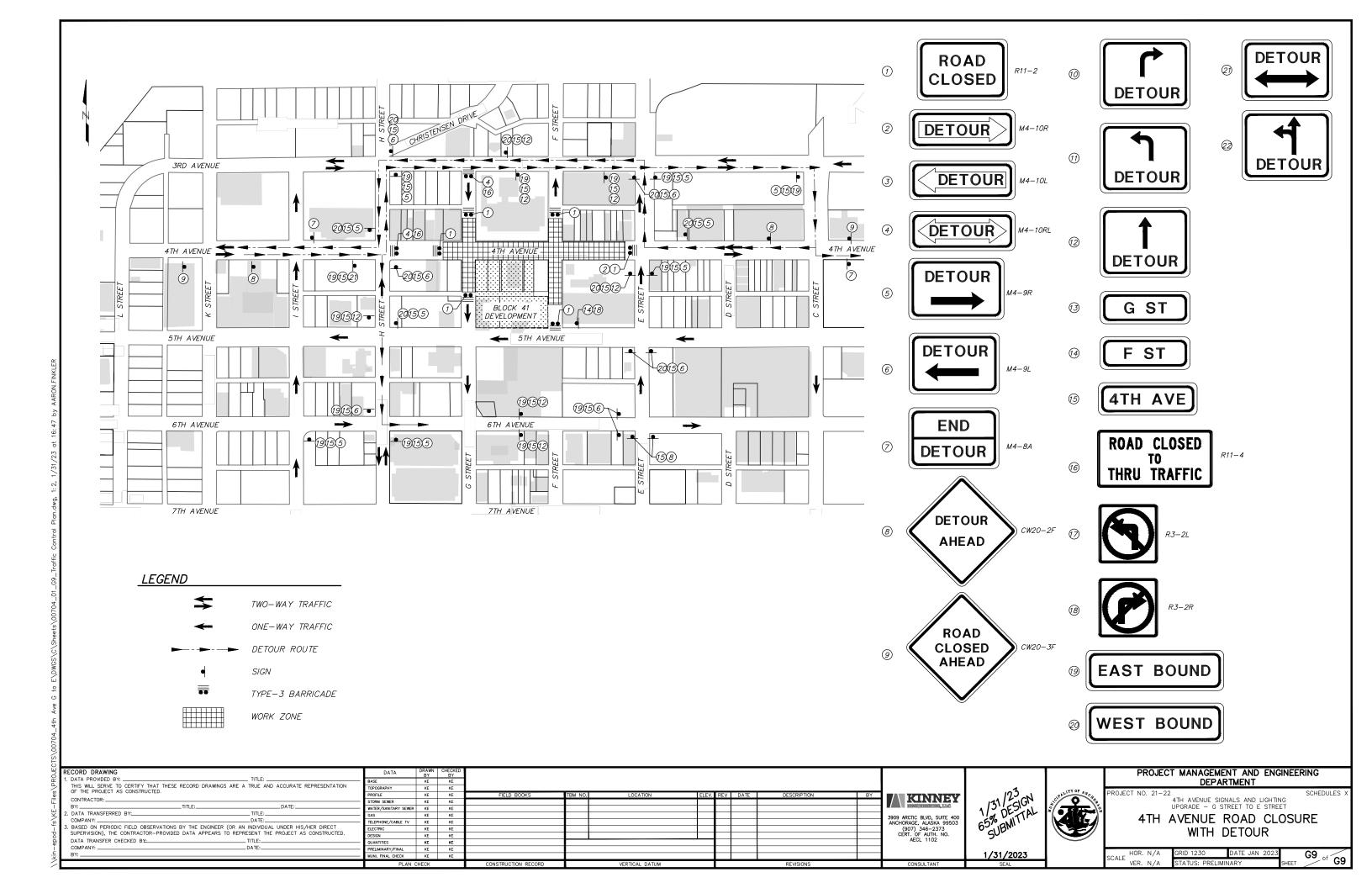
PROJECT MANAGEMENT AND ENGINEERING

DEPARTMENT

DATE JAN 202 CALE

G7 of G9





NOTE TO REVIEWER: THIS SHEET WILL BE COMPLETED IN SUBSEQUENT SUBMITTALS

RECORD DRAWING

1. DATA PROVIDED BY:

THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. CONTRACTOR: _____ ___TITLE:___

KINNEY 3909 ARCTIC BLVD, SUITE 400 ANCHORAGE, ALASKA 99503 (907) 346–2373 CERT. OF AUTH. NO. AECL 1102

1/31/2023

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT PROJECT NO. 21-22 4TH AVENUE SIGNALS AND LIGHTING UPGRADE - G STREET TO E STREET

SURVEY CONTROL & EASMENTS

SCALE HOR. N/A VER. N/A

V1 of V2 GRID 1230 DATE JAN 2023 STATUS: PRELIMINARY

NOTE TO REVIEWER: THIS SHEET WILL BE COMPLETED IN SUBSEQUENT SUBMITTALS

RECORD DRAWING

1. DATA PROVIDED BY:

THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. CONTRACTOR: _____ ____TITLE:___

KINNEY 3909 ARCTIC BLVD, SUITE 400 ANCHORAGE, ALASKA 99503 (907) 346–2373 CERT. OF AUTH. NO. AECL 1102

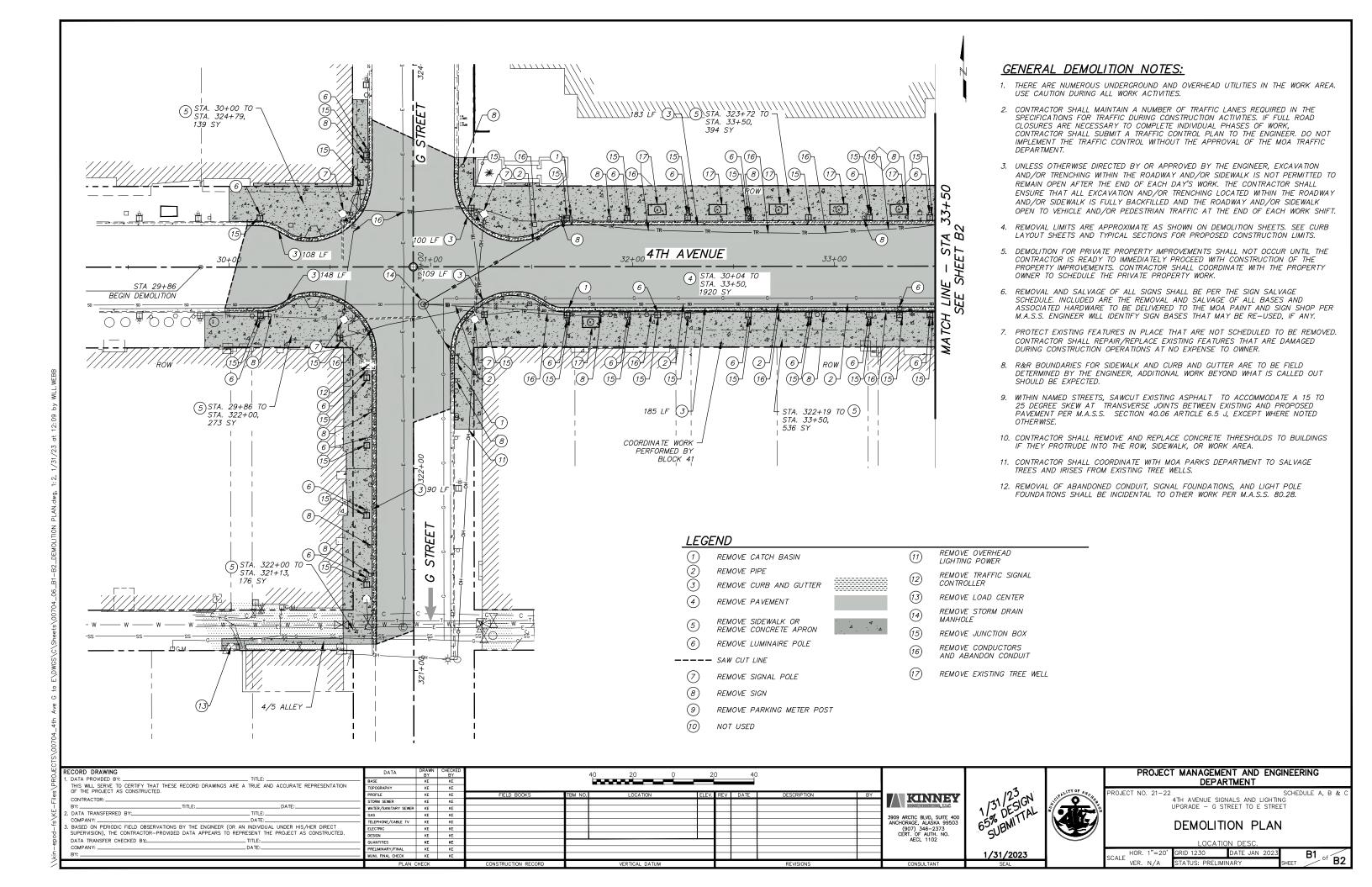
~ 1/31/23 GN 65% DESIGN 65% DEMITTAL |*/ 1/31/2023

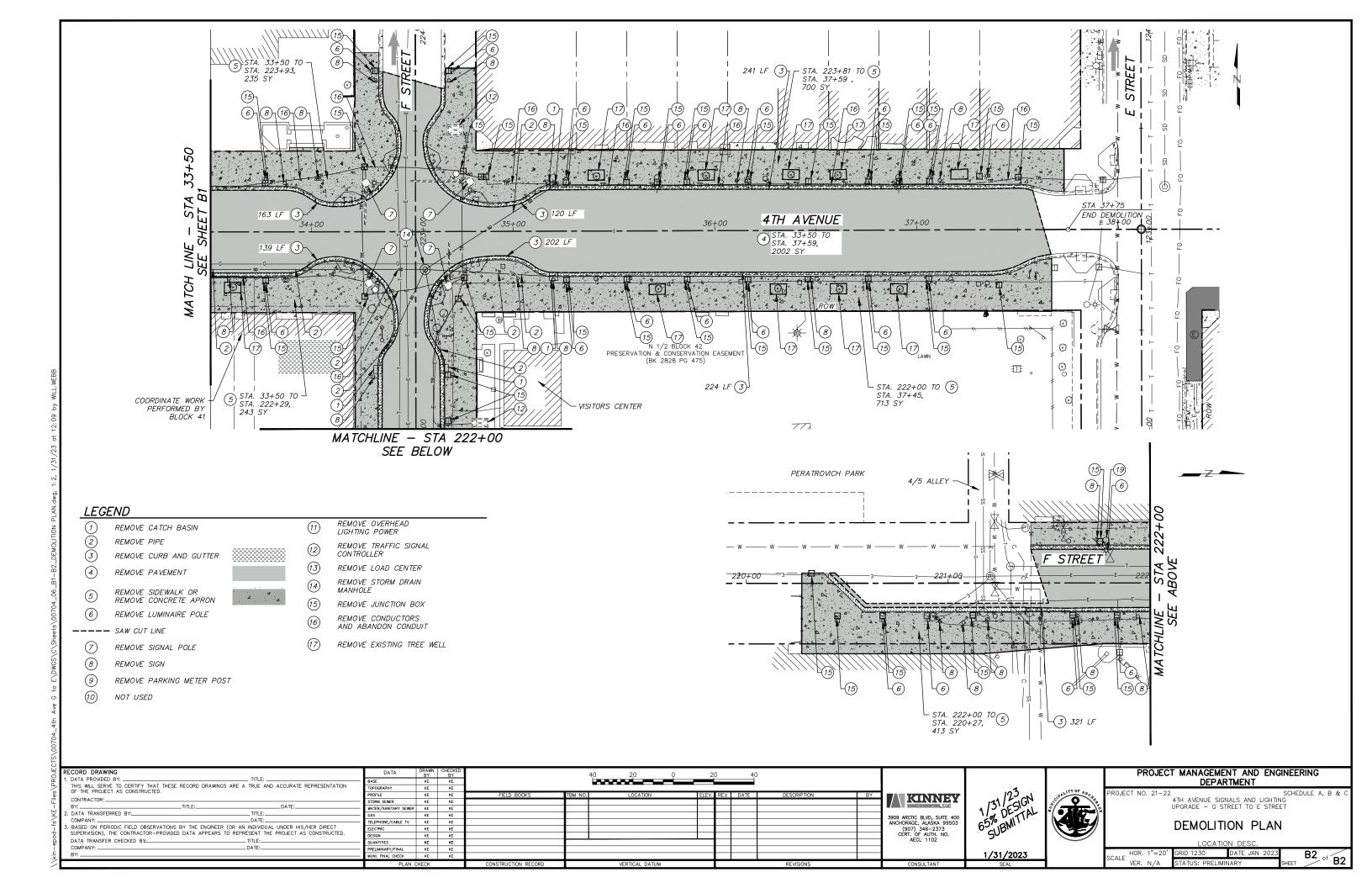
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT PROJECT NO. 21-22 4TH AVENUE SIGNALS AND LIGHTING UPGRADE - G STREET TO E STREET

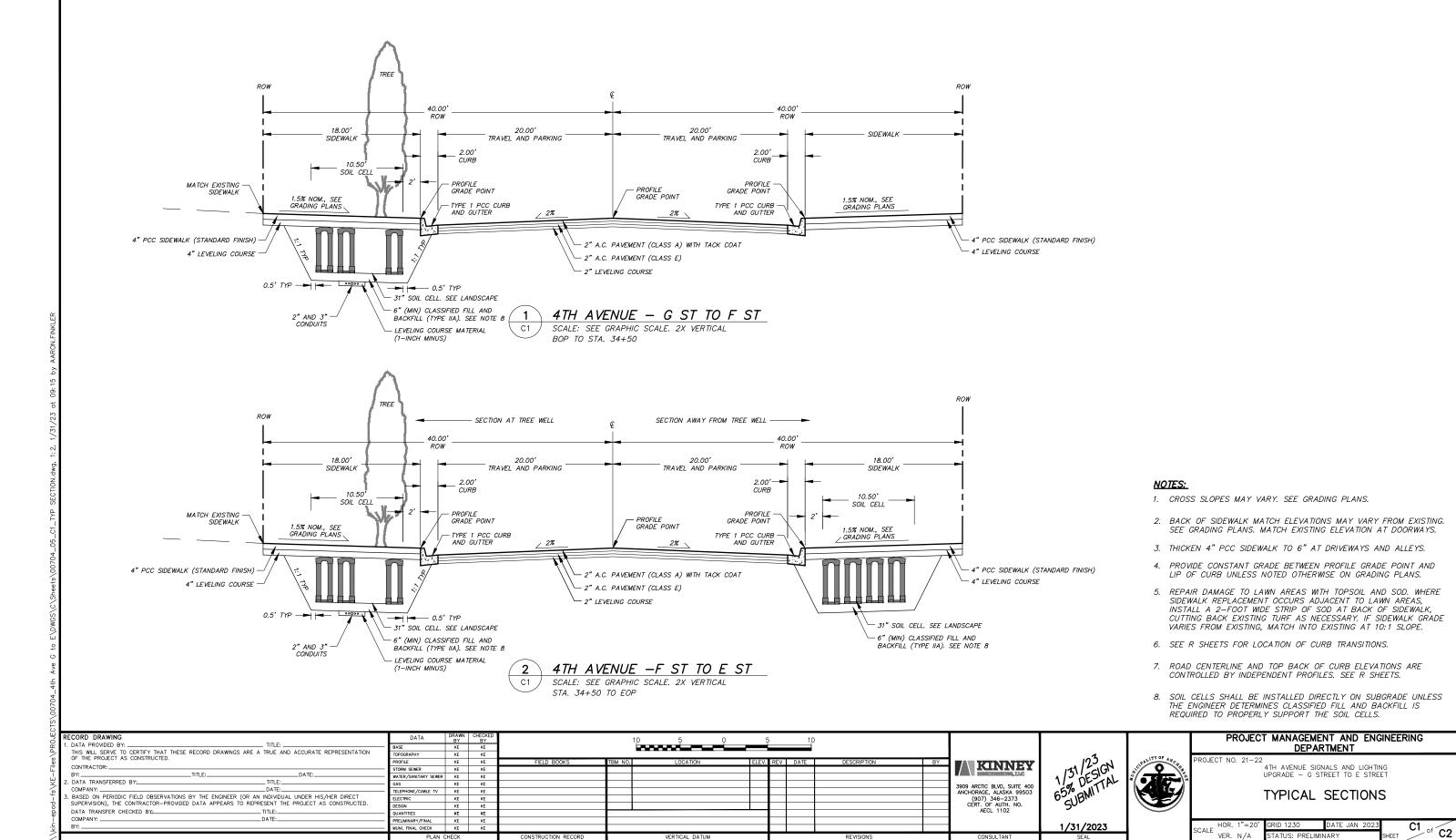
PERMIT INDEX MAP

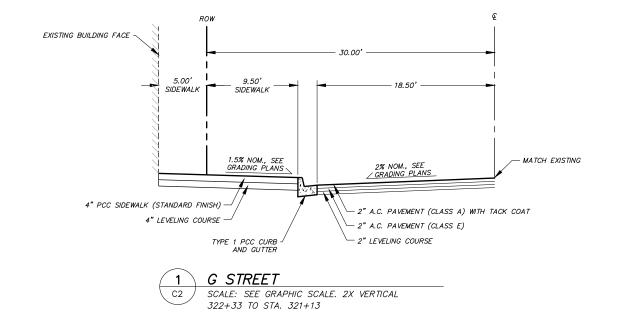
SCALE HOR. N/A VER. N/A

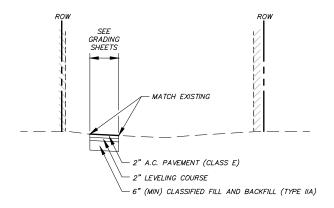
V2 of V2 GRID 1230 DATE JAN 2023 STATUS: PRELIMINARY



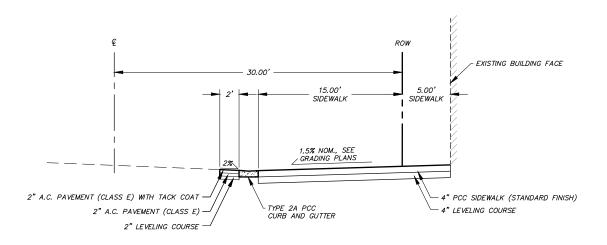


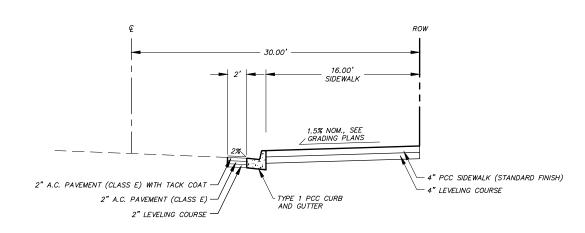






2 ALLEY TRENCH REPAIR
C2 SCALE: SEE GRAPHIC SCALE. 2X VERTICAL





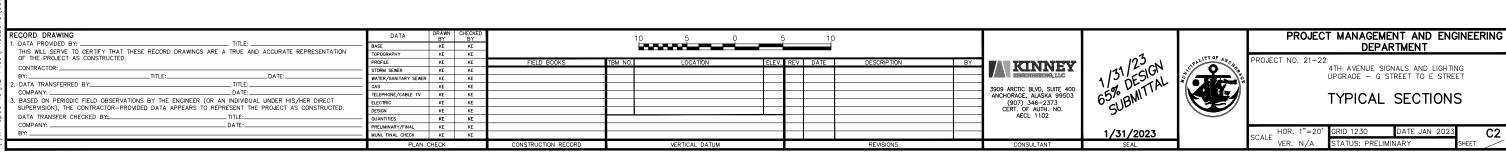
3 F STREET

C2 SCALE: SEE GRAPHIC SCALE. 2X VERTICAL
STA. 220+27 TO 221+39

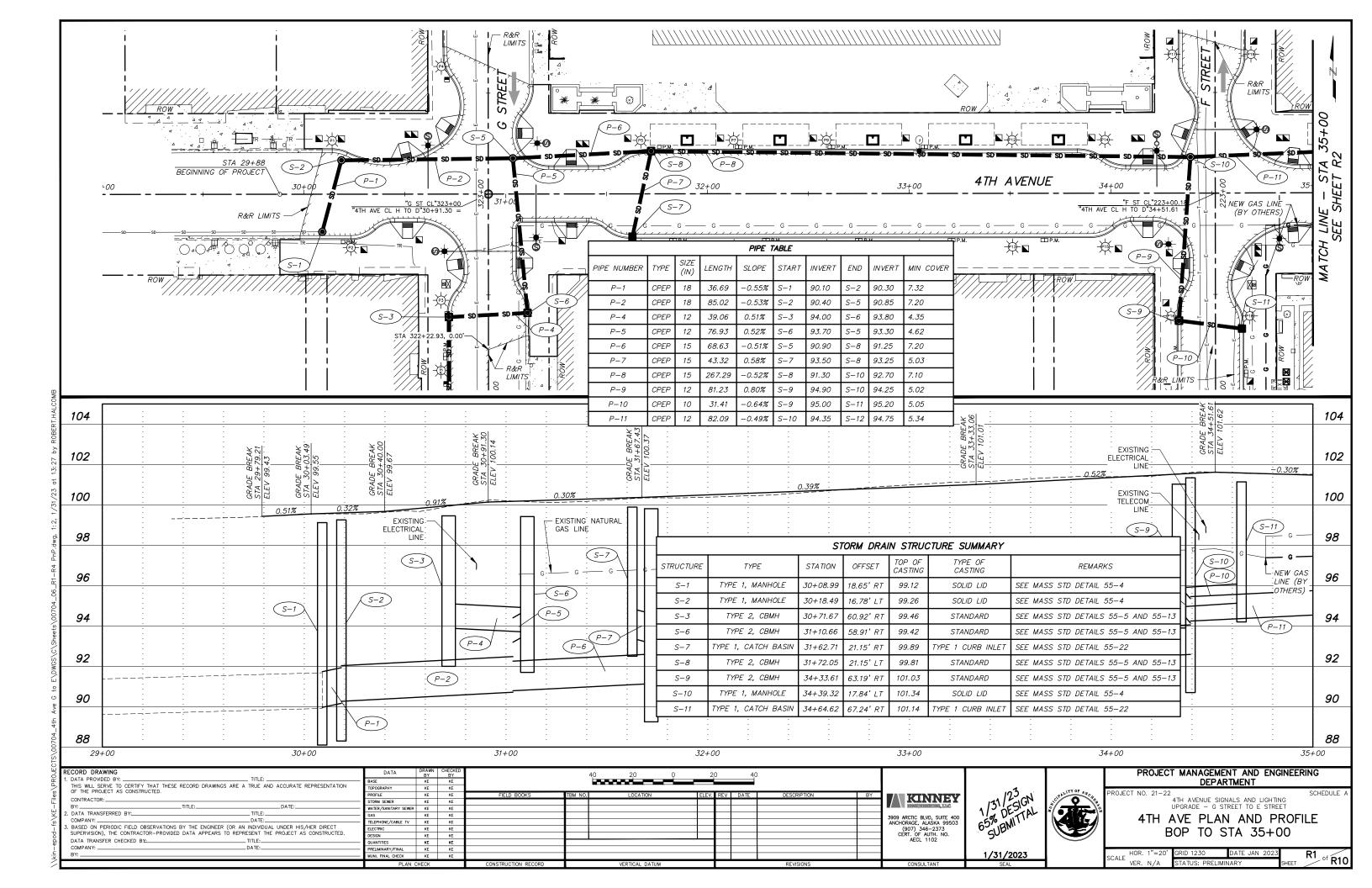
4 F STREET

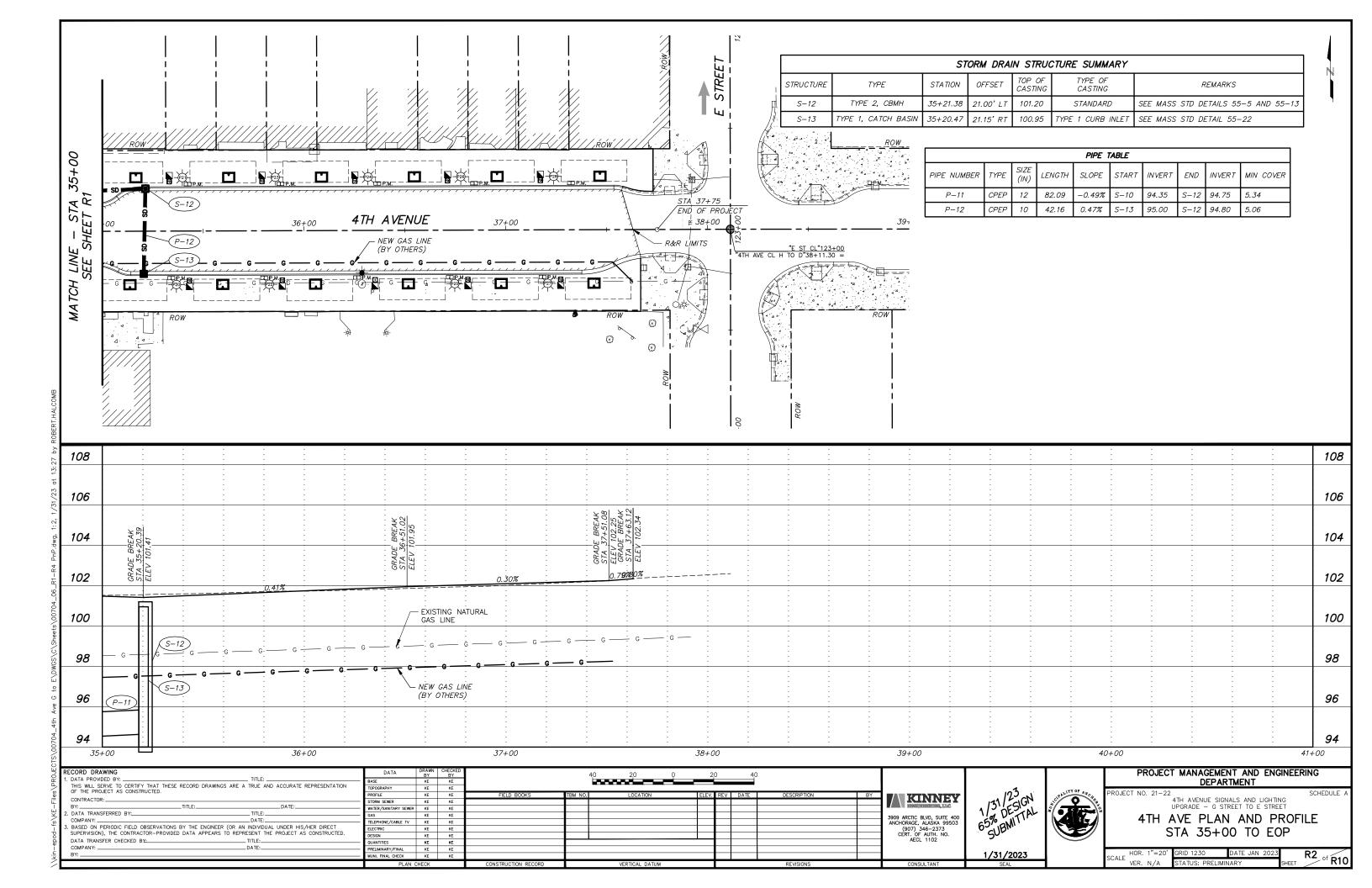
C2 SCALE: SEE GRAPHIC SCALE. 2X VERTICAL
STA. 221+39 TO 222+35

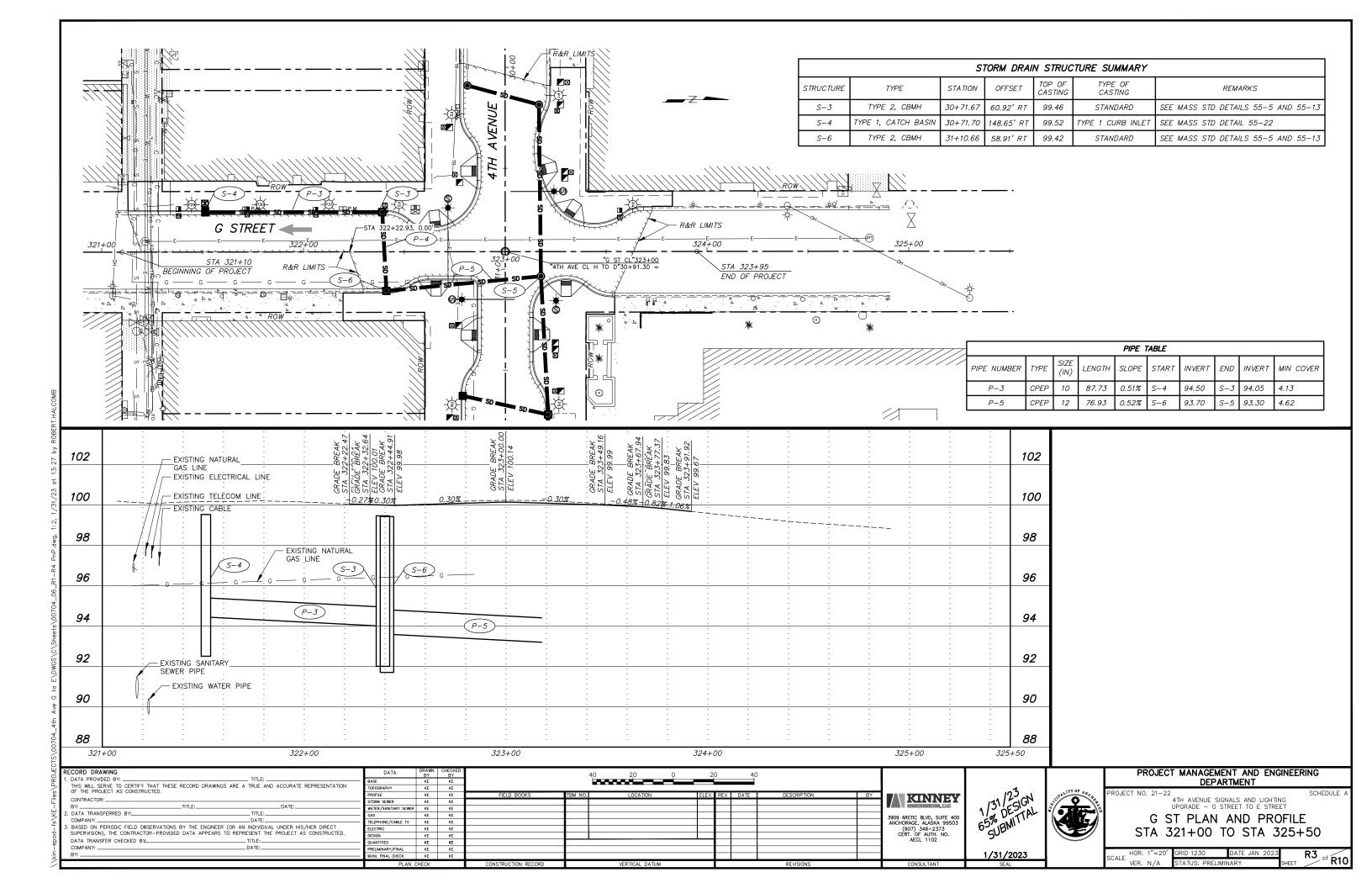
C2 of C2

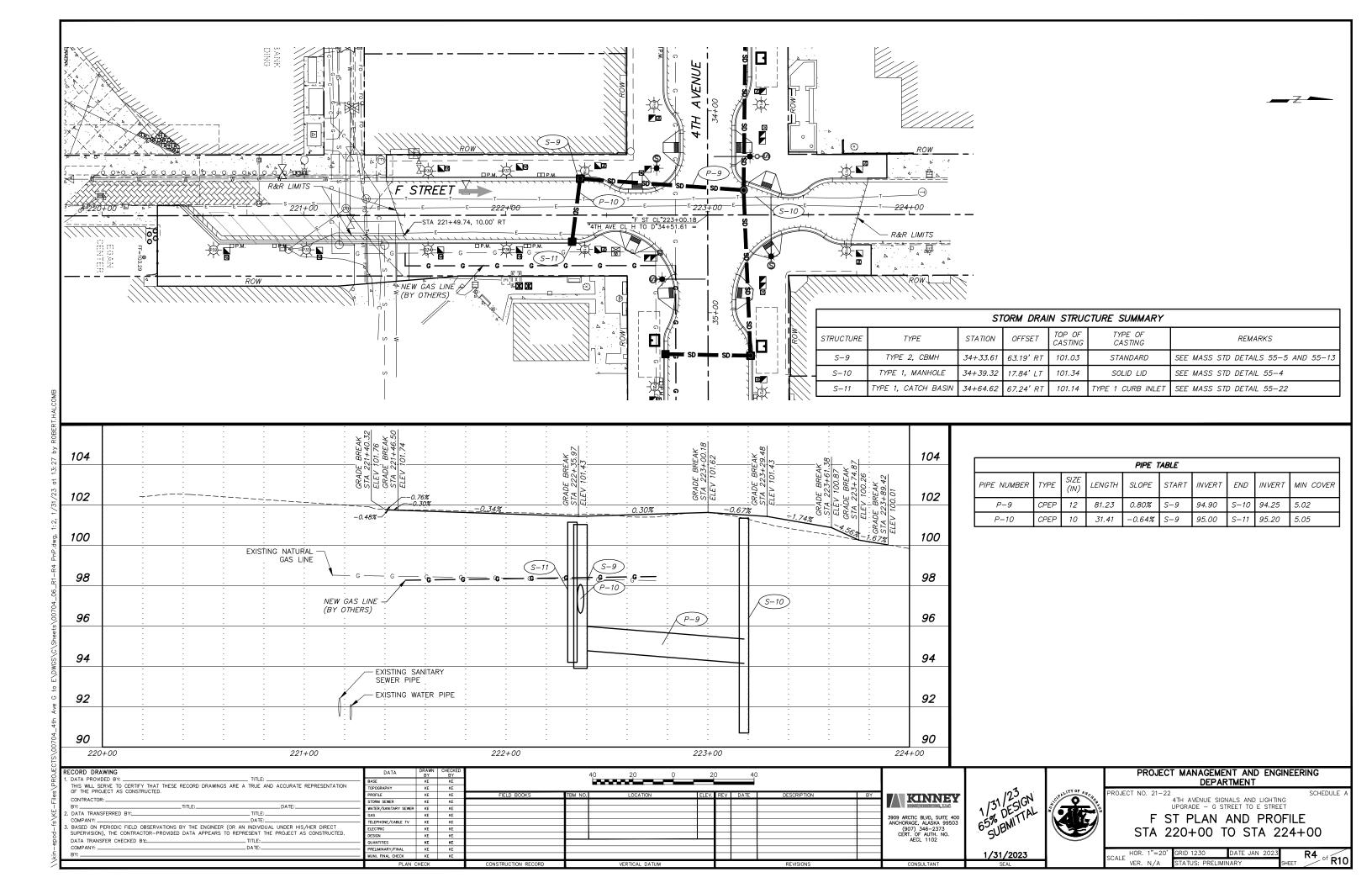


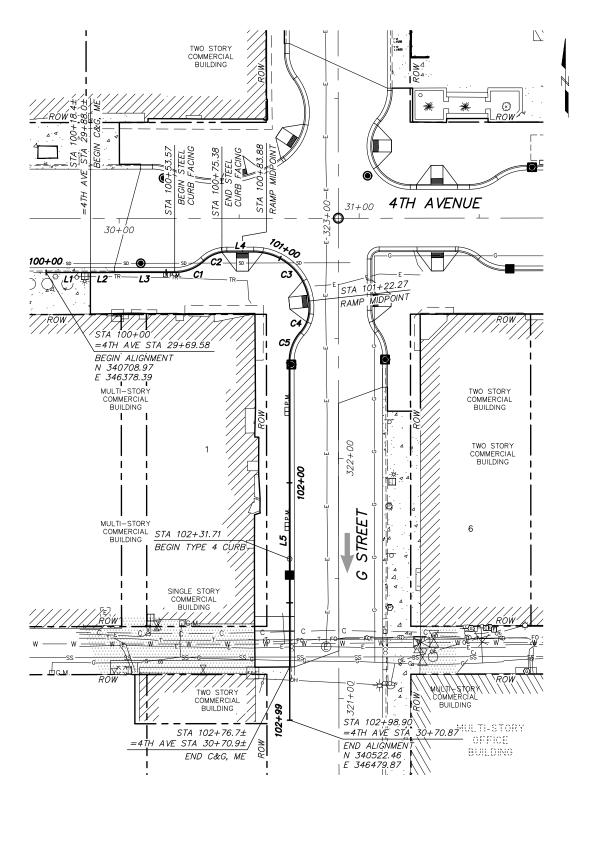
s o to Elbrids (closes (Johna-Jos-Claint Sections ang. 1.2, 1/31/23 at 03:13 by AARON.







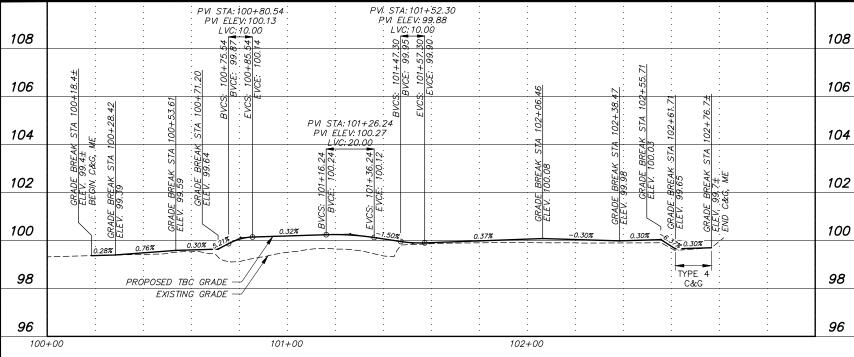




| | CURB & GUTTER ALIGNMENT AND LAYOUT TABLE | | | | | | | | | | | | |
|---------|--|----------------|----------------|--------|--------|---------|----------------|--|--|--|--|--|--|
| SEGMENT | BEGIN STATION | END STATION | BEARING | RADIUS | LENGTH | TANGENT | DELTA ANGLE | | | | | | |
| L1 | 100+00.00 | 100+18.42 | N89°55'54.34"E | | 18.42 | | | | | | | | |
| L2 | 100+18.42 | 100+28.42 | N89°55'55.27"E | | 10.00 | | | | | | | | |
| L3 | 100+28.42 | 100+53.55 | S89*58'54.83"E | | 25.13 | | | | | | | | |
| C1 | 100+53.55 | 100+67.00 | | 18.00 | 13.45 | 7.06 | 42°49'20" | | | | | | |
| C2 | 100+67.00 | 100+77.45 | | 14.00 | 10.44 | 5.48 | 42°44'44" | | | | | | |
| L4 | 100+77.45 | 100+88.65 | N89°56'29.48"E | | 11.20 | | | | | | | | |
| C3 | 100+88.65 | 101+27.54 | | 23.00 | 38.89 | 25.94 | 96°52'15" | | | | | | |
| C4 | 101+27.54 | 101+36.10 | | 14.00 | 8.56 | 4.42 | 35°03'03" | | | | | | |
| C5 | 101+36.10 | 101+49.28 | | 18.00 | 13.18 | 6.90 | 41*56'23" | | | | | | |
| L5 | 101+49.28 | 102+98.90 | S00°04'34.79"E | | 149.63 | | · | | | | | | |

GENERAL CURB & GUTTER NOTES:

- 1. CURB & GUTTER ALIGNMENTS AND PROFILES ARE AT TOP BACK OF CURB. PROFILES DO NOT REFLECT CURB RAMPS SEE GRADING SHEETS FOR MORE DETAIL.
- 2. CURB & GUTTER ARE TYPE 1 UNLESS OTHERWISE NOTED.



SUBMITTAL

1/31/2023

RECORD DRAWING

1. DATA PROVIDED BY: _ GRAPHIC 1/31/23GN 65% DESIGN THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. KINNEY CONTRACTOR: ___ __TITLE:__ DATA TRANSFERRED BY:_ COMPANY: ____ 3909 ARCTIC BLVD, SUITE 400 ANCHORAGE, ALASKA 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102 _DATE:__ 5. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. DATA TRANSFER CHECKED BY: COMPANY: __ __DATE:_

CALE

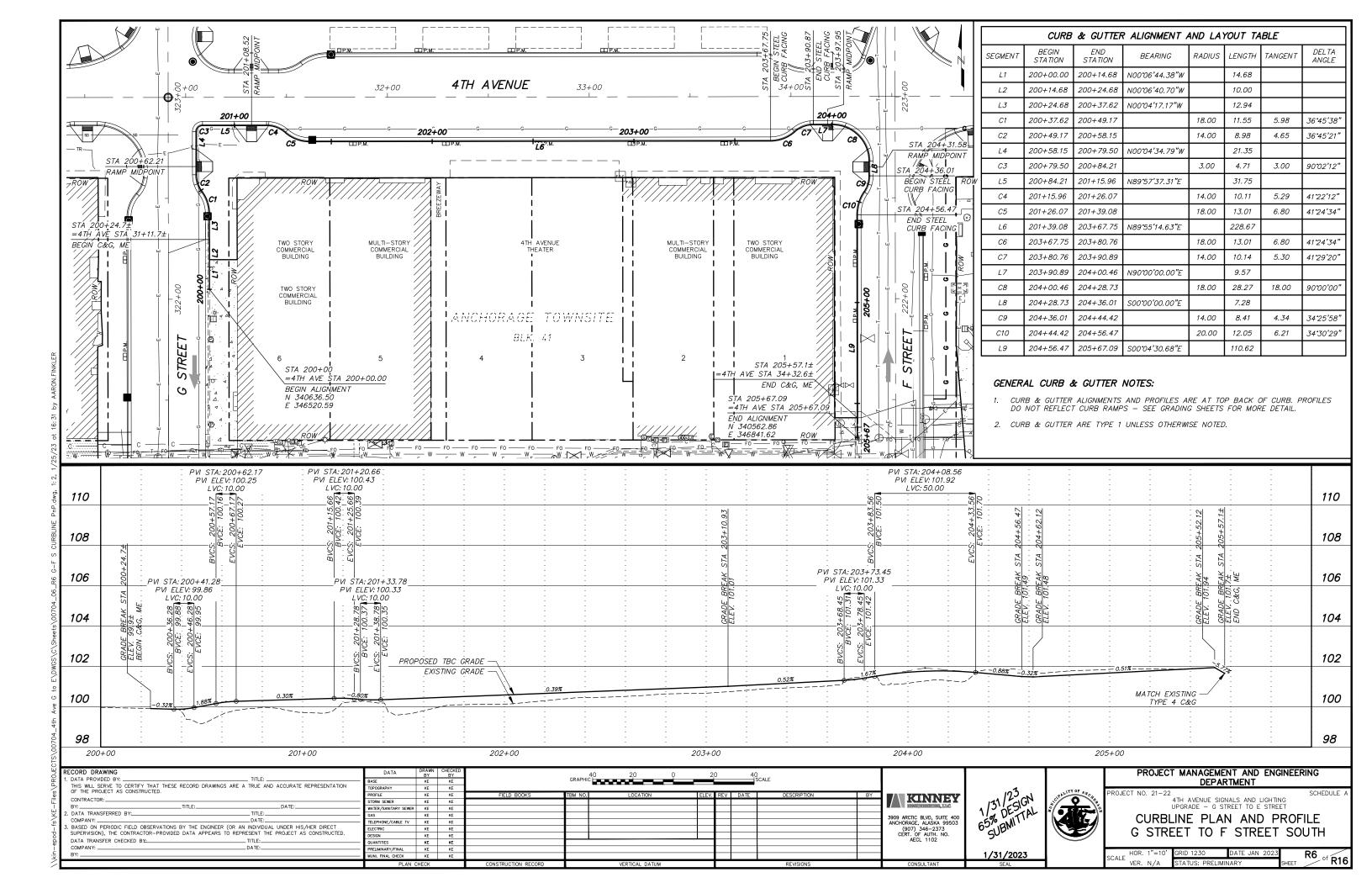
DEPARTMENT 4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

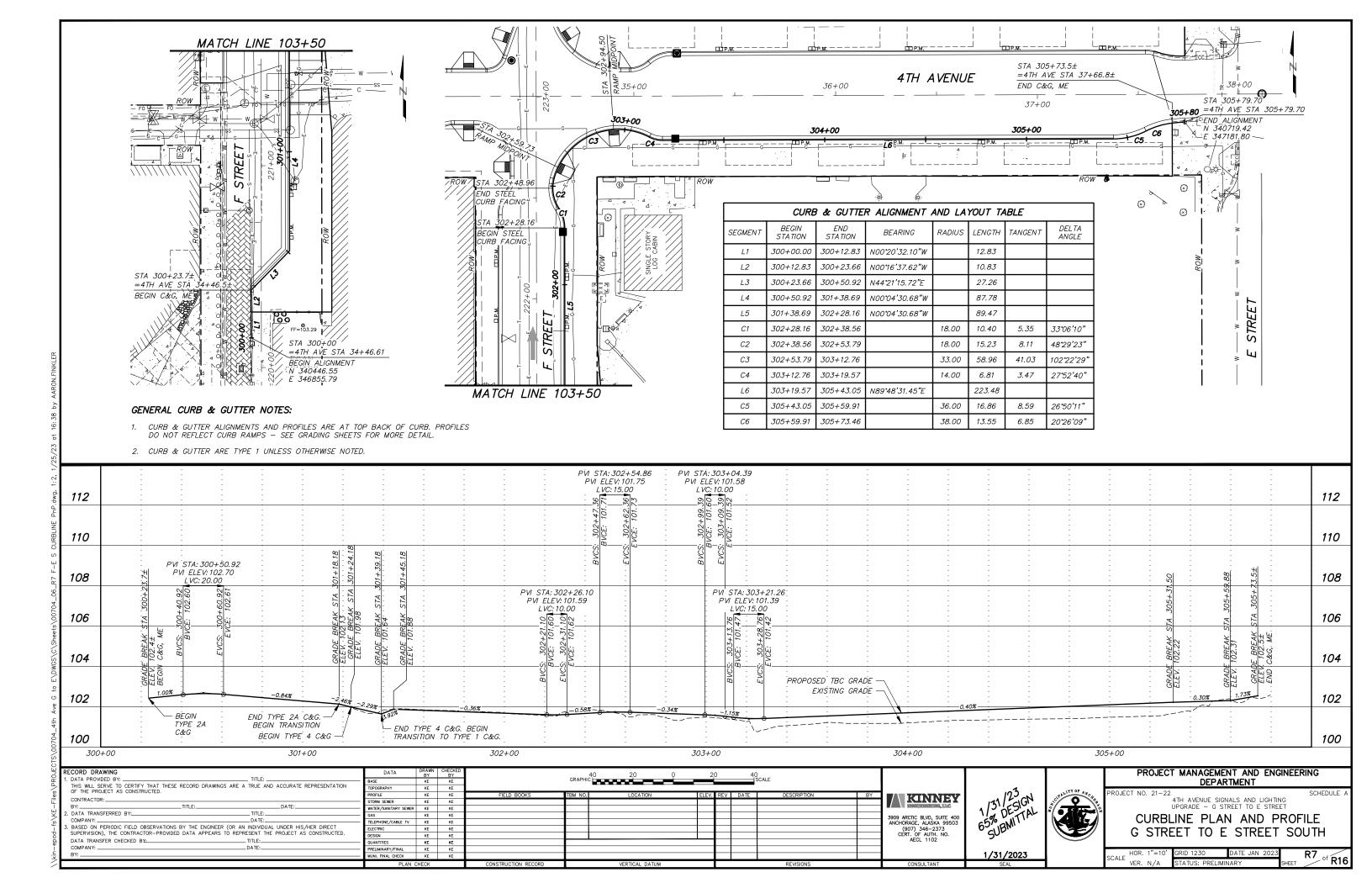
CURBLINE PLAN AND PROFILE

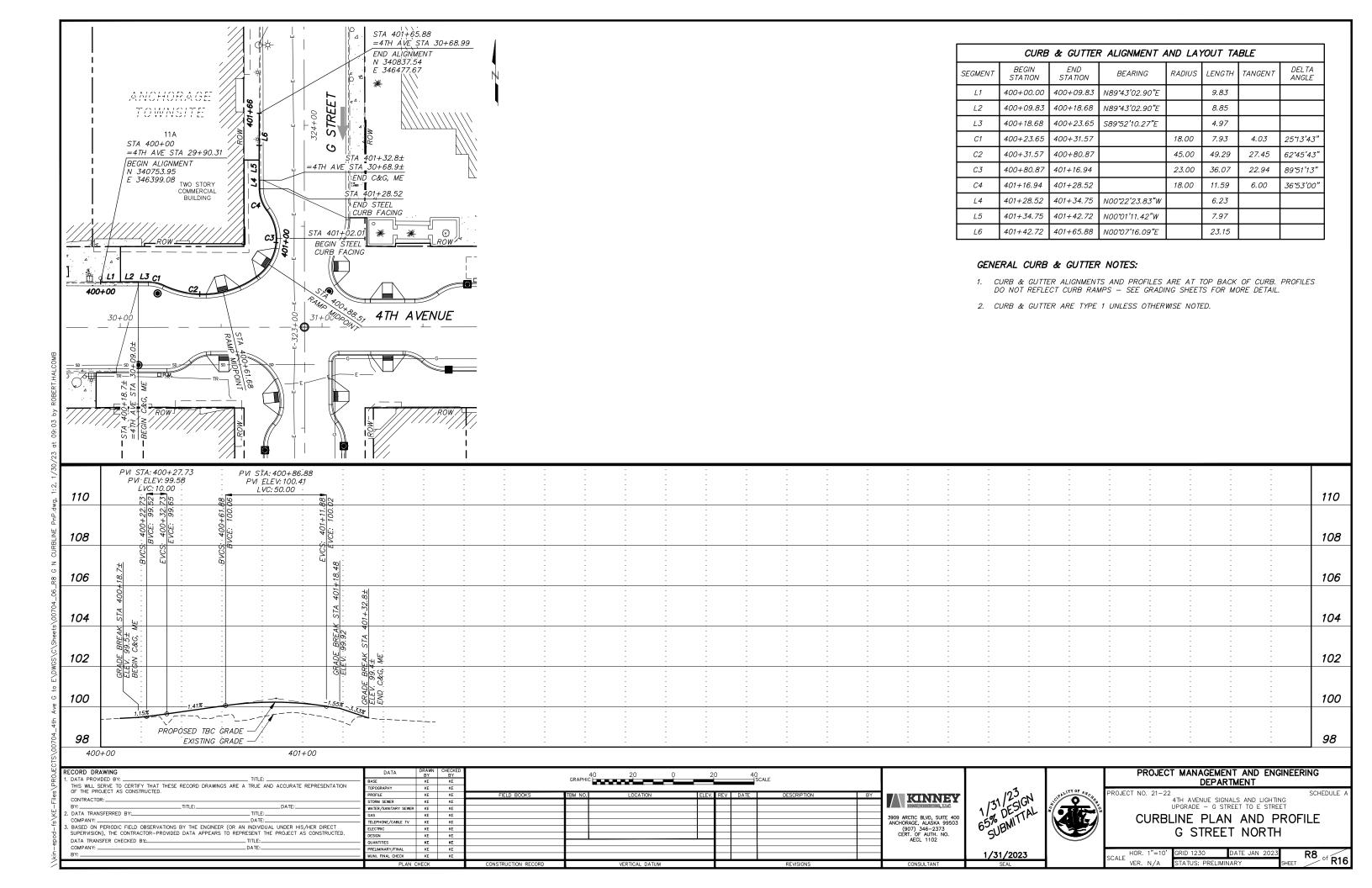
PROJECT MANAGEMENT AND ENGINEERING

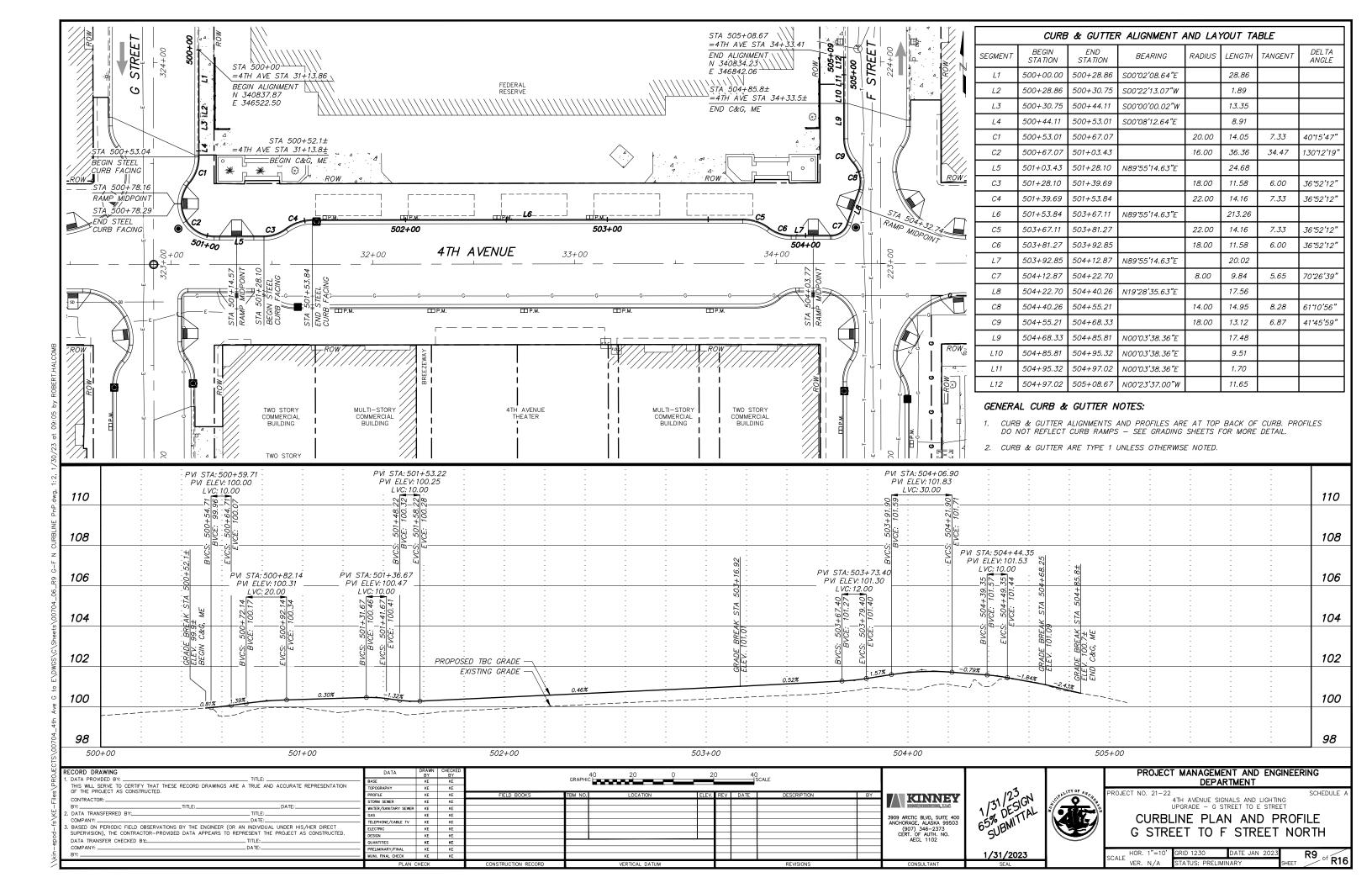
G STREET SOUTH

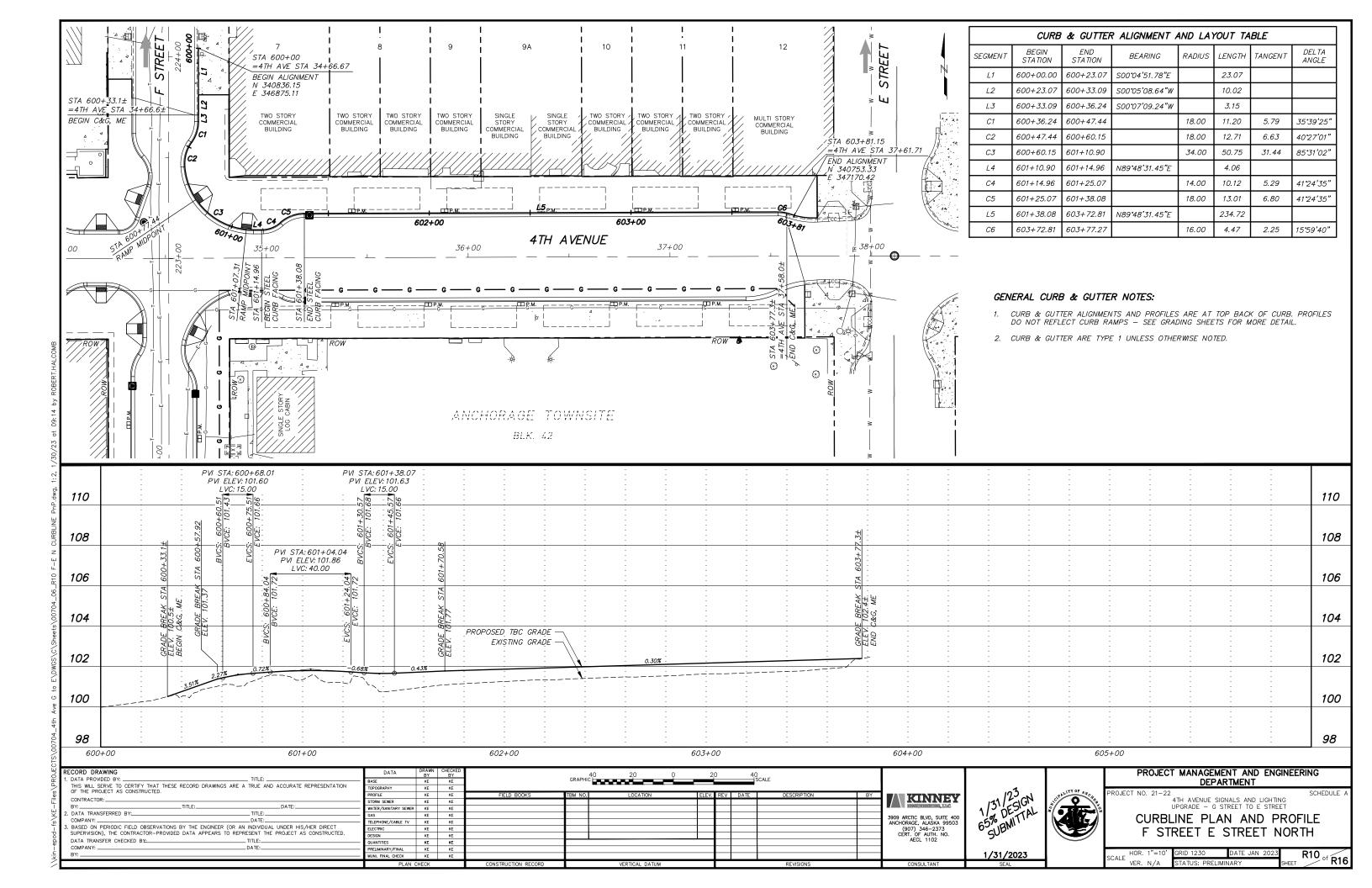
R5 of R16 GRID 1230

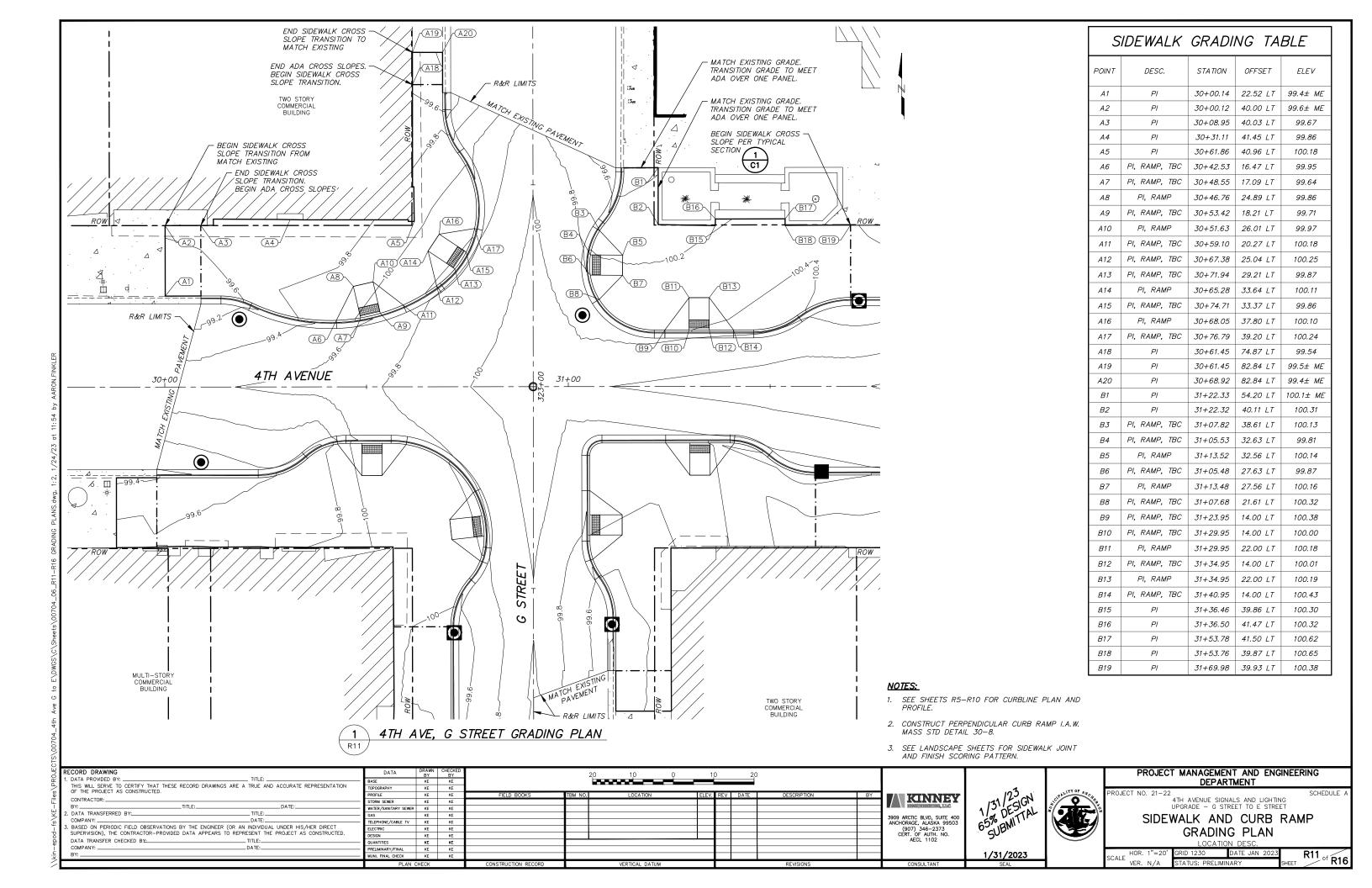


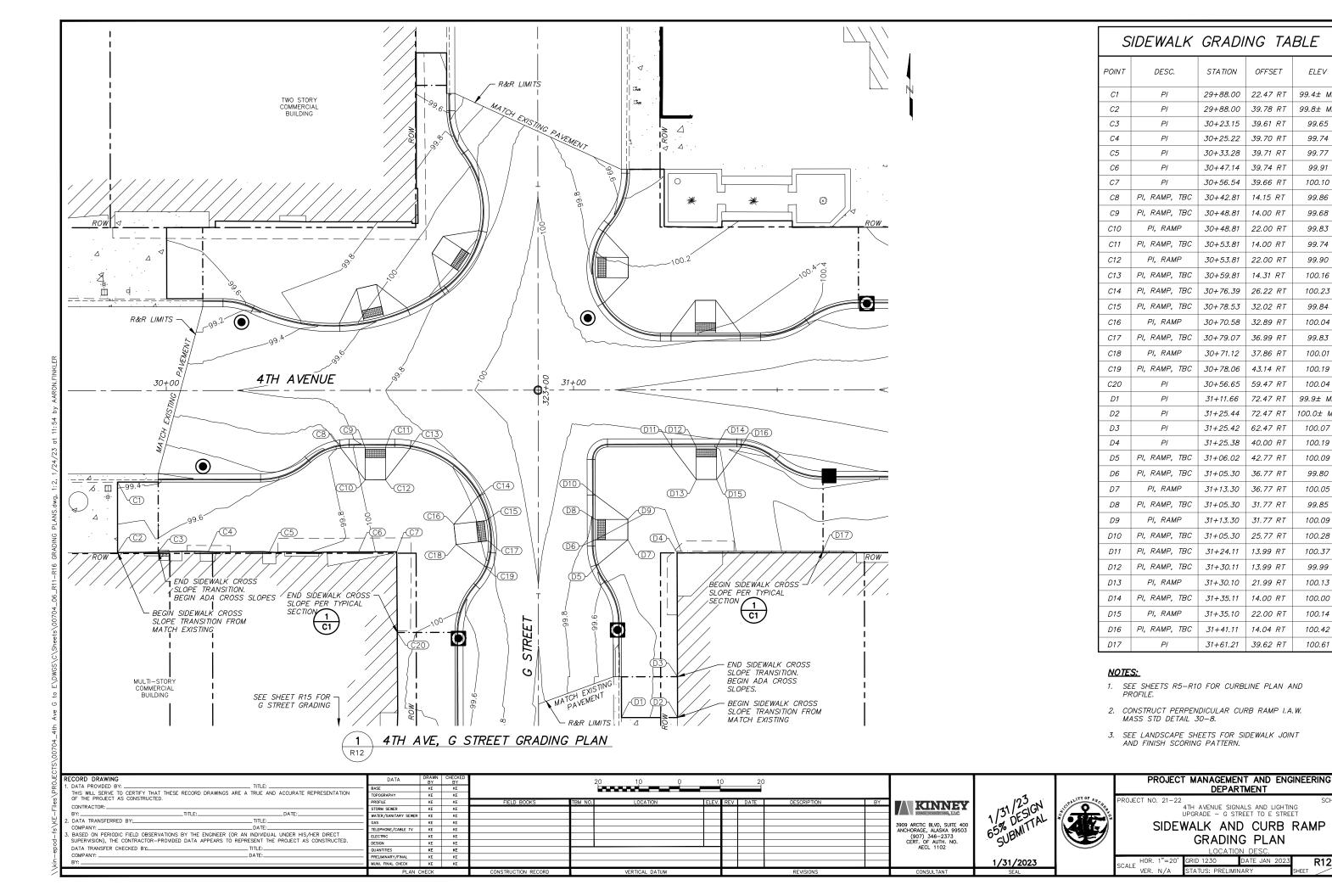












99.4± ME

99.8± ME

99.65

99.74

99.77

99.91

100.10

99.86

99.68

99.83

99.74

99.90

100.16

100.23

99.84

100.04

99.83

100.01

100.19

100.04

99.9± ME

100.0± ME

100.07

100.19

100.09

99.80

100.05

99.85

100.09

100.28

100.37

99.99

100.13

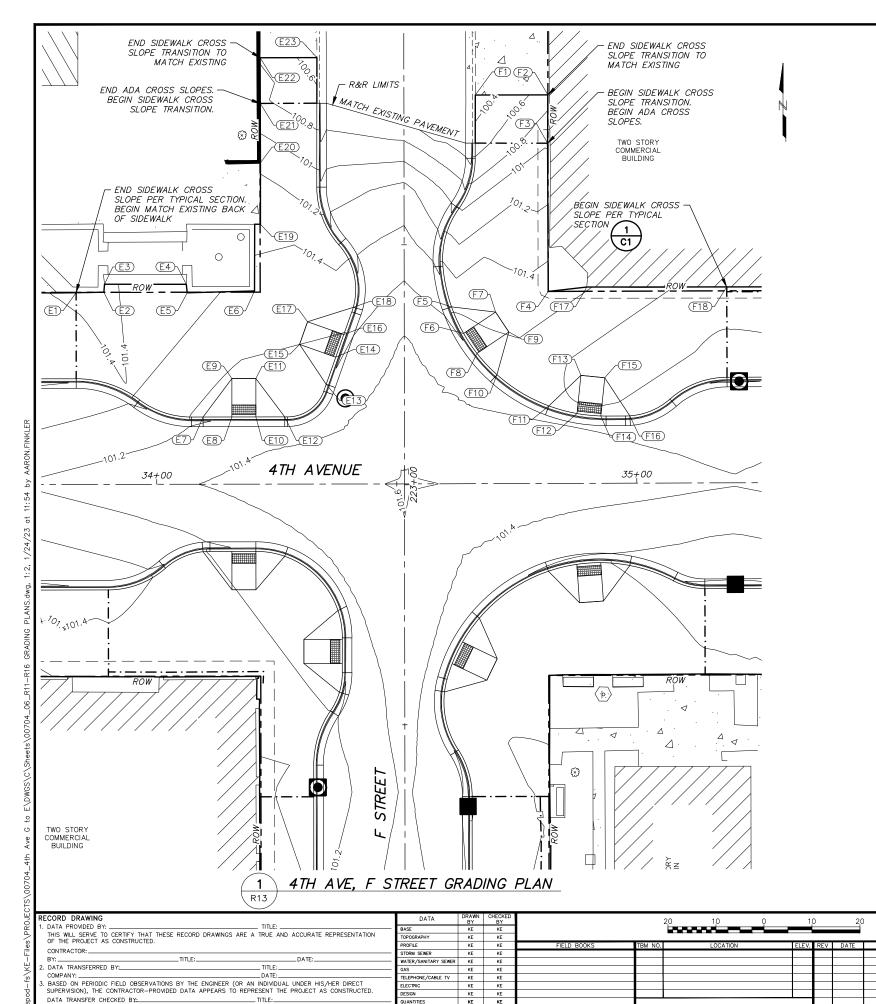
100.00

100.14

100.42

100.61

R12.



COMPANY: __

__DATE:_

E4 101.59 PΙ 34+06.21 41.64 LT E5 PΙ 34+06.41 39.88 LT 101.56 E6 34+20.42 40.24 LT 101.58 PI, RAMP, TBC E7 34+09.67 14.00 LT 101.64 PI, RAMP, TBC F8 34+15.67 14.00 IT 101.30 E9 PI. RAMP 34+15.67 22.00 LT 101.46 E10 PI, RAMP, TBC 34+20.67 14.00 LT 101.34 E11 PI, RAMP 34+20.67 22.00 LT 101.50 E12 PI, RAMP, TBC 34+26.67 101.75 14.00 LT PI, RAMP, TBC E13 34+35.32 20.77 LT 101.69 E14 PI, RAMP, TBC 34+37.33 26.42 LT 101.24 PI, RAMP 34+29.79 29.10 LT 101.48 PI, RAMP, TBC E16 34+39.00 31.13 LT 101.20 PI. RAMP E17 34 + 31.4633.81 LT 101.44 E18 PI, RAMP, TBC 34+40.98 36.80 LT 101.55 34+20.47 54.14 LT 101.34 101.15 F20 34+21.16 61.88 LT E21 34+21.59 66.82 LT 100.84 88.83 LT E22 34+21.65 100.8± ME E23 PΙ .34 + .3.3.4788.85 I T 100.5± ME F1 34+66.62 80.97 LT 100.3± ME F2 34+81.75 80.94 LT 100.7± ME F3 34+81.64 70.88 LT 100.73 F4 34+81.68 40.00 LT 101.85 PI, RAMP, TBC 34+61.52 36.85 LT 101.58 F6 PI, RAMP, TBC 101.25 34+64.02 31.31 L7 F7 PL RAMP 34+70.69 35.74 LT 101.54 PI, RAMP, TBC 34+66.79 27.14 LT 101.29 PI. RAMP *34+73.45* 31.57 LT 101.59 PI, RMAP, TBC F10 34+70.94 22.69 LT 101.73 PI, RAMP, TBC 34+81.72 16.16 / 7 101.78 PI. RAMP. TBC F12 34+87.59 14.54 LT 101.39 PI RAMP 34+88.43 22.50 LT 101.73 PI, RAMP, TBC 34+92.56 101.39 14.02 LT F15 PI, RAMP 34+93.40 21.97 LT 101.73 101.77 F16 PI. RAMP. TBO 34 + 98.5914.03 LT 40.88 LT F17 102.01 34+89.71F18 .35+18.8740.82 LT 101.98

SIDEWALK GRADING TABLE

STATION

33+83.25

33+89.03

.3.3 + 89.17

OFFSET

39.94 LT

40.02 LT

41.69 LT

101.44

101.48

101.49

POINT

E2

E3

PΙ

NOTES:

- SEE SHEETS R5-R10 FOR CURBLINE PLAN AND PROFILE.
- CONSTRUCT PERPENDICULAR CURB RAMP I.A.W. MASS STD DETAIL 30-8.
- 3. SEE LANDSCAPE SHEETS FOR SIDEWALK JOINT AND FINISH SCORING PATTERN.

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

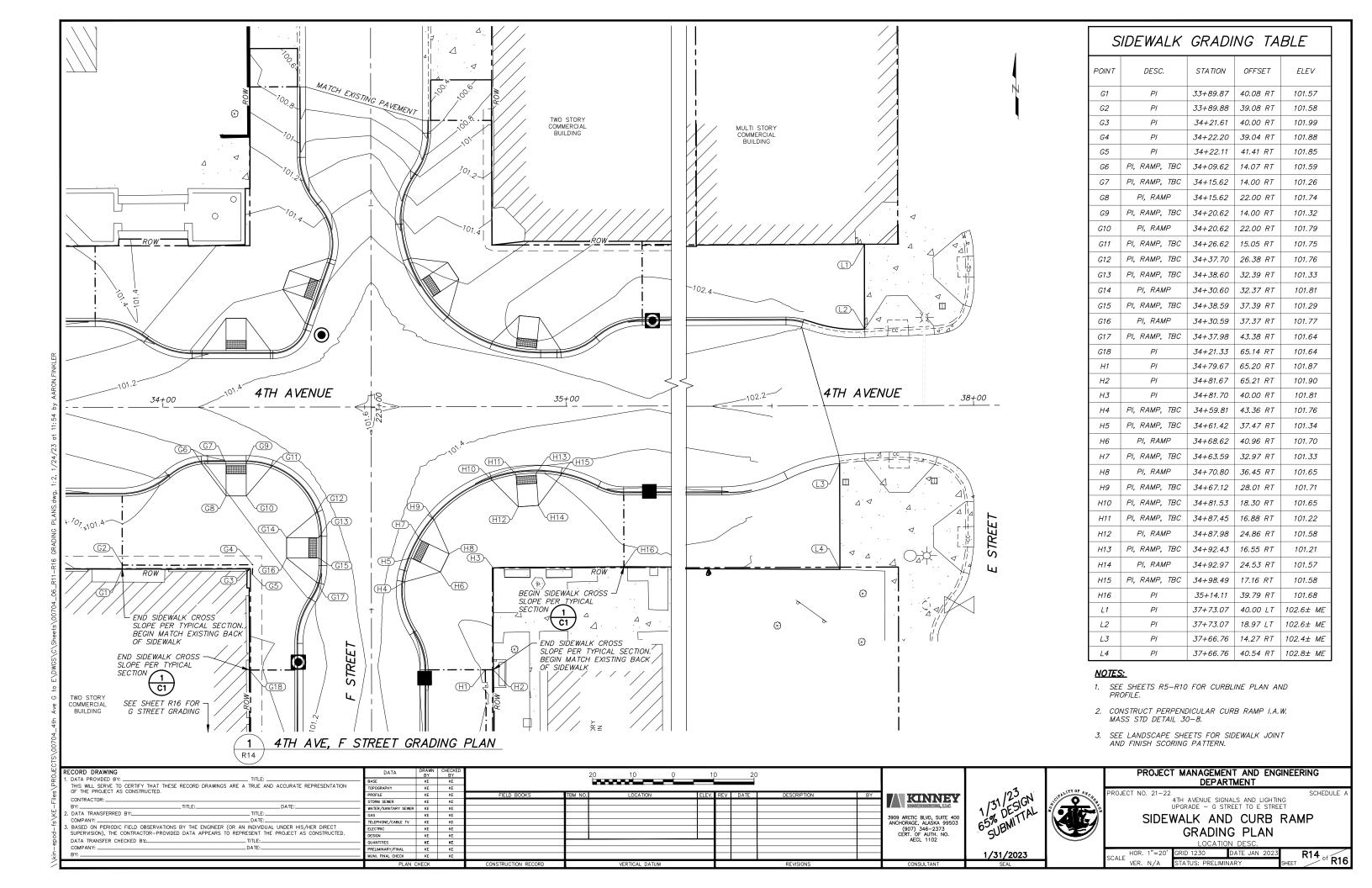
SIDEWALK AND CURB RAMP GRADING PLAN LOCATION DES

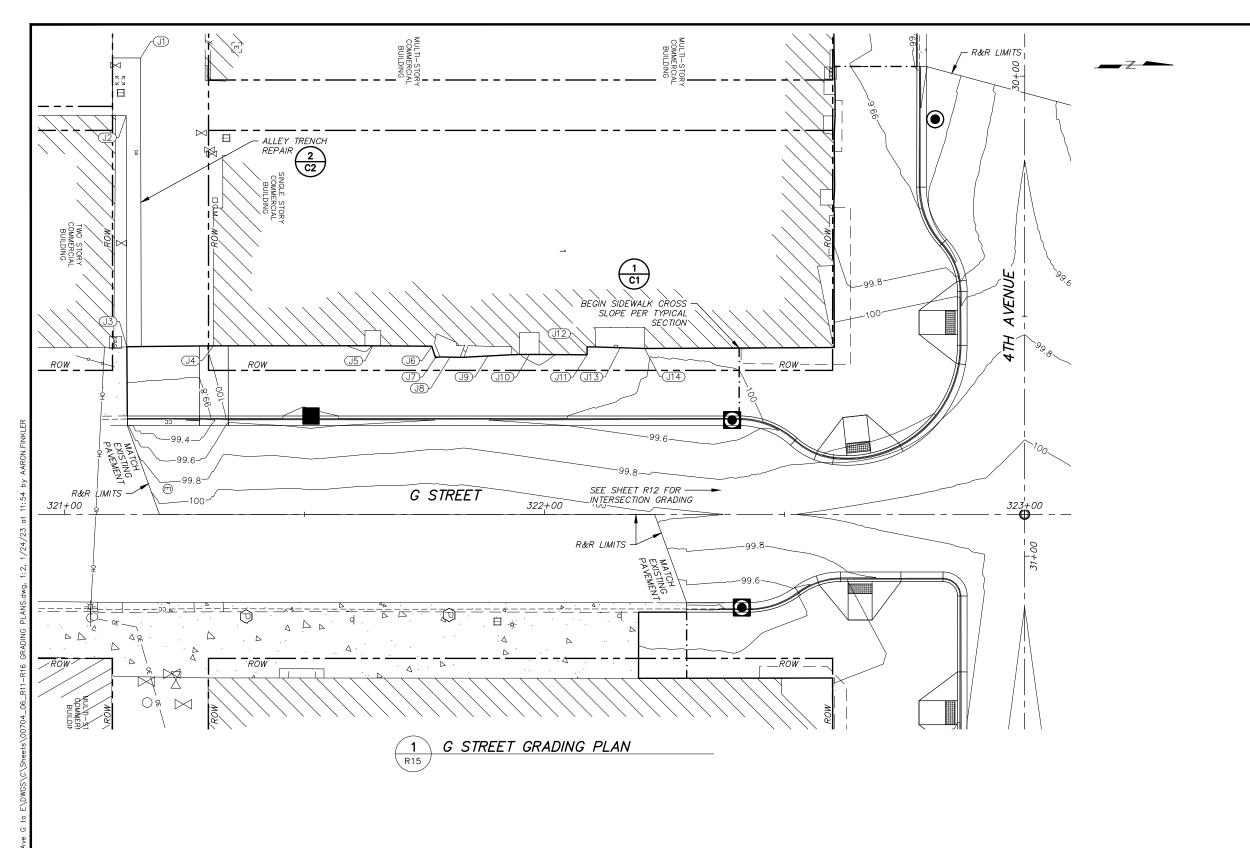
DATE JAN 202 R13, f R16

KINNEY

1/31/23 65% DESIGN

1/31/2023





| SI | SIDEWALK GRADING TABLE | | | | | | | | | | |
|-------|------------------------|-----------|----------|-----------|--|--|--|--|--|--|--|
| POINT | DESC. | STATION | OFFSET | ELEV | | | | | | | |
| J1 | PI | 321+15.83 | 95.09 LT | 100.5± ME | | | | | | | |
| J2 | PI | 321+12.86 | 83.10 LT | 100.7± ME | | | | | | | |
| J3 | PI | 321+12.99 | 34.94 LT | 99.9± ME | | | | | | | |
| J4 | PI | 321+31.03 | 35.11 LT | 100.08 | | | | | | | |
| J5 | PI | 321+64.21 | 35.14 LT | 100.20 | | | | | | | |
| J6 | PI | 321+76.52 | 35.03 LT | 100.18 | | | | | | | |
| J7 | PI | 321+77.27 | 32.68 LT | 100.14 | | | | | | | |
| J8 | PI | 321+80.33 | 32.77 LT | 100.13 | | | | | | | |
| J9 | PI | 321+88.19 | 33.00 LT | 100.16 | | | | | | | |
| J10 | PI | 321+96.85 | 33.32 LT | 100.22 | | | | | | | |
| J11 | PI | 322+08.86 | 33.25 LT | 100.13 | | | | | | | |
| J12 | PI | 322+08.87 | 34.88 LT | 100.17 | | | | | | | |
| J13 | PI | 322+15.74 | 34.73 LT | 100.13 | | | | | | | |
| J14 | PI | 322+20.85 | 34.57 LT | 100.05 | | | | | | | |

NOTES:

- 1. SEE SHEETS R5-R10 FOR CURBLINE PLAN AND PROFILE.
- 2. CONSTRUCT PERPENDICULAR CURB RAMP I.A.W. MASS STD DETAIL 30-8.
- 3. SEE LANDSCAPE SHEETS FOR SIDEWALK JOINT AND FINISH SCORING PATTERN.
- 4. WORK IN ALLEY IS TO FACILITATE ELECTRICAL SERVICE TRENCH FOR NEW LOAD CENTER ON G STREET. COORDINATE WORK WITH CEA. ALLEY TRENCH REPAIR DIMENSIONS MAY VARY WITH APPROVAL OF THE ENGINEER. MAINTAIN EXISTING DRAINAGE PATTERNS.

RECORD DRAWING

1. DATA PROVIDED BY: _ THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. /\KINNEY CONTRACTOR: ___ DATA TRANSFERRED BY:_ COMPANY: ____ DATA TRANSFER CHECKED BY: __DATE:_

1/31/23 65% DESIGN 65% DESIGN

1/31/2023

SCALE

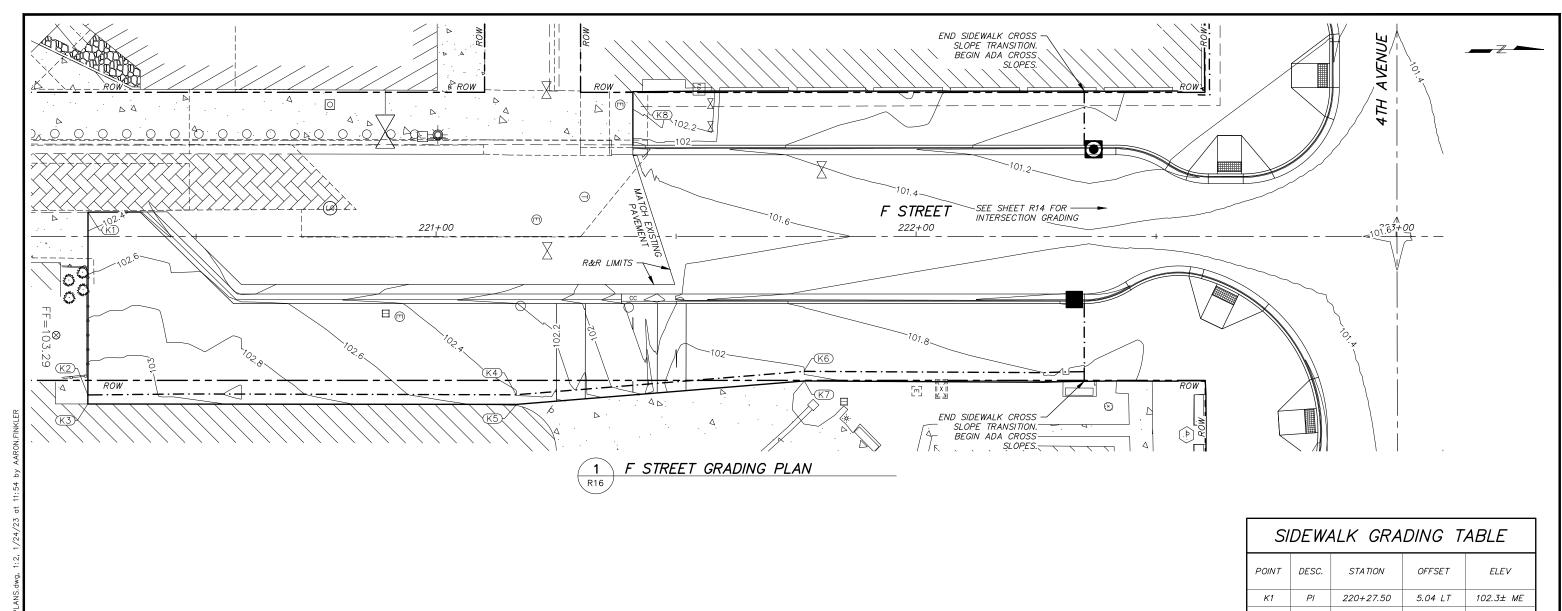
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

> 4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET SIDEWALK AND CURB RAMP

GRADING PLAN LOCATION DESC

DATE JAN 2023

R15 of R16



K2 220+27.46 33.03 RT 102.3± ME PΙ K3 220+27.46 34.91 RT 103.2± ME K4 PΙ 221+16.69 33.00 RT 102.41 PI K5 221+16.76 35.00 RT 102.51 K6 PΙ 221+76.64 28.12 RT 102.01 *K7* PΙ 221+76.71 30.12 RT 102.03 K8 221+41.00 30.17 LT 102.3± KE

NOTES:

- 1. SEE SHEETS R5—R10 FOR CURBLINE PLAN AND PROFILE.
- 2. CONSTRUCT PERPENDICULAR CURB RAMP I.A.W. MASS STD DETAIL 30-8.
- 3. SEE LANDSCAPE SHEETS FOR SIDEWALK JOINT AND FINISH SCORING PATTERN.

| 5 L | | | | | | | | | | |
|---|----------------------|-----------------------|---------------------|------------------|--------------|----------------|--------------------------------------|-------------|---------------------------|---|
| RECORD DRAWING | DATA | DRAWN CHECKE BY BY | | 20 10 | 0 10 | 2,0 | | | | PROJECT MANAGEMENT AND ENGINEERING |
| 1. DATA PROVIDED BY: | BASE | KE KE | | | | | | | | DEPARTMENT |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE KE | | | | | | 1 .1 | ATY OF ALL | |
| Φ | PROFILE | KE KE | FIELD BOOKS | TBM NO. LOCATION | ELEV. REV DA | TE DESCRIPTION | BY KINNEY | 17.5 00 | PALLANCA | PROJECT NO. 21-22 SCHEDULE A |
| CONTRACTOR: | STORM SEWER | KE KE | | | | | KIMMET | 131/50GN | ₹ ₀ / \ | 4TH AVENUE SIGNALS AND LIGHTING |
| | WATER/SANITARY SEWER | KE KE | | | | | and a street in a superior of the | 1 1/2 06251 | \$ 75 75 \ | UPGRADE — G STREET TO E STREET |
| 2. DATA TRANSFERRED BY:TITLE: | GAS | KE KE | | | | | 3909 ARCTIC BLVD, SUITE 400 | 1900 000 | | SIDEWALK AND CURB RAMP |
| COMPANY: DATE: | TELEPHONE/CABLE TV | KE KE | | | | | ANCHORAGE, ALASKA 99503 | 65/° 0M\\ | | |
| 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION). THE CONTRACTOR—PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | ELECTRIC | KE KE | | | | | (907) 346-2373 CERT. OF AUTH. NO. | 62/BMI, | \\ <i>'\\'\</i> | GRADING PLAN |
| 9 | DESIGN | KE KE | | | | | CERT, OF AUTH, NO. AECL 1102 | 1 50 | | |
| · · · · · · · · · · · · · · · · · · · | QUANTITIES | KE KE | | | | | AECE 1102 | | _ | LOCATION DESC. |
| C 87 | PRELIMINARY/FINAL | KE KE | | | | | | 4 /74 /0007 | | HOR. 1"=20' GRID 1230 DATE JAN 2023 R16 |
| <u> </u> | MUNI. FINAL CHECK | KE KE | | | | | | 1/31/2023 | | SCALE of D16 |
| | DI ANI (| PHECK | CONSTRUCTION RECORD | VERTICAL DATUM | | PEVISIONS | CONSULTANT | SEAL | | VER N/A STATUS PRELIMINARY SHEET / KIO |

- 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. APPLY TWO COATS OF SURFACE APPLIED RED, YELLOW OR BLUE MMA TO THE CURB AND GUTTER WHERE SHOWN ON PLANS. NO GLASS BEADS SHALL BE USED ON PAINTED CURBS.
- 4. 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 AND 70-8.
- 5. ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.
- 6. IF NEW AND EXISTING PAVEMENT MARKINGS ARE NOT ALIGNED, USE A TAPER RATIO OF 50:1 TO MATCH EXISTING.
- 7. EXISTING MARKINGS SHOWN FOR REFERENCE ONLY, FIELD VERIFY ALL EXISTING STRIPING DIMENSIONS AND MATCH LOCATIONS.
- 8. STRIPING TO OCCUR BETWEEN 10PM AND 4AM.

PARKING METER POST NOTES:

- 1. PRIOR TO INSTALLING PARKING METERS, CONTACT EASYPARK TO VERIFY LOCATIONS.
- 2. INSTALL 10 POSTS ON THIS SHEET.

| YELLOW PAINTED CURB (MMA) | | | | | | | | | | | |
|---------------------------|----------|---------|----------|------------|--|--|--|--|--|--|--|
| BEGIN END ALIGNMENT | | | | | | | | | | | |
| STA | OFFSET | STA | OFFSET | ALIGINMENT | | | | | | | |
| 29+98.0 | 20.5' RT | 30+02.2 | 20.5' LT | 4TH AVE CL | | | | | | | |
| 33+30.4 | 20' LT | 33+79.9 | 20' LT | 4TH AVE CL | | | | | | | |
| | | | | • | | | | | | | |

| RED PAINTED CURB (MMA) | | | | | | | | | | | |
|------------------------|----------|---------|------------|------------|--|--|--|--|--|--|--|
| BEGIN | , | El | V D | ALIGNMENT | | | | | | | |
| STA | OFFSET | STA | OFFSET | ALIGNMENT | | | | | | | |
| 30+14.0 | 20.5' LT | 30+42.6 | 14.5' LT | 4TH AVE CL | | | | | | | |
| 30+23.2 | 20.5' RT | 30+42.5 | 12.5' RT | 4TH AVE CL | | | | | | | |
| 31+41.0 | 12' LT | 31+70.0 | 20' LT | 4TH AVE CL | | | | | | | |
| 31+41.3 | 12' RT | 31+60.9 | 20' RT | 4TH AVE CL | | | | | | | |
| <i>33+79.9</i> | 20' LT | 34+09.7 | 12' LT | 4TH AVE CL | | | | | | | |
| 33+89.9 | 20' RT | 34+09.4 | 12' RT | 4TH AVE CL | | | | | | | |

| BLUE PAINTED CURB (MMA) | | | | | | | | | | | |
|-------------------------|----------|---------|--------------|------------|--|--|--|--|--|--|--|
| BEGIN END ALIGNMENT | | | | | | | | | | | |
| STA | OFFSET | STA | ALIGINIMEINT | | | | | | | | |
| 30+02.2 | 20.5' RT | 30+23.2 | 20.5' RT | 4TH AVE CL | | | | | | | |
| 31+70.0 | 20' LT | 31+92.4 | 20' LT | 4TH AVE CL | | | | | | | |
| 33+66.9 | 20' RT | 33+89.9 | 20' RT | 4TH AVE CL | | | | | | | |
| | | | | | | | | | | | |

| E L | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | · | | |
|---|----------------------|------------|--------------|------------|----------------|-------|----------|---------------------------------------|----|--------------------------------------|----------------|--|--|
| RECORD DRAWING | DATA | DRAWN CHEC | KED | | 4,0 2,0 |) 20 | 9.0 | | | | | | PROJECT MANAGEMENT AND ENGINEERING |
| 1. DATA PROVIDED BY: | BASE | KE KE | | | | | | | | | | | DEPARTMENT |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE KE | | | | | • | | |] | _1 | 17Y OF . | |
| d) | PROFILE | KE KE | FIELD BO | DKS TBM NO | D. LOCATION | ELEV. | REV DATE | DESCRIPTION | BY | KINNEY | 195 00 | PALITY OF ANCA | PROJECT NO. 21-22 SCHEDULE A |
| CONTRACTOR: | STORM SEWER | KE KE | | | | | | | | MININE I | 131/5GR | 'ze 🗘 🐧 🔏 | 4TH AVENUE SIGNALS AND LIGHTING |
| | WATER/SANITARY SEWER | KE KE | | | | | | | | MANUAL MANUAL MANUAL PLANS | 1 17 75 55 1 | \$\\ _\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | UPGRADE - G STREET TO E STREET |
| 2. DATA TRANSFERRED BY:TITLE: | GAS | KE KE | | | | | | | | 3909 ARCTIC BLVD, SUITE 400 | 1 1/4 05-17/10 | | |
| COMPANY:DATE: | TELEPHONE/CABLE TV | KE KE | | | | | | | | ANCHORAGE, ALASKA 99503 | 65% aN(\ \ \ | | SIGNING AND STRIPING PLAN |
| 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | ELECTRIC | KE KE | | | | | | | | (907) 346-2373 CERT, OF AUTH, NO. | 65/18MI | \\`\\`\\\`\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | SIGNING AND STRIPING PLAN |
| SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | DESIGN | KE KE | | | | | | | | CERT. OF AUTH. NO. | ` 50' | | |
| | QUANTITIES | KE KE | | | | | | | | AECL 1102 | _ | | |
| | PRELIMINARY/FINAL | KE KE | | | | | | | | | | | HOR. 1"=20' GRID 1230 DATE JAN 2023 S1 |
| · | MUNI. FINAL CHECK | KE KE | | | | | | | | | 1/31/2023 | | |
| | PLAN | CHECK | CONSTRUCTION | RECORD | VERTICAL DATUM | | | REVISIONS | | CONSULTANT | SEAL | | SCALE VER. N/A STATUS: PRELIMINARY SHEET OF S9 |

PARKING METER POST NOTES:

1. PRIOR TO INSTALLING PARKING METERS, CONTACT EASYPARK TO VERIFY LOCATIONS.

2. INSTALL 10 POSTS ON THIS SHEET.

| | RED PAINTED CURB (MMA) | | | | | | | | | | | |
|-----|------------------------|----------|---------|-----------|------------|--|--|--|--|--|--|--|
| | BEGIN | , | E! | ND | ALIGNMENT | | | | | | | |
| 5 | STA | OFFSET | STA | OFFSET | ALIGNMENT | | | | | | | |
| 34+ | - <i>98.7</i> | 12' LT | 35+19.7 | 20' LT | 4TH AVE CL | | | | | | | |
| 34- | -98.9 | 15.2' RT | 35+14.1 | 20' RT | 4TH AVE CL | | | | | | | |
| 37- | +40.4 | 20' RT | 37+66.5 | 12.3' RT | 4TH AVE CL | | | | | | | |
| 37- | <i>+53.6</i> | 20' LT | 37+53.6 | 19.4' LT | 4TH AVE CL | | | | | | | |

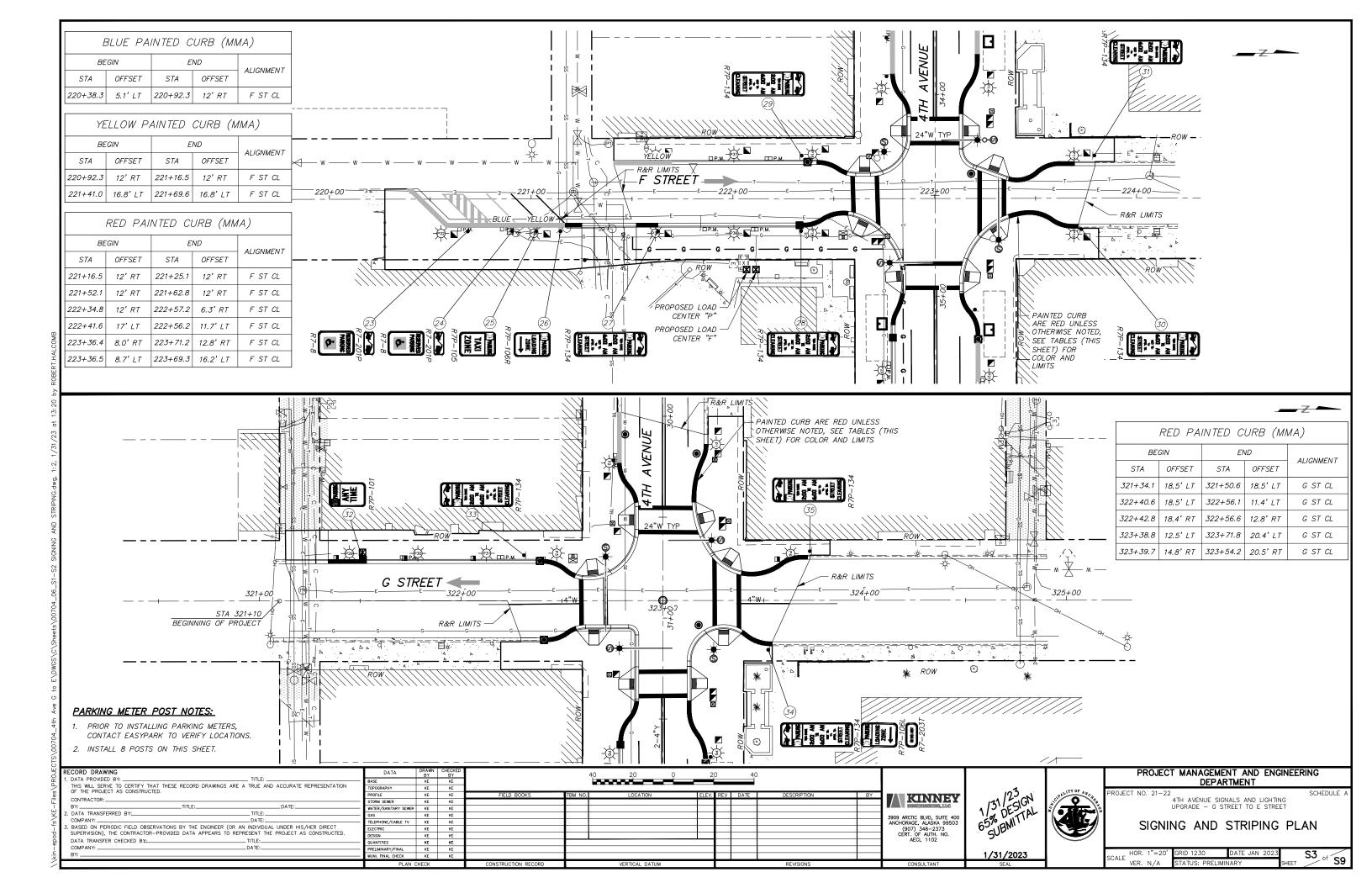
| BLUE PAINTED CURB (MMA) | | | | |
|-------------------------|--------|---------|--------|---------|
| ALIGNMENT | END | | BEGIN | |
| | OFFSET | STA | OFFSET | STA |
| 4TH AVE CL | 20' LT | 35+42.4 | 20' LT | 35+23.1 |

S2 of S9

RECORD DRAWING

1. DATA PROVIDED BY: _ PROJECT MANAGEMENT AND ENGINEERING 1/31/23 GN 65% DESIGN 55/8 DESIGN DEPARTMENT THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. PROJECT NO. 21-22 4TH AVENUE SIGNALS AND LIGHTING UPGRADE - G STREET TO E STREET KINNEY CONTRACTOR: ____ __TITLE:__ 3909 ARCTIC BLVD, SUITE 400 ANCHORAGE, ALASKA 99503 (907) 346-2373 CERT. OF AUTH. NO. AECL 1102 SIGNING AND STRIPING PLAN DATA TRANSFER CHECKED BY:_____COMPANY: _____ __DATE:_ GRID 1230 DATE JAN 2023 STATUS: PRELIMINARY HOR. 1"=20' 1/31/2023 SCALE

ROJECTS\00704_4th Ave G to E\DWGS\C\Sheets\00704_06_S1—S2 SIGNING AND STRIPING.dwg, 1:2, 1/31/23 at 13:2



| | | | | | SIGN SU | MMAR | Y | | | | | |
|--------------|---|---------|--------------|---------|-----------------------------------|--------------------|--------------------|--------------|---------------|----------------------|--|-------------------------|
| SHEET NO. | POST NO. | STATION | C/L REF. | TYPE | LEGEND | WIDTH (INCHES) | HEIGHT (INCHES) | AREA (SF) | SIGN FACES | SIGN POST | REMARKS | |
| | 1 | 30+22 | 24.50' | R7-201P | (TOW AWAY) | 12.00 | 6.00 | 0.50 | w | 2.5" X 2.5" | | |
| | | 30+22 | RT | R7-8 | RESERVED PARKING (ADA) | 12.00 | 18.00 | 1.50 | " | P.S.T | | |
| | | | | D3-1 | G St | 48.00 | 24.00 | 8.00 | E | | MOUNT ON SIGNAL POLE MAST ARM. | |
| | | | | R3-1 | RT TURN PROHIBITED | 24.00 | 24.00 | 4.00 | E | | SEE SIGNAL PROFILES | |
| | | | | R6-2L | ONE WAY | 24.00 | 30.00 | 5.00 | E | | FOR MORE INFORMATION | |
| | 2 | 30+61 | 28.68' LT | D3-101 | W 4th Ave 700 | 30.00 | 8.00 | 1.67 | N/S | N/A | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE G1 SHAFT | |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | N | | MOUNT ON SIGNAL | |
| | | | | R10-101 | MEANING OF PEDESTRIAN | 9.00 | 12.00 | 3.00 | W | 1 | POLE G1 SHAFT | |
| | | | | 10 101 | INDICATIONS | 3.00 | 72.00 | 3.00 | - " | | MOUNT ON SIGNAL | |
| | | | | D3-1 | 4TH AVE | 72.00 | 24.00 | 12.00 | N | | POLE MAST ARM. SEE SIGNAL PROFILES FOR MORE INFORMATION | |
| | | | 00.70 | | ARTS DISTRICT TOPPER | | | | E/W | | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE G4 SHAFT | |
| | 3 | 30+65 | 28.36' RT | D3-101 | G STREET 400 | 24.00 | 8.00 | 1.33 | , | N/A | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE G4 SHAFT | |
| | | | | R6-1L | ONE WAY (ARROW LEFT) | 36.00 | 12.00 | 3.00 | W | | | |
| | | | | R6-1R | ONE WAY (ARROW RIGHT) | 36.00 | 12.00 | 3.00 | E | | MOUNT ON SIGNAL | |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | W | | POLE G4 SHAFT | |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | S | | | |
| | | | | D3-1 | G St | 48.00 | 24.00 | 8.00 | W | | MOUNT ON SIGNAL | |
| | | | | R6-2R | ONE WAY | 24.00 | 30.00 | 5.00 | W | - | POLE MAST ARM. SEE SIGNAL PROFILES | |
| | | 31+15 | | | R3-2 | LT TURN PROHIBITED | 24.00 | 24.00 | 4.00 | W | - | FOR MORE INFORMATION |
| 61 | 4 | | 26.34' | | MUSHING DISTRICT TOPPER | | | | N/S | N/A | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE G3 SHAFT | |
| S1 | , | | RT | D3-101 | W 4th Ave 600 | 30.00 | 8.00 | 1.67 | N/S | | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE G3 SHAFT | |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | W | | MOUNT ON SIGNAL | |
| | | | | R10-101 | MEANING OF PEDESTRIAN | 9.00 | 12.00 | 3.00 | S | 1 | POLE G3 SHAFT | |
| | | | | | INDICATIONS ARTS DISTRICT TOPPER | | | | E/W | | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE G2 SHAFT | |
| | 5 | 31+20 | 25.12° | D3-101 | G STREET 300 | 30.00 | 8.00 | 1.67 | E/W | N/A | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE G2 SHAFT | |
| | _ | | LT | R6-1L | ONE WAY (ARROW LEFT) | 36.00 | 12.00 | 3.00 | Ε |] | | |
| | | | | R6-1R | ONE WAY (ARROW RIGHT) | 36.00 | 12.00 | 3.00 | W |] | MOUNT ON COMA | |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | N | | MOUNT ON SIGNAL POLE G2 SHAFT | |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | Ε | 1 | | |
| | | | 23.50' | R7-201P | (TOW AWAY) | 12.00 | 6.00 | 0.50 | | 2.5" X 2.5" | | |
| | 6 | 31+69 | 23.50 LT | R7-8 | RESERVED PARKING (ADA) | 12.00 | 18.00 | 1.50 | E | 2.5 X 2.5 P.S.T | | |
| | 7 31+88 23.49' R7P-134 (TOW AWAY) / NO PARKIN / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 1 / TO / APRIL 15 / STREET CLEANING | | | | | 12.00 | 36.00 | 3.00 | E | 2.5" X 2.5" P.S.T | | |

| | | | | | SIGN SU | MMAR | Y | | | | |
|--------------|-------------|---------|--------------|----------|--|-------------------|--------------------|--------------|---------------|----------------------|---|
| SHEET NO. | POST NO. | STATION | C/L REF. | TYPE | LEGEND | WIDTH (INCHES) | HEIGHT (INCHES) | AREA (SF) | SIGN FACES | SIGN POST | REMARKS |
| | 8 | 32+80 | 24.00' RT | R7P-134 | / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | W | 2.5" X 2.5" P.S.T | |
| | 9 | 32+80 | 23.41' LT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | Ε | 2.5" X 2.5" P.S.T | |
| | 10 | 33+32 | 23.37' LT | R7P-106R | NO PARKING / LOADING ZONE / ARROW RIGHT | 12.00 | 18.00 | 1.50 | Ε | 2.5" X 2.5" P.S.T | |
| | 11 | 33+72 | 24.00' RT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | W | 2.5" X 2.5" P.S.T | |
| | | | 24.00' | R7-201P | (TOW AWAY) | 12.00 | 6.00 | 0.50 | | 2.5" X 2.5" | |
| | 12 | 33+91 | RT | R7-8 | RESERVED PARKING (ADA) | 12.00 | 18.00 | 1.50 | W | P.S.T | |
| | | | | D3-1 | F St | 48.00 | 24.00 | 8.00 | Ε | | MOUNT ON SIGNAL POLE MAST ARM. |
| | | | | R2-6R | ONE WAY | 24.00 | 30.00 | 5.00 | Ε | | SEE SIGNAL PROFILES |
| | | | | R3-2 | LT TURN PROHIBITED | 24.00 | 24.00 | 4.00 | Ε | | FOR MORE INFORMATION |
| | 13 | 34+23 | 29.12' LT | | MUSHING DISTRICT TOPPER | | | | N/S | N/A | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE F1 SHAFT |
| | | | L | D3-101 | W 4th Ave 600 | 30.00 | 8.00 | 1.67 | N/S | | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE F1 SHAFT |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | N | | MOUNT ON SIGNAL |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 W | | | POLE F1 SHAFT |
| | | | | D3-101 | F St 400 | 18.00 | 8.00 | 1.00 | E/W | _ | |
| | | | | R6-1L | ONE WAY (ARROW LEFT) | 36.00 | 12.00 | 3.00 | W | - | |
| | 14 | 34+24 | 25.22' RT | R6-1R | ONE WAY (ARROW RIGHT) MEANING OF PEDESTRIAN | 36.00 | 12.00 | 3.00 | Ε | N/A | MOUNT ON SIGNAL POLE F4 SHAFT |
| | | | | R10-101 | INDICATIONS | 9.00 | 12.00 | 3.00 | W | | 7 022 7 7 3777 |
| S1 | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | S | | |
| 51 | | | | D3-1 | 4TH AVE | 72.00 | 24.00 | 12.00 | S | | MOUNT ON SIGNAL POLE MAST ARM. SEE SIGNAL PROFILES FOR MORE INFORMATION |
| | 15 | 34+77 | 31.42' LT | D3-101 | F St 300 | 18.00 | 8.00 | 1.00 | E/W | N/A | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE F2 SHAFT |
| | | | | R6-1L | ONE WAY (ARROW LEFT) | 36.00 | 12.00 | 3.00 | Ε | | |
| | | | | R6-1R | ONE WAY (ARROW RIGHT) | 36.00 | 12.00 | 3.00 | W | | MOUNT ON SIGNAL |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | N | | POLE F2 SHAFT |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | E | | |

SIGNING NOTES:

1. THE STATIONS AND CENTERLINE REFERENCES INDICATED IN THE SIGN SUMMARY ARE APPROXIMATE. INSTALL SIGNS AND SIGN FOUNDATIONS PER M.A.S.S. STANDARD DETAILS. BEFORE INSTALLING ANY SIGN, STAKE LOCATION OF ALL SIGNS FOR THE APPROVAL OF THE ENGINEER.

- 2. UNLESS OTHERWISE NOTED, PROVIDE PERFORATED STEEL TUBE (PST) POSTS OF THE SIZE INDICATED IN THE SIGN SUMMARY.
- 3. INSTALL THE POSTS FOR STOP SIGNS AT LOCATIONS THAT CONFORM TO M.A.S.S. STANDARD DETAIL 70-18.
- 4. ALL STOP SIGNS AND STREET NAME SIGNS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
- 5. THE REMOVAL AND RELOCATING OF SIGNS SHALL BE SUBSIDIARY TO THE STANDARD SIGN PAY ITEM.

| стs\00. | | | | | | | | 6. SEE | SHEETS S8 & S9 FOR SPECIAL | . SIGN LAYOUTS. | | | |
|---------|---|-------------------------------------|------------------------|-------------|---------|-------------|---------|--------|----------------------------|--|-------------|--------------------|---|
| ROJE | RECORD DRAWING 1. DATA PROVIDED BY: | DATA | DRAWN CHECKED BY BY | | | | | | | | | | PROJECT MANAGEMENT AND ENGINEERING |
| JP S | THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE KE | | | | | | | | 3 | ATY OF A. | DEPARTMENT PROJECT NO. 21–22 SCHEDUI |
| Files | 001/7040700 | PROFILE STORM SEWER | KE KE | FIELD BOOKS | TBM NO. | LOCATION EI | EV. REV | DATE | DESCRIPTION BY | KINNEY | 131/23GN | CLEAL TY OF ANCHOR | 4TH AVENUE SIGNALS AND LIGHTING |
| Έ | BY: | WATER/SANITARY SEWER | KE KE | | | | | | | HWEINERDOR ITC | 1/31/DESTON | | UPGRADE — G STREET TO E STREET |
| S | COMPANY:DATE: | GAS TELEPHONE/CABLE TV | KE KE | | | | | | | 3909 ARCTIC BLVD, SUITE 400 ANCHORAGE, ALASKA 99503 | C5% 21/17/1 | | SIGN SUMMARY |
| d-f | 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. | ELECTRIC DESIGN | KE KE | | | | | | | (907) 346-2373 CERT. OF AUTH. NO. | 65%BM11. | | SIGN SUMMART |
| ebo | | QUANTITIES | KE KE | | | | | | | AECL 1102 | ا ا | | |
| i. | 87 | PRELIMINARY/FINAL MUNI. FINAL CHECK | KE KE | | | · | | | | | 1/31/2023 | | OOU HOR. N/A GRID 1230 DATE JAN 2023 S4 |
| ž | | MONE THAT OF EACH | | | 1 | | _ | | | | ., , 2020 | | SCALE VER N /A STATUS DREUMINARY |

| | | | | | SIGN SU | MMAR | 'Y | | | | |
|--------------|-------------|---------|--------------|----------|--|-------------------|--------------------|--------------|---------------|----------------------|--|
| SHEET NO. | POST NO. | STATION | C/L REF. | TYPE | LEGEND | WIDTH (INCHES) | HEIGHT (INCHES) | AREA (SF) | SIGN FACES | SIGN POST | REMARKS |
| | | | | D3-1 | F St | 48.00 | 24.00 | 8.00 | W | | MOUNT ON SIGNAL POLE MAST ARM. |
| | | | | R3-1 | RT TURN PROHIBITED | 24.00 | 24.00 | 4.00 | W | | SEE SIGNAL PROFILES |
| | | | | R6-2L | ONE WAY | 24.00 | 30.00 | 5.00 | W | | FOR MORE INFORMATION |
| | 16 | 34+79 | 27.17' | | MUSHING DISTRICT TOPPER | | | | N/S | N/A | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE F3 SHAFT |
| | | | RT | D3-101 | W 4th Ave 500 | 30.00 | 8.00 | 1.67 | N/S | · | ONE DOUBLE SIDED SIGN PANEL MOUNTED ON SIGNAL POLE F3 SHAFT |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | E | | MOUNT ON SIGNAL |
| | | | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | 9.00 | 12.00 | 3.00 | S | | POLE F3 SHAFT |
| | 17 | 35+07 | 19.54 | R7-201P | (TOW AWAY) | 12.00 | 6.00 | 0.50 | E | 2.5" X 2.5" | |
| | '' | 33707 | LT | R7-8 | RESERVED PARKING (ADA) | 12.00 | 18.00 | 1.50 | | P.S.T | |
| | 18 | 35+83 | 23.25' RT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | W | 2.5" X 2.5" P.S.T | |
| | 19 | 36+12 | 23.26' LT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | E | 2.5" X 2.5" P.S.T | |
| <i>S2</i> | 20 | 36+75 | 23.25' RT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | W | 2.5" X 2.5" P.S.T | |
| | 21 | 36+77 | 23.26' LT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | E | 2.5" X 2.5" P.S.T | |
| | 22 | 37+08 | 23.26' LT | R7P-106R | NO PARKING / LOADING ZONE / ARROW RIGHT | 12.00 | 18.00 | 1.50 | E | 2.5" X 2.5" P.S.T | |
| | 0.7 | 000.00 | 16.00' | R7-201P | TOW AWAY | 12.00 | 6.00 | 0.50 | 611 | 2.5" X 2.5" | |
| | 23 | 220+69 | RT | R7-8 | RESERVED PARKING (ADA) | 12.00 | 18.00 | 1.50 | SW | P.S.T | |
| | 24 | 220+91 | 16.00' | R7-201P | TOW AWAY | 12.00 | 6.00 | 0.50 | SW | 2.5" X 2.5" | |
| | | 220131 | RI | R7-8 | RESERVED PARKING (ADA) | 12.00 | 18.00 | 1.50 | J | P.S.T | |
| | 25 | 221+03 | 16.00' RT | R7P-105 | NO PARKING / TAXI ZONE | 12.00 | 18.00 | 1.50 | SW | 2.5" X 2.5" P.S.T | |
| | 26 | 221+15 | 16.00' RT | R7P-106R | NO PARKING / LOADING ZONE / ARROW RIGHT | 12.00 | 18.00 | 1.50 | SW | 2.5" X 2.5" P.S.T | |
| | 27 | 221+63 | 16.00' RT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | S | 2.5" X 2.5" P.S.T | |
| | 28 | 222+34 | 16.00' RT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | S | 2.5" X 2.5" P.S.T | |
| | 29 | 222+34 | 21.34' LT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | S | 2.5" X 2.5" P.S.T | |

| SIGN SUMMARY | | | | | | | | | | | |
|--------------|--|-----------------------|--------------|----------|--|-------------------|--------------------|--------------|---------------|-----------------------|---------|
| SHEET NO. | POST NO. | STATION | C/L REF. | TYPE | LEGEND | WIDTH (INCHES) | HEIGHT (INCHES) | AREA (SF) | SIGN FACES | SIGN POST | REMARKS |
| S3 | 30 | 223+73 | 15.29' RT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | S | 2.5" X 2.5" P.S.T | |
| | 31 | 223+79 | 21.20' LT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | S | 2.5" X 2.5" P.S.T | |
| | 32 | 32 321+51 22.50' R7P- | | | NO PARKING / ANY TIME | 12.00 | 18.00 | 1.50 | N | 2.5" X 2.5" P.S.T. | |
| | 33 | 322+31 22.50' R7P-134 | | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | N | 2.5" X 2.5" P.S.T | |
| | 34 | 323+52 | 24.47' RT | R7P-134 | (TOW AWAY) / NO PARKING / THIS BLOCK / 2:00 AM / TO / 6:00 AM / OCT 15 / TO / APRIL 15 / STREET CLEANING | 12.00 | 36.00 | 3.00 | N | 2.5" X 2.5" P.S.T. | |
| | | | ,,, | R7P-106L | NO PARKING / LOADING ZONE / ARROW LEFT | 12.00 | 18.00 | 1.50 | | 7 .5.7. | |
| | | | | R7-203T | 30 MIN LIMIT PLAQUE | 12.00 | 6.00 | 0.50 | 1 | | |
| | 35 323+73 24.37' R7P-134 (TOW AWAY) / NO PA / THIS BLOCK / 2:00 / TO / 6:00 AM / O / TO / APRIL 15 STREET CLEANING | | | | | 12.00 | 36.00 | 3.00 | N | 2.5" X 2.5" P.S.T. | |
| | | | | | | | TOTAL: | 245.18 | | | |

| CORD DRAWING | <u> </u> | | | |
|--------------------------------------|--|------------------|------------------|------------------|
| DATA PROVIDED BY: . | | | TITLE: | |
| THIS WILL SERVE TO OF THE PROJECT AS | CERTIFY THAT THESE RECORD CONSTRUCTED. | DRAWINGS ARE A | TRUE AND ACCURAT | E REPRESENTATION |
| CONTRACTOR: | | | | |
| BY: | TITLE:_ | | DATE:_ | |
| DATA TRANSFERRED | BY: | | TITLE: | |
| COMPANY: | | | DATE: | |
| | FIELD OBSERVATIONS BY THE | | | |
| SUPERVISION), THE C | ONTRACTOR-PROVIDED DATA | APPEARS TO REPRE | SENT THE PROJECT | AS CONSTRUCTED. |
| DATA TRANSFER CHE | CKED BY: | | TTLE: | |
| COMPANY: | | [| ATE: | |
| BY: | | | | |

| DATA | DRAWN BY | CHECKED BY | | | | | | | | | |
|----------------------|-------------|---------------|---------------------|---------|----------------|-------|-----------|------|-------------|----|-----------|
| BASE | KE | KE | | | | | | | | | |
| TOPOGRAPHY | KE | KE | | | | | | | | | |
| PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV. | REV | DATE | DESCRIPTION | BY | |
| STORM SEWER | KE | KE | | | | | | | | | |
| WATER/SANITARY SEWER | KE | KE | | | | | | | | | |
| GAS | KE | KE | | | | | | | | | 3909 AF |
| TELEPHONE/CABLE TV | KE | KE | | | | | | | | | ANCHOR |
| ELECTRIC | KE | KE | | | | | | | | | (9 CER |
| DESIGN | KE | KE | | | | | | | | | CER |
| QUANTITIES | KE | KE | | | | | | | | | |
| PRELIMINARY/FINAL | KE | KE | | | | | | | | | |
| MUNI. FINAL CHECK | KE | KE | | | | | | | | | |
| PLAN C | CHECK | | CONSTRUCTION RECORD | | VERTICAL DATUM | | REVISIONS | | | | |

KINNEY

1/31/2023

PROJECT NO. 21-22 4TH AVENUE SIGNALS AND LIGHTING UPGRADE - G STREET TO E STREET

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

SIGN SUMMARY

GRID 1230 DATE JAN 2023 STATUS: PRELIMINARY SCALE HOR. N/A VER. N/A

S5 of S9

| \exists |
|--------------------------|
| È |
| 됴 |
| Z |
| \simeq |
| ₹ |
| _ |
| â |
| _ |
| 4 |
| ö |
| _ |
| ъ |
| M |
| ξį |
| 3 |
| 2 |
| - |
| 'n |
| <u>::</u> |
| |
| Ď |
| ò |
| ι |
| ≓ |
| Ê |
| Ы |
| I |
| ≥ |
| ಬ |
| S |
| S |
| ω' |
| Ś |
| 4 |
| ώ, |
| 4_06_3 |
| 90 |
| 4 |
| 2 |
| 007 |
| 9 |
| ţ2 |
| e |
| Ě |
| 9 |
| 0 |
| Ś |
| Š |
| Δ. |
| ш |
| |
| \$ |
| O |
| |
| (1) |
| ۱ve |
| Ave |
| th Ave |
| 4th A |
| 4_4th Ave |
| 4th A |
| 4th A |
| 4th A |
| S\00704_4th A |
| 4th A |
| S\00704_4th A |
| S\00704_4th A |
| S\00704_4th A |
| S\00704_4th A |
| les\PROJECTS\00704_4th A |
| S\00704_4th A |

| | | | SIGN SALVAGE S | UMM. | ARY |
|---------|-------------|---------|--|---------------|---------|
| STATION | C/L REF. | TYPE | LEGEND | SIGN FACES | REMARKS |
| | | R7-201a | TOW AWAY \ \$100 MIN. FINE | | |
| 30+13 | RT | SPECIAL | RESERVED PARKING \ ADA SYMBOL \ 2 HR. LIMIT \ PERMIT ONLY | w | |
| | | R6-1L | ONE WAY (ARROW LEFT) | Ε | |
| | | R6-1R | ONE WAY (ARROW RIGHT) | W | |
| 30+56 | RT | D3-101 | G STREET 400 | E/W | |
| 30730 | 7.7 | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | W | |
| | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | S | |
| 30+61 | LT | R6-2L | ONE WAY | Ε | |
| | | D3-1 | W 4TH AVE 700 | N/S | |
| 30+61 | LT | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | W | |
| | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | N | |
| | | R6-1R | ONE WAY (ARROW RIGHT) | W | |
| | | R6-1L | ONE WAY (ARROW LEFT) | Ε | |
| 74 . 00 | | D3-101 | G STREET 300 | E/W | |
| 31+22 | LT | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | Ν | |
| | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | Ε | |
| 31+21 | RT | R6-2R | ONE WAY | W | |
| | | D3-101 | W 4TH AVE 600 | N/S | |
| 31+21 | RT | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | S | |
| | | R10-101 | MEANING OF PEDESTRIAN INDICATIONS | E | |
| 31+86 | RT | R7P-134 | TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM \ TO \ 6:00 AM \ OCT 15 \ TO \ APRIL 15 \ STREET CLEANING | W | |
| 31+69 | LT | R7-8 | RESERVED PARKING \ (ADA SYMBOL) | Ε | |
| | | R7P-106 | NO PARKING \ LOADING ZONE | | |
| 31+98 | RT | R7-203T | 15 MIN LIMIT | W | |
| | | R7-203 | TWO WAY ARROW (PLAQUE) | | |
| 31+88 | LT | R7P-134 | TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM \ TO \ 6:00 AM \ OCT 15 \ TO \ APRIL 15 \ STREET CLEANING | Ε | |
| 32+70 | LT | R7P-134 | TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM \ TO \ 6:00 AM \ OCT 15 \ TO \ APRIL 15 \ STREET CLEANING | Ε | |
| 32+80 | LT | R7P-134 | TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM \ TO \ 6:00 AM \ OCT 15 \ TO \ APRIL 15 \ STREET CLEANING | Ε | |

SALVAGE SIGN NOTES:

- 1. REMOVE AND SALVAGE SIGNS IS SUBSIDIARY TO THE STANDARD SIGN PAY ITEM.
- 2. SIGN MOUNTED ON EXISTING STEEL POST
- 3. SIGN MOUNTED ON EXISTING SIGNAL POLE SHAFT
- 4. SIGN MOUNTED ON EXISTING SIGNAL POLE MAST ARM

| | | | | | | | | | | | | | SPE | CIAL PERM | 1 |
|---|----------------------|-------------|---------------|---------------------|---------|----------------|-------|-----|------|------|----------|---|-----|--------------------------------------|---|
| 5. SIGN MOUNTED ON EXISTING LIGHT POLE | | | | | | | | | | | | | | | |
| RECORD DRAWING | DATA | DRAWN BY | CHECKED BY | | | | | | | | | | | | Ī |
| 1. DATA PROVIDED BY: | BASE | KE | KE | | | | | | | | | | | | ı |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE | KE | | | | | | | | | | | | ı |
| | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV. | REV | DATE | DESC | CRIPTION | В | Υ | WAS INTRIBUTED. | ı |
| CONTRACTOR: | STORM SEWER | KE | KE | | | | | | | | | | | KINNEY | ı |
| BY:DATE: | WATER/SANITARY SEWER | KE | KE | | | | | | | | | | | Bideridasander (175 | 1 |
| 2. DATA TRANSFERRED BY:TITLE: | GAS | KE | KE | | | | | | | | | | | 3909 ARCTIC BLVD, SUITE 400 | ı |
| COMPANY:DATE: | TELEPHONE/CABLE TV | KE | KE | | | | | | | | | | | ANCHORAGE, ALASKA 99503 | ı |
| 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | ELECTRIC | KE | KE | | | | | | | | | | | (907) 346-2373 CERT. OF AUTH. NO. | ı |
| SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | DESIGN | KE | KE | | | | | | | | | | | CERT. OF AUTH. NO. | ı |
| DATA TRANSFER CHECKED BY:TITLE: | QUANTITIES | KE | KE | | | | | | | | | | | AECL 1102 | ı |
| COMPANY:DATE: | PRELIMINARY/FINAL | KE | KE | | | | | | | | | | | | ı |
| BY: | MUNI. FINAL CHECK | KE | KE | | | | | | | | | | | | ı |
| | PLAN | CHECK | | CONSTRUCTION RECORD | | VERTICAL DATUM | | | | RE\ | VISIONS | · | | CONSULTANT | Ĺ |
| | | | | | | | | | | | | | | | _ |

| 1/31/23GN 1/3 DESIGN 65% DEMITTAL |
|---|
| 1 /31 /2023 |

SIGN SALVAGE SUMMARY

W

W

Ε

Ε

W

Ε

W E/W

S

W

N/S W

Ν

W

S

W

N/S

Ε

S

LEGEND

TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

NO PARKING \ FREIGHT\ LOADING \

ZONE \ 9 AM - 6 PM \ MON - SUN

LEFT ARROW (PLAQUE)

NO PARKING \ FREIGHT\ LOADING \

ZONE \ 9 AM - 6 PM \ MON - SUN

TWO WAY ARROW (PLAQUE) TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

NO PARKING \ LOADING ZONE

15 MIN LIMIT TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING ONE WAY (ARROW LEFT)

ONE WAY (ARROW RIGHT)

F STREET 400

MEANING OF PEDESTRIAN INDICATIONS

MEANING OF PEDESTRIAN INDICATIONS

ONE WAY W 4TH AVE 600

MEANING OF PEDESTRIAN INDICATIONS

MEANING OF PEDESTRIAN INDICATIONS

ONE WAY (ARROW LEFT)

ONE WAY (ARROW RIGHT) F STREET 300

MEANING OF PEDESTRIAN INDICATIONS

MEANING OF PEDESTRIAN INDICATIONS

ONE WAY

W 4TH AVE 500

MEANING OF PEDESTRIAN INDICATIONS

MEANING OF PEDESTRIAN INDICATIONS

TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15 \ TO \ APRIL 15 \ STREET CLEANING

TOW AWAY \ NO PARKING SYMBOL \

PERMIT HOLDERS ONLY

SHUTTLE BUSES ONLY \ 10 MIN LIMIT

C/L REF.

RT

RT

RT

LT

LT

RT

LT

RT

RT

LT

LT

RT

RT

TYPE

R7P-134

R7P-106

R7-203L

R7P-106

R7-203

R7P-134

R7P-106

R7-203T

R7P-134

R7P-134

R6-1L

R6-1R

R10-101

R10-101

R6-2R

R10-101

R10-101

R6-1R

D3-101

R10-101

R10-101

R6-2L

D3-101

R10-101

R10-101

R7P-134

SPECIAL

STATION

33+01

33+17

33+33

33+17

33+33

33+58

33+85

34+79

34+79

.34 + 77

34+23

34+24

35+22

34+23 LT

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

REMARKS

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

SALVAGE SIGN SUMMARY

DATE JAN 2023 S6 SCALE VER. N/A STATUS: PRELIMINARY

| | JAL | VAGE |
|------------|-----|-----------|
| SCALE HOR. | N/A | GRID 1230 |
| | | |

S9

| KLER |
|--------|
| Ä.FIN |
| RON |
| AAF |
| ρ |
| 47 |
| ö |
| ъ |
| /25/23 |
| 25/ |
| > |
| 1:2, |
| ۸g, |
| ALS.dw |
| |
| В |
| SUM- |
| |
| S8_SS |
| 1-S8 |
| |
| 4_06_S |
| |
| 00700 |
| 2/8 |
| eet |
| R |
| 0/2 |
| WGS |
| E\D |
| 유 |
| 9 |
| Ave |
| # |
| ٦, |
| 0704 |
| 3/0(|
| - |
| OJEC. |
| PRC |

| SIGN SALVAGE SUMMARY | | | | | | | | | | |
|--|-------------|--|--|---------------|---------|--|--|--|--|--|
| STATION | C/L REF. | TYPE | LEGEND | SIGN FACES | REMARKS | | | | | |
| 35+22 | LT | R7P-134 | TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM TO 6:00 AM \ OCT 15 THRU APRIL 15 \ STREET CLEANING | Ε | | | | | | |
| 35+56 | RT | SPECIAL | TOW AWAY \ NO PARKING SYMBOL \ SHUTTLE BUSES ONLY \ 10 MIN LIMIT \ ARROW | w | | | | | | |
| | | SPECIAL | PERMIT HOLDERS ONLY | | | | | | | |
| 35+86 | RT | SPECIAL | TOW AWAY \ NO PARKING SYMBOL \ SHUTTLE BUSES ONLY \ 10 MIN LIMIT \ ARROW | w | | | | | | |
| | | SPECIAL | PERMIT HOLDERS ONLY | | | | | | | |
| 36+12 | LT | R7P-134 | TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM TO 6:00 AM \ OCT 15 THRU APRIL 15 \ STREET CLEANING | Ε | | | | | | |
| 36+16 | RT | SPECIAL | TOW AWAY \ NO PARKING SYMBOL \ SHUTTLE BUSES ONLY \ 10 MIN LIMIT \ ARROW | W | | | | | | |
| | | SPECIAL | PERMIT HOLDERS ONLY | | | | | | | |
| 36+76 | RT | SPECIAL | TOW AWAY \ NO PARKING SYMBOL \ SHUTTLE BUSES ONLY \ 10 MIN LIMIT \ ARROW | W | | | | | | |
| | | SPECIAL | PERMIT HOLDERS ONLY | | | | | | | |
| 36+77 | LT | R7P-134 | TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM TO 6:00 AM \ OCT 15 THRU APRIL 15 \ STREET CLEANING | Ε | | | | | | |
| 37+06 | RT | SPECIAL | TOW AWAY \ NO PARKING SYMBOL \ SHUTTLE BUSES ONLY \ 10 MIN LIMIT \ ARROW | w | | | | | | |
| | | SPECIAL | PERMIT HOLDERS ONLY | | | | | | | |
| 37+08 | LT | R7P-106 | NO PARKING \ PASSENGER \ LOADING \ ZONE | Ε | | | | | | |
| | | R7-8 | RESERVED PARKING (ADA) | | | | | | | |
| 220+68 | RT | R7-112 | DIAGONAL PARKING ONLY (TWO-WAY ARROW) | S | | | | | | |
| | | R7-8 | RESERVED PARKING (ADA) | | | | | | | |
| 220+78 RT R7_112 DIAGONAL PARKING ONLY (TWO-WA | | DIAGONAL PARKING ONLY (TWO-WAY ARROW) | S | | | | | | | |
| | | R7P-105 | NO PARKING \ TAXI ZONE | | | | | | | |
| 220+95 | RT | R7-112 | DIAGONAL PARKING ONLY (TWO-WAY ARROW) | S | | | | | | |
| 004 : 10 | 0.7 | R7P-105 | NO PARKING \ TAXI \ ZONE | _ | | | | | | |
| 221+12 | RT | R7-112 | DIAGONAL PARKING ONLY (TWO-WAY ARROW) | S | | | | | | |

SALVAGE SIGN NOTES:

- 2. SIGN MOUNTED ON EXISTING STEEL POST
- 3. SIGN MOUNTED ON EXISTING SIGNAL POLE SHAFT

| 4. SIGN MOUNTED ON EXISTING SIGNAL POLE MAST ARM | | | | | | | | | | | | |
|--|----------------------|-------------|---------|---------------------|---------|----------------|------|--------|------|-------------|----|-----------------------------|
| 5. SIGN MOUNTED ON EXISTING LIGHT POLE | | | | | | | | | | | | |
| RECORD DRAWING | DATA | DRAWN BY | CHECKED | | | | | | | | | |
| 1. DATA PROVIDED BY: | BASE | KE | KE | | | | | | | | | 1 1 |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION | TOPOGRAPHY | KE | KE | | | | | | | | | 1 1 |
| OF THE PROJECT AS CONSTRUCTED. | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV | /. REV | DATE | DESCRIPTION | BY | WAS TETRIBLESE |
| CONTRACTOR: | STORM SEWER | KE | KE | | | | | | | | | KINNEY |
| BY:DATE: | WATER/SANITARY SEWER | KE | KE | | | | | | | | | antigent describes ave- |
| 2. DATA TRANSFERRED BY:TITLE: | GAS | KE | KE | | | | | | | | | 3909 ARCTIC BLVD, SUITE 400 |
| COMPANY:DATE: | TELEPHONE/CABLE TV | KE | KE | | | | | | | | | ANCHORAGE, ALASKA 99503 |
| 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | ELECTRIC | KE | KE | | | | | | | | | (907) 346-2373 |
| SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | DESIGN | KE | KE | | | | | | | | | CÈRT. OF AUTH. NO. |
| DATA TRANSFER CHECKED BY:TITLE: | QUANTITIES | KE | KE | | | | | | | | | AECL 1102 |
| COMPANY:DATE: | PRELIMINARY/FINAL | KE | KE | | | | | | | | | 1 1 |
| BY: | MUNI. FINAL CHECK | KE | KE | | | | | | | | | 1 1 |
| | PLAN | CHECK | | CONSTRUCTION RECORD | | VERTICAL DATUM | | T | | REVISIONS | | CONSULTANT |
| | - | | | | | | | _ | | | | |

| 1/31/23 1/31/23GN 65% DESIGN 65% DEMITTAL |
|--|
| 1/31/2023 |

SIGN SALVAGE SUMMARY

FACES

S

S

S

SE

S

SE

S

S

Ν

Ν

Ν

Ν

Ν

Ν

LEGEND

NO PARKING \ LOADING \ ZONE

NO PARKING \ ANY \ TIME

TOW AWAY (PLAQUE)

TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

ONE WAY

NO PARKING \ FREIGHT LOADING ZONE

ARROW (LEFT) PLAQUE TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING NO PARKING \ ANY \ TIME\ ARROW

(LEFT) TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

NO PARKING \ ANY \ TIME

TOW AWAY \ NO PARKING \ THIS BLOCK \ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

NO PARKING \ LOADING \ ZONE

30 MIN LIMIT

TOW AWAY \ NO PARKING \ THIS BLOCK

\ 2:00 AM \ TO \ 6:00 AM \ OCT 15

\ TO \ APRIL 15 \ STREET CLEANING

C/L REF.

RT

LT

RT

LT

LT

RT

LT

RT

LT

LT

LT

RT

LT

LT

TYPE

R7P-134

R7P-101

R7-201a

R7P-134

R6-2L

R7P

R7P-134

R7P-134

R7P-134

R7P-134

R7P-134

R7P-101

R7P-134

R7P-134

R7P-134

R7P-106

R7-203T

R7P-134

STATION

221+21

221+29

221+45

221+63

221+79

221+95

222+34

223+73

223+79

321+48

321+61

322+20

322+31

322+48 RT

323+48 RT

323+52

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

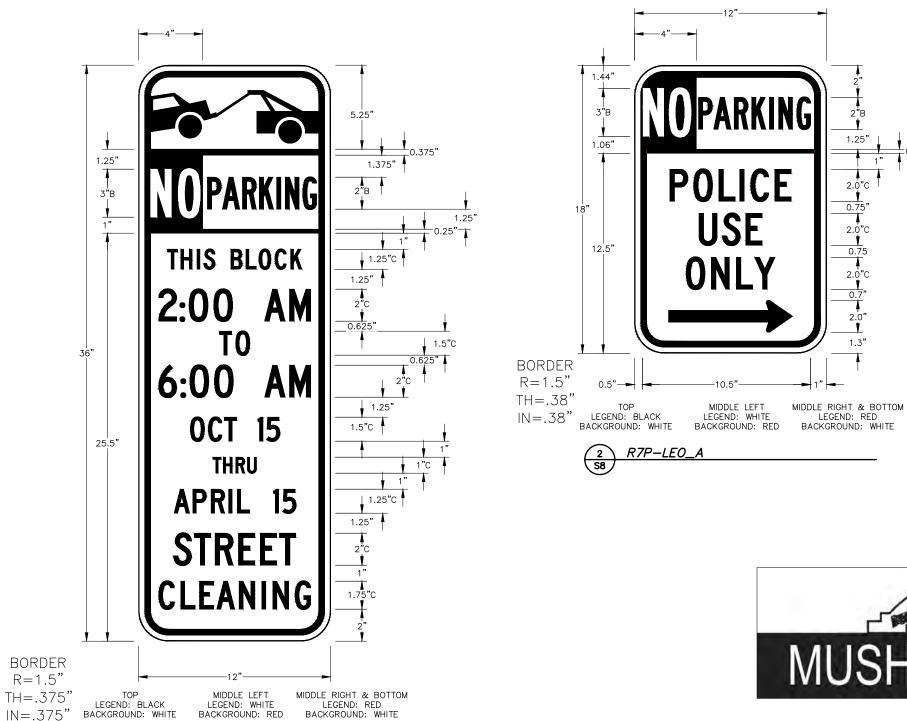
REMARKS

SALVAGE SIGN SUMMARY

SCALE VER.

| N/A | GRID 1230 | DATE JAN | 2023 | | S7 | _ |
|-----|------------------|----------|------|-------|----|---|
| N/A | STATUS: PRELIMIN | NARY | | SHEET | | S |

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







1.3"

MUSHING DISTRCIT SIGN TOPPER (MD TOPPER)

MOUNT ABOVE D3-101 SIGNS AT THE LOCATIONS SHOWN IN THE PLANS FINAL DESIGN TO BE PROVIDED BY OTHERS. PROVIDE 7 ADDITIONAL TOPPERS TO BE DELIVERED TO THE MOA PAINT AND SIGN SHOP.

| D D 3 | | | | | | | | | | | | | | |
|--|----------------------|----------------|--------------|---------------------|---------|----------------|-------|----------|-------------|----|--|--------------|--|---|
| RECORD DRAWING | DATA | DRAWN CH BY | HECKED BY | | | | | | | | | | | PROJECT MANAGEMENT AND ENGINEERING |
| 1. DATA PROVIDED BY: | BASE | KE | KE | | | | | | | | | | | DEPARTMENT |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE | KE | | | | | | | | | -1 | TTY OF A | |
| Φ | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV. | REV DATE | DESCRIPTION | BY | I WAN IZININIEW | 125 an 1 | PALITY OF ANCH | PROJECT NO. 21-22 SCHEDULE A |
| CONTRACTOR: | STORM SEWER | KE | KE | | | | | | | | KINNEY | 131/26GN | ₹°/ V \% | 4TH AVENUE SIGNALS AND LIGHTING |
| | WATER/SANITARY SEWER | KE | KE | | | | | | | | The street of street of the st | 1 17 2521 | | UPGRADE — G STREET TO E STREET |
| 2. DATA TRANSFERRED BY:TILE: | GAS | KE | KE | | | | | | | | 3909 ARCTIC BLVD, SUITE 400 | 1 19 057 100 | | |
| COMPANY:DATE: | TELEPHONE/CABLE TV | KE | KE | | | | | | | | 3909 ARCTIC BLVD, SUITE 400 ANCHORAGE, ALASKA 99503 | 65% aNN | | SIGN MOUNTING DETAILS |
| 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | ELECTRIC | KE | KE | | | | | | | | (907) 346-2373 CERT. OF AUTH. NO. | 65/0BMI | \\`\\`\\\`\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | SIGN MOONTING DETAILS |
| | DESIGN | KE | KE | | | | | | | | CERT. OF AUTH. NO. | 50' | | |
| | QUANTITIES | KE | KE | | | | | | | | AECL 1102 | _ | | |
| DATE: | PRELIMINARY/FINAL | KE | KE | | | | | | | | | | | HOR, N/A GRID 1230 DATE JAN 2023 CS |
| · | MUNI. FINAL CHECK | KE | KE | | | | | | | | | 1/31/2023 | | SCALE 30 of CO |
| | PLAN | CHECK | | CONSTRUCTION RECORD | | VERTICAL DATUM | | | REVISIONS | | CONSULTANT | SEAL | | SCALE VER. N/A STATUS: PRELIMINARY SHEET of \$9 |

R7P-134

SIDEWALK MOUNTING STUB INSTALLATION NOTES: SIDEWALK MOUNTING STUB FOR SIGN POSTS IS FOR SIGNS MOUNTED ON PEDESTRIAN LIGHT, STREET LIGHT, AND SIGNAL POLES ONLY. ALL OTHER SIGNS WITHIN THE PROJECT SHALL BE INSTALLED ON POST FOUNDATIONS. 2. DETAIL SHOWN FOR MOUNTING ON PEDESTRIAN LIGHT POLE FOUNDATIONS. MODIFY AS NEEDED FOR STREET LIGHT AND SIGNAL POLE FOUNDATIONS. 3. DRILL HOLES IN PLATE AS REQUIRED TO ALIGN WITH FOUNDATION BOLT PATTERN. POST - PERFORATED STEEL TUBE (P.S.T.) (INSTALL POST 7" INTO STUB) (SECURE POST WITH 3/8" GALVANIZED BOLT, NUT, & LOCK WASHER) TRAFFIC 3" SQUARE STRUCTURAL STEEL TUBING STUB FOR 2-1/2" POST SIGN (GALVANIZED-0.1875 WALL THICKNESS) (CENTER STUB ON STEEL PLATE) PREHEAT MAY BE NECESSARY 3/16 13/16" DRILLED HOLE (TYP) 1/2" STEEL PLATE DRILL 7/16" DRAIN HOLE (NOT SHOWN) IN CENTER OF STEEL PLATE TRAFFIC CONE TEMPORARY MOUNTING INSTALLED BEFORE STUB FOR SIGN POSTS SIGN PANEL 3/4" ANCHOR BOLTS, TYP. -ELEVATE PLATE ABOVE EXPOSED WIRES LEVELING NUT TOP OF SIDEWALK OR TOPSOIL AND SEED LIGHT OR SIGNAL POLE FOUNDATION - LIGHT OR SIGNAL POLE FOUNDATION TEMPORARY SIGN STUB FOR ELECTRICAL FOUNDATIONS S9 SCALE: NTS PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

COMPANY: __

RECORD DRAWING

1. DATA PROVIDED BY: _ THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. CONTRACTOR: ____ ___TITLE:___ __DATE:_ DATA TRANSFERRED BY:_ COMPANY: ____ TITLE: __DATE:__ 5. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR—PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. DATA TRANSFER CHECKED BY:

__DATE:_

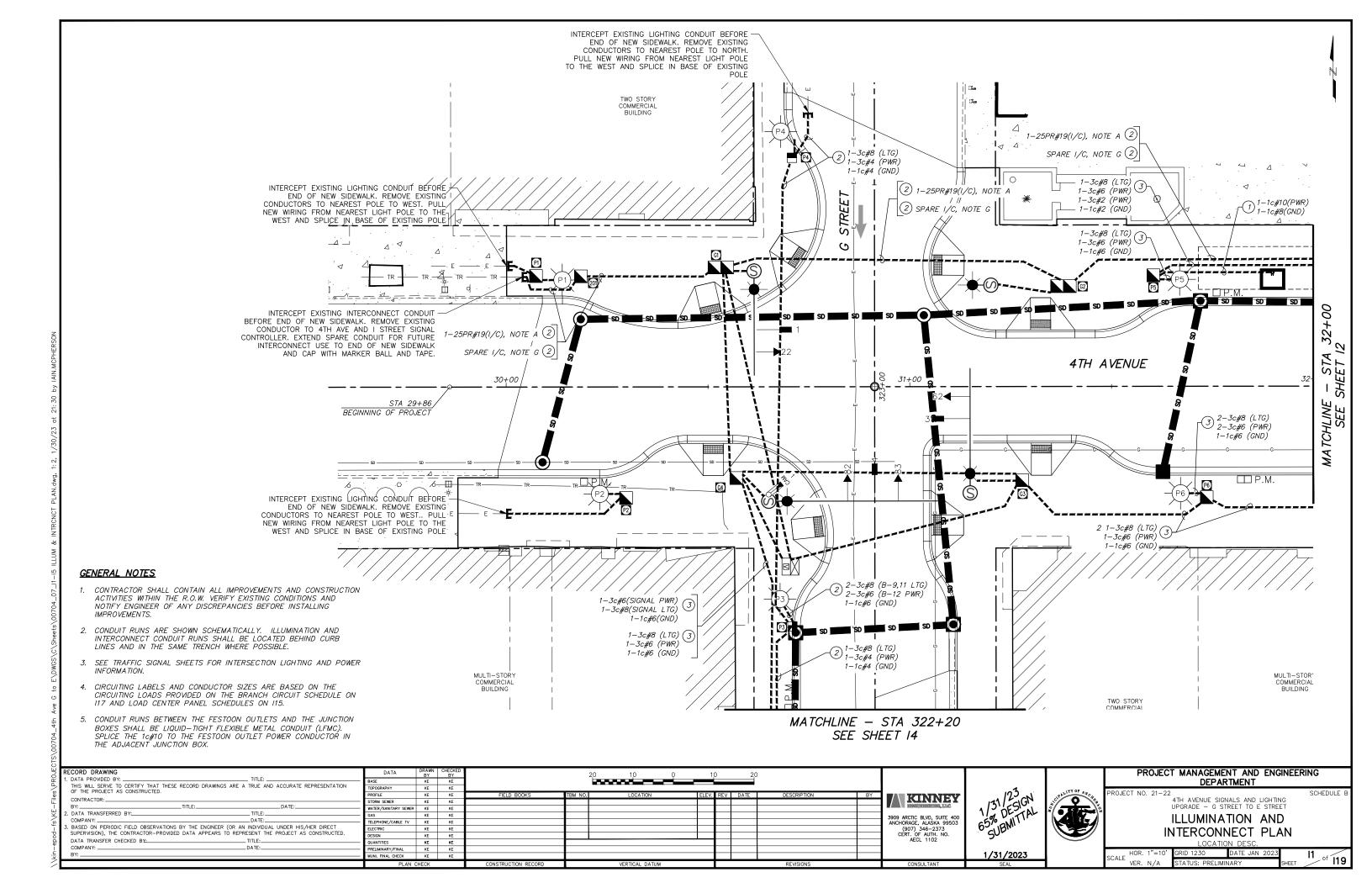
KINNEY

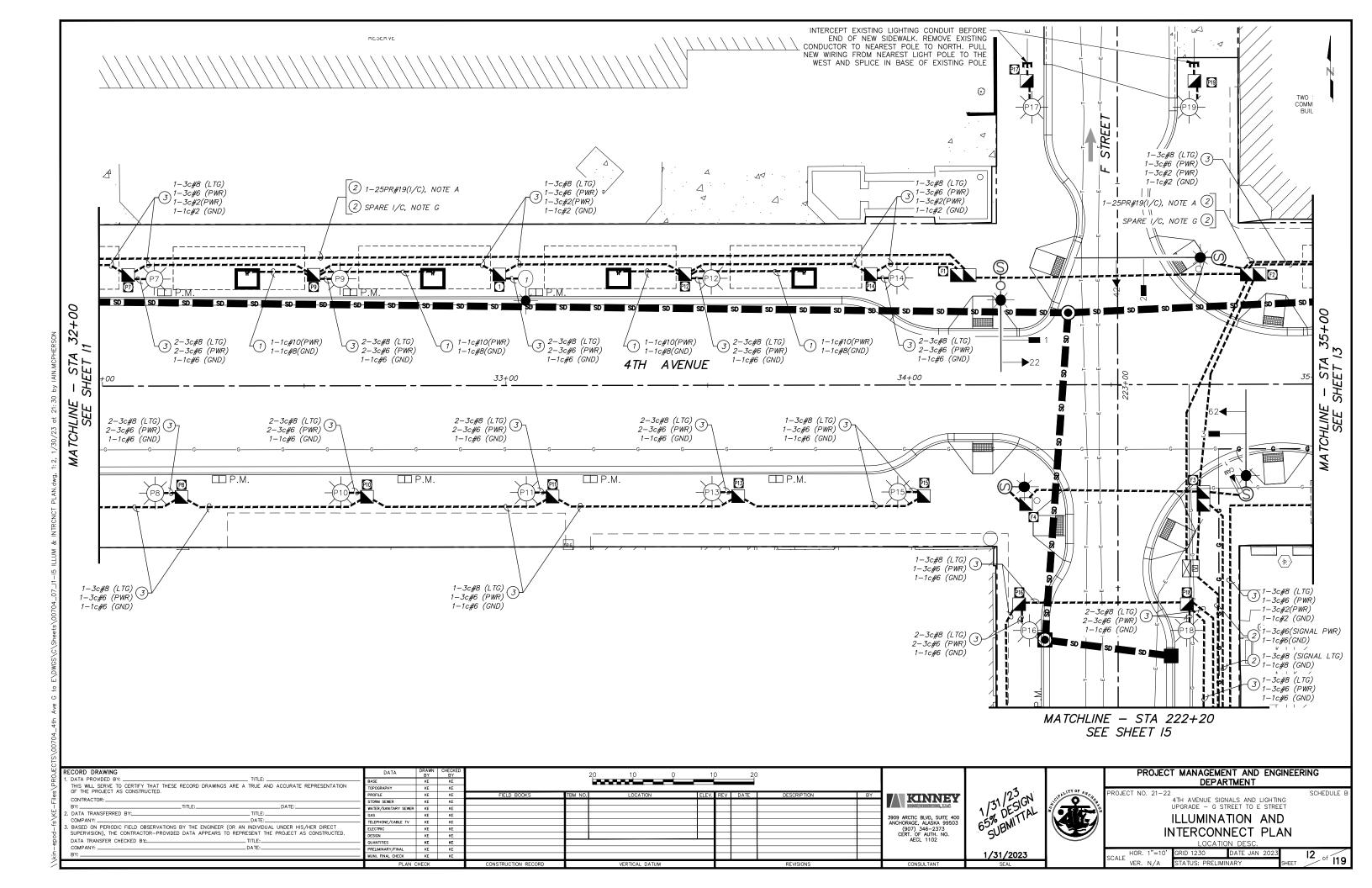
1/31/23 65%, DESIGN 1/31/2023

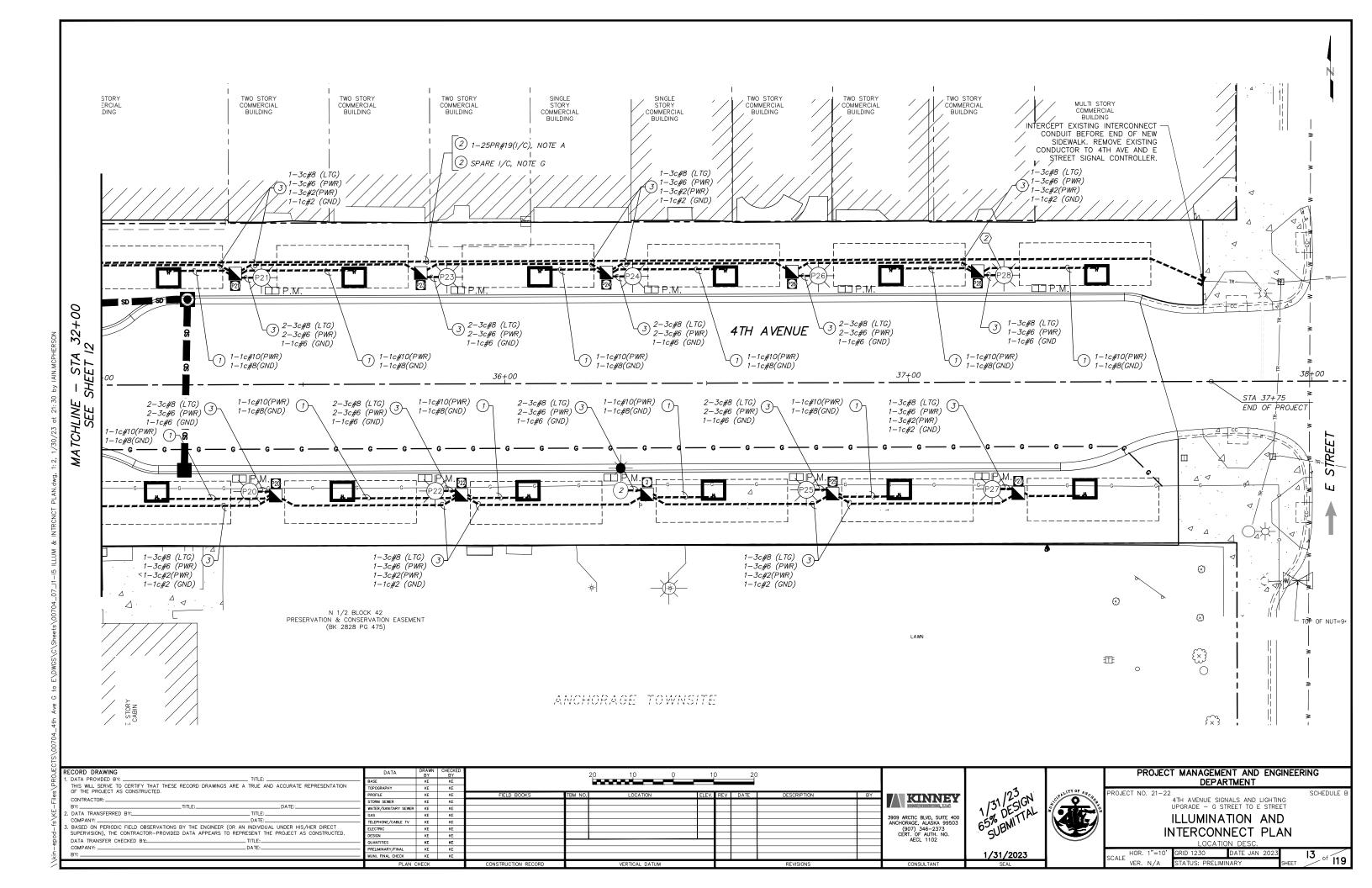
4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

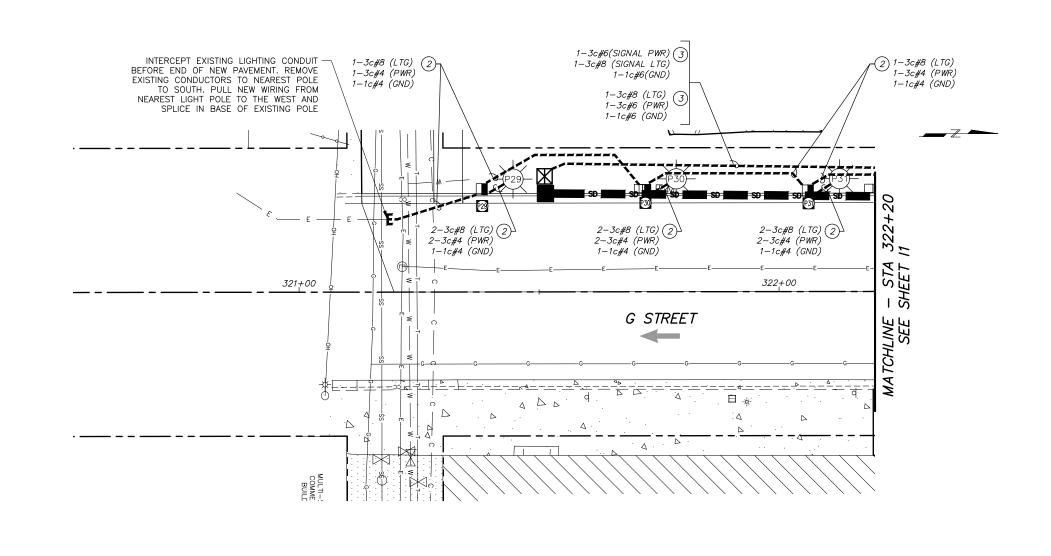
SIGN MOUNTING DETAILS

DATE JAN 2023 GRID 1230 HOR. N/A S9 SCALE of S9

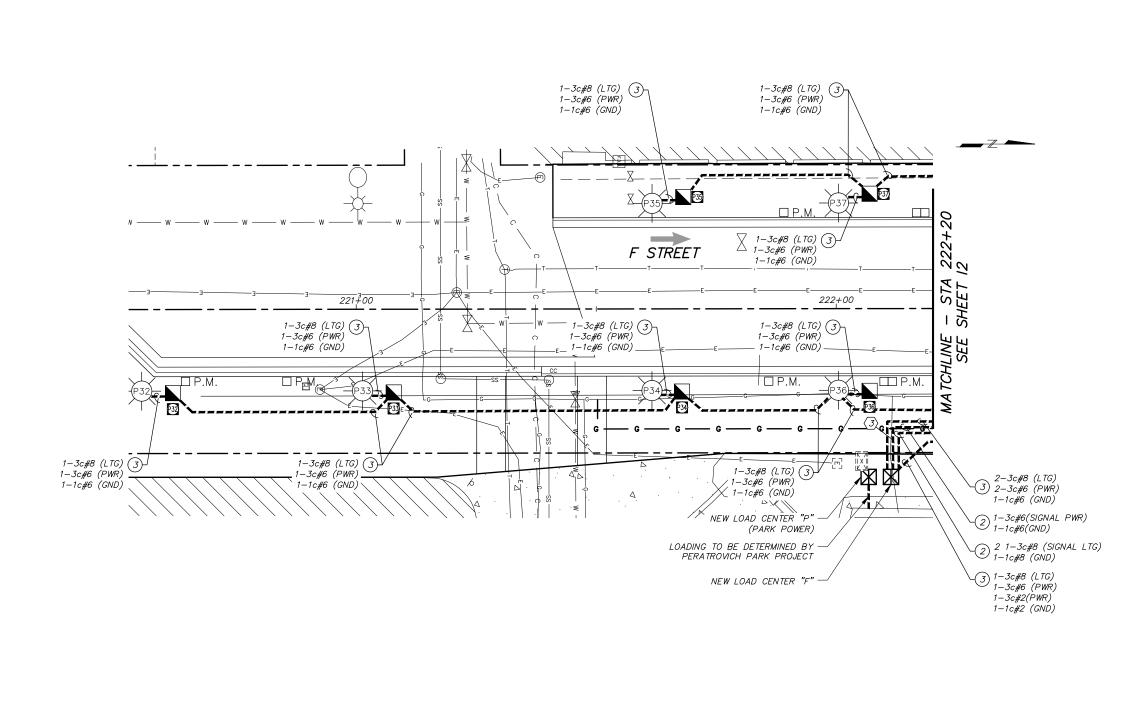


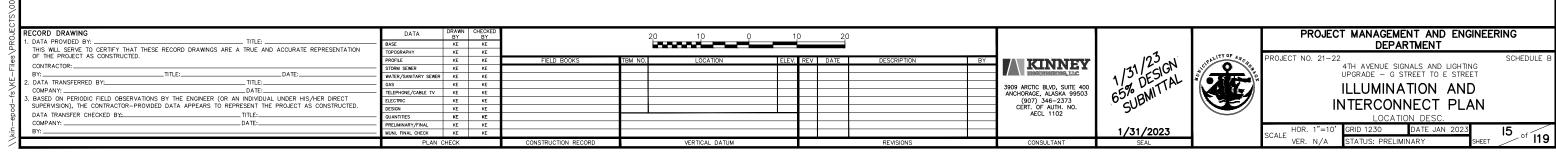






| CTS | i | | | | | | | | | | | | | |
|----------|---|--------------------------------|-------|---------|-------------------|---------|------------------|----------|-------------|----|---|--------------------|--|--|
| 빙 | RECORD DRAWING | DATA | DRAWN | CHECKED | | | 20 10 0 1 | 0 2 | <u> </u> | | | | | PROJECT MANAGEMENT AND ENGINEERING |
| ŘΙ | 1. DATA PROVIDED BY: | BASE | KE | KE | | | | | | | 1 | | | DEPARTMENT |
| 2 | THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE | KE | | | | | | | 1 | -1 | .TY OF . | |
| <u>e</u> | CONTRACTOR: | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | . LOCATION ELEV. | REV DATE | DESCRIPTION | BY | KINNEY | 12 ⁵ cN | Ne W.C. H. | PROJECT NO. 21-22 SCHEDULE X |
| Ę | 77.5 | STORM SEWER | KE | KE | | | | | | | # ENGINEERING LIC | 137/20161 | * Y | 4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET |
| ф | 2. DATA TRANSFERRED BY: TITLE: | WATER/SANITARY SEWER | R KE | KE | | _ | | | | | | 1/31/DESTAL | */ - 33 (*) | |
| Ž | COMPANY: DATE: | GAS | KE | KE | | + | | | | | 3909 ARCTIC BLVD, SUITE 400 | | | ILLUMINATION AND |
| ÷ | 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | TELEPHONE/CABLE TV ELECTRIC | KE KE | KE. | | + | | | | | ANCHORAGE, ALASKA 99503 (907) 346-2373 | יואס, יכא | \F\\\F\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | |
| ģ | SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | DESIGN | KF. | KF. | | + | | | | | CERT. OF AUTH. NO. | O CUBIN | | INTERCONNECT PLAN |
| ğ | DATA TRANSFER CHECKED BY:TITLE: | QUANTITIES | KE | KE | | _ | | | | | AECL 1102 | | | LOCATION DESC. |
| ĭ | COMPANY:DATE: | PRELIMINARY/FINAL | KE | KE | | 1 | | | | | 1 | | | |
| Ϋ́ | BY: | MUNI. FINAL CHECK | KE | KE | | | | | | | | 1/31/2023 | | HOR. 1"=10' GRID 1230 DATE JAN 2023 SCALE VER N /A STATUS PRELIMINARY |
| _ | , | DI 111 | OUEOU | | CONCEDITOR DECORD | | VEDTICAL DATUM | | DEMOISHS | | CONCULTANT | 05.11 | | VED N /A STATUS DELIMINADY SHEET / " 19 |





| | ROADWAY ELECTROLIER SUMMARY | | | | | | | | | | | |
|--------|-----------------------------|--------------|---|--------------------|-------------------|---------|--------------|---------------------|----------------------------|--------------------------------------|-------------------------|---------|
| NUMBER | STATION | OFFSET | TOP OF FOUNDATION ELEVATION (SEE NOTE 7) | MOUNTING HEIGHT | MASTARM LENGTH | WATTAGE | LAMP TYPE | IES DISTRIBUTION | INITIAL LUMEN OUTPUT | ADJUSTABLE OUTPUT (SEE NOTE 9) | CIRCUIT (SEE NOTE 4) | REMARKS |
| 1 | 33+04.9 | 26.5' L | 30.0' | 30' | 12' | 168W | LED | TYPE III | 21,351 | 80% | | |
| 2 | 36+28.6 | 26.5' R | 30.0' | 30' | 12' | 168W | LED | TYPE III | 21,351 | 90% | | |
| | 4TH AND I | F SIGNAL PO | LE 1 | 30' | 12' | 88W | LED | TYPE III | 11,552 | 100% | | |
| | 4TH AND F | SIGNAL POL | LE 2 | 30' | 12' | 88W | LED | TYPE III | 11,552 | 100% | | |
| | 4TH AND F | SIGNAL POL | LE 3 | 30' | 12' | 88W | LED | TYPE III | 11,552 | 100% | | |
| | 4TH AND F | SIGNAL POL | LE 4 | 30' | 12' | 88W | LED | TYPE III | 11,552 | 100% | | |
| | 4TH AND | G SIGNAL PO | LE 1 | 30' | 12' | 88W | LED | TYPE III | 11,552 | 100% | | |
| | 4TH AND C | S SIGNAL POL | LE 2 | 30' | 12' | 88W | LED | TYPE III | 11,552 | 100% | | |
| | 4TH AND C | SIGNAL POL | LE 3 | 30' | 12' | 88W | LED | TYPE III | 11,552 | 100% | | |
| | 4TH AND C | SIGNAL POL | LE 4 | 30' | 12' | 88W | LED | TYPE III | 11,552 | 100% | | |

ROADWAY ELECTROLIER NOTES:

- 1. ROADWAY ELECTROLIERS SHALL CONFORM TO THE DETAILS AND SPECIFICATIONS FOR THIS PROJECT.
- 2. INSTALL 1C #10 CABLE WITH GREEN INSULATION IN EACH ELECTROLIER TO BOND THE LUMINAIRE TO THE ELECTRICAL SYSTEM.
- 3. MOUNTING HEIGHT REFERS TO HEIGHT OF A LUMINAIRE ABOVE THE POINT ON THE ROADWAY DIRECTLY BENEATH IT.
- 4. FIRST CIRCUIT IS FOR LUMINAIRE, SECOND IS FOR THE FESTOON OUTLET, AND IF A THIRD CIRCUIT IS LISTED SEE THE REMARKS COLUMN FOR DESCRIPTION OF CIRCUIT. DO NOT INSTALL FESTOON OUTLETS ON SIGNAL POLES. IF SECOND CIRCUIT IS LISTED FOR SIGNAL POLE SEE REMARKS COLUMN FOR DESCRIPTION OF CIRCUIT.
- 5. CONTRACTOR SHALL VERIFY UNDERGROUND UTILITIES AND ADJUST FOUNDATION LOCATION, IF CONFLICT EXISTS.
- 6. AN ELECTROLIER CONSISTS OF A POLE, MAST ARM, AND LUMINAIRE.
- 7. TOP OF LIGHT POLE FOUNDATION SHALL BE 6" ABOVE FINISHED GRADE. SEE SHEET 120 FOR DETAIL. TOP OF SIGNAL POLE FOUNDATION SHALL BE FLUSH WITH SURROUNDING SIDEWALK 1.A.W. DETAIL ON SHEET J12.
- 8. ROADWAY LUMINAIRES USED FOR THE BASIS OF DESIGN: AMERICAN ELECTRIC LIGHTING ATB2 SERIES. SUPPLY AS SPECIFIED OR PROVIDE APPROVED EQUALS THAT SATISFY THE LIGHTING DESIGN CRITERIA AND SPECIFICATIONS.
- 9. ALL ROADWAY LUMINAIRES SHALL BE FURNISHED WITH A 0-10V DIMMING BALLAST OR FIELD ADJUSTABLE OUTPUT. UNLESS OTHERWISE NOTED OUTPUT IS 100%.
- 10. ALL ROADWAY LUMINAIRES SHALL BE FURNISHED WITH A 7-PIN PHOTOCELL RECEPTACLE WITH SHORTING CAP.

| | N FOR ROADWAY TING |
|---|-----------------------|
| LUMINAIRE CRITERIA | VALUE |
| MIN AVG LUMINANCE | 1.2 CD/M ² |
| MAX UNIFORMITY RATIO (AVG/MIN) | 3.0 |
| MAX UNIFORMITY RATIO (MAX/MIN) | 5.0 |
| MAX VEILING LUMINANCE RATIO (VMAX/MIN) | 0.3 |
| TOTAL LIGHT LOSS FACTOR (LLF) | 0.85 |

| DESIGN CRITERIA ONLY L | FOR PEDESTRIAN IGHTING | | | | |
|-----------------------------------|---------------------------|--|--|--|--|
| LUMINAIRE CRITERIA | VALUE | | | | |
| MIN AVG HORIZONTAL ILLUMINANCE | 1.0 FC | | | | |
| MIN VERTICAL ILLUMINANCE* | 0.5 FC | | | | |
| MAX UNIFORMITY RATIO (AVG/MIN) | 4.0 | | | | |
| TOTAL LIGHT LOSS FACTOR (LLF) | 0.85 | | | | |

* AT 5 FT HEIGHT ABOVE PATHWAY WITH METER DIRECTION PARALLEL TO BOTH DIRECTIONS OF TRAVEL

| DESIGN CRITERIA FOR F ST AND | | | | | | | | | |
|--------------------------------|--------|--|--|--|--|--|--|--|--|
| INTERSECTION LIGHTING | | | | | | | | | |
| LUMINAIRE CRITERIA | VALUE | | | | | | | | |
| MIN AVG ILLUMINANCE | 2.9 FC | | | | | | | | |
| MAX UNIFORMITY RATIO (AVG/MIN) | 3.0 | | | | | | | | |
| TOTAL LIGHT LOSS FACTOR (LLF) | 0.85 | | | | | | | | |

| DESIGN CRITERIA F | FOR G ST AND |
|-----------------------------------|-----------------|
| INTERSECTION | <u>LIGHTING</u> |
| LUMINAIRE CRITERIA | VALUE |
| MIN AVG ILLUMINANCE | 2.9 FC |
| MAX UNIFORMITY RATIO (AVG/MIN) | 3.0 |
| TOTAL LIGHT LOSS FACTOR (LLF) | 0.85 |

LIGHTING CRITERIA STATEMENT

SIGNED STAMP ON THIS DRAWING INDICATES THAT THE LIGHTING DESIGN FOR THIS PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE GUIDELINES SET FORTH IN CHAPTER 5 OF THE 2007 MOA DESIGN CRITERIA MANUAL AND IESNA RP-8-14.

| I I |
|--------------------------------------|
| |
| X KINNEY |
| NIMINE I |
| Mary a seventias active Tric |
| 3909 ARCTIC BLVD, SUITE 400 |
| ANCHORAGE, ALASKA 99503 |
| (907) 346-2373 CERT. OF AUTH. NO. |
| CERT, OF AUTH, NO. AECL 1102 |
| AECL 1102 |
| |
| |
| CONSULTANT |
| (90 CERT. |

1/31/23 65% DESIGN 1/31/2023

DEPARTMENT

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

ROADWAY LIGHTING SUMMARIES

PROJECT MANAGEMENT AND ENGINEERING

DATE JAN 2023 HOR. N/A

16

| | | | | PEDEST | RIAN ELECTRO | DLIER SUMMAR | ? <i>Y</i> | | |
|--------|----------|---------|---|-----------------|--|-------------------------|-----------------------------|-------------------------|---------|
| NUMBER | STATION | OFFSET | TOP OF FOUNDATION ELEVATION (SEE NOTE 5) | SHAFT LENGTH | PEDESTRIAN LUMINAIRE TYPE (SEE NOTES 6–12) | DIMMING (SEE NOTE 8) | IES DISTRIBUTION TYPE | CIRCUIT (SEE NOTE 3) | REMARKS |
| P1 | 30+13.9 | 26.5' L | 100.1' | 16' | В | | V | G | |
| P2 | 30+23.2 | 26.5' R | 100.1' | 16' | В | | V | G | |
| P3 | 322+47.4 | 23.5' L | 100.6' | 16' | А | | V | EX LC in 4/5 ALLEY | |
| P4 | 323+63.2 | 23.2' L | 100.3' | 16' | А | | V | EX LC in 4/5 ALLEY | |
| P5 | 31+66.9 | 26.5' L | 100.8' | 16' | В | | V | F | |
| P6 | 31+67.1 | 26.5' R | 101.0' | 16' | В | | V | F | |
| P7 | 32+12.9 | 26.5' L | 101.0' | 16' | В | | V | F | |
| P8 | 32+13.1 | 26.5' R | 101.1' | 16' | В | | V | F | |
| P9 | 32+58.9 | 26.5' L | 101.2' | 16' | В | | V | F | |
| P10 | 32+59.0 | 26.5' R | 101.3' | 16' | В | | V | F | |
| P11 | 33+05.0 | 26.5' R | 101.5' | 16' | В | | V | F | |
| P12 | 33+50.9 | 26.5' L | 101.6' | 16' | В | | V | F | |
| P13 | 33+51.0 | 26.5' R | 101.7' | 16' | В | | V | F | |
| P14 | 33+96.9 | 26.5' L | 101.9' | 16' | В | | V | F | |
| P15 | 33+97.1 | 26.5' R | 102.0' | 16' | В | | V | F | |
| P16 | 222+39.3 | 22.0' L | 102.0' | 16' | В | | V | F | |
| P17 | 223+69.0 | 21.2' L | 101.5' | 16' | В | | V | F | |
| P18 | 222+39.3 | 17.0' R | 102.2' | 16' | В | | V | F | |
| P19 | 223+68.9 | 17.8' R | 101.3' | 16' | В | | V | F | |
| P20 | 35+36.6 | 26.5' R | 102.0' | 16' | В | | V | F | |
| P21 | 35+39.7 | 26.5' L | 102.3' | 16' | В | | V | F | |
| P22 | 35+82.6 | 26.5' R | 102.2' | 16' | В | | V | F | |
| P23 | 35+85.7 | 26.5' L | 102.4' | 16' | В | | V | F | |
| P24 | 36+31.7 | 26.5' L | 102.6' | 16' | В | | V | F | |
| P25 | 36+74.6 | 26.5' R | 102.6' | 16' | В | | V | F | |
| P26 | 36+77.7 | 26.5' L | 102.7' | 16' | В | | V | F | |
| P27 | 37+20.6 | 26.5' R | 102.8' | 16' | В | | V | F | |
| P28 | 37+23.7 | 26.5' L | 102.8' | 16' | В | | V | F | |
| P29 | 321+44.6 | 23.5' L | 100.5' | 16' | Α | | V | EX LC in 4/5 ALLEY | |
| P30 | 321+78.6 | 23.5' L | 100.6 | 16' | А | | V | EX LC in 4/5 ALLEY | |
| P31 | 322+12.6 | 23.5' L | 100.5' | 16' | Α | | V | EX LC in 4/5 ALLEY | |
| P32 | 220+55.3 | 17.0' R | 103.2' | 16' | В | | V | F | |
| P33 | 221+01.3 | 17.0' R | 102.9' | 16' | В | | V | F | |
| P34 | 221+61.6 | 17.0' R | 0.0' | 16' | В | | V | F | |
| P35 | 221+61.7 | 22.0' L | 0.0' | 16' | В | | V | F | |
| P36 | 222+00.4 | 17.0' R | 0.0' | 16' | В | | V | F | |
| P37 | 222+00.5 | 22.0' L | 0.0' | 16' | В | | V | F | |

PEDESTRIAN ELECTROLIER NOTES:

- 1. PEDESTRIAN ELECTROLIERS SHALL CONFORM TO THE DETAILS AND SPECIFICATIONS FOR THIS PROJECT.
- 2. INSTALL 1C #10 CABLE WITH GREEN INSULATION IN EACH ELECTROLIER TO BOND THE LUMINAIRE TO THE ELECTRICAL SYSTEM.
- 3. FIRST CIRCUIT IS FOR LUMINAIRE, SECOND IS FOR THE FESTOON OUTLET WHEN APPLICABLE.
- 4. CONTRACTOR SHALL VERIFY UNDERGROUND UTILITIES AND ADJUST FOUNDATION LOCATION, IF CONFLICT EXISTS.
- 5. SEE SHEET 119R1 FOUNDATION DETAILS. TOP OF FOUNDATION SHALL BE 6" ABOVE FINISHED GRADE.
- 6. POST TOP MOUNT LUMINAIRE TO TOP OF SHAFT PER DETAILS.
- 7. SEE SHEET 118 FOR LUMINAIRE DETAILS.
- 8. ALL PEDESTRIAN LUMINAIRES SHALL BE FURNISHED WITH A 0-10V DIMMING BALLAST. UNLESS OTHERWISE NOTED OUTPUT IS 100%.
- 9. ALL PEDESTRIAN LUMINAIRES SHALL BE FURNISHED WITH A 7-PIN PHOTOCELL RECEPTACLE WITH SHORTING CAP.
- 10. PEDESTRIAN LUMINAIRE FINISH SHALL MATCH FINISH OF POLE SHAFT.
- 11. FURNISH ALL TYPE A PEDESTRIAN LUMINAIRES WITH TYPE II IES DISTRIBUTION AND FIELD INSTALLED HOUSE SIDE SHIELD AT DIRECTION OF ENGINEER. TRIM AND INSTALL HOUSE SIDE SHIELD TO PREVENT LIGHT TRESPASS INTO THE AVIATOR HOTEL GUEST ROOM WINDOWS AND MAXIMIZE SIDEWALK ILLUMINATION. FURNISH ALL UNUSED HOUSE SIDE SHIELDS TO THE ENGINEER.

| Ë. | | | | | | | | | | | | | | |
|----------|---|---------------------|-------------|---------|---------------------|---------|----------------|----------|-------------|----|--|---------------|--|---|
| | RECORD DRAWING | DATA | DRAWN BY | CHECKED | | | | | | | | | | PROJECT MANAGEMENT AND ENGINEERING |
| ĕ | 1. DATA PROVIDED BY: | BASE | KE | KE | | | | | | | l I | | | DEPARTMENT |
| 5 | THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE | KE | | | | | | | 1 | -1 | 17Y OF . | |
| <u>8</u> | CONTRACTOR | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION ELEV. | REV DATE | DESCRIPTION | BY | KINNEY | 12500 | IPALL ANCA | PROJECT NO. 21-22 SCHEDULE B |
| Œ. | | STORM SEWER | KE | KE | | | | | | | STIMINE I | 1/31/ESIGN | \$\frac{1}{2} \frac{1}{2} \frac{1}{2} | 4TH AVENUE SIGNALS AND LIGHTING |
| ш | | WATER/SANITARY SEWE | R KE | KE | | | | | | | The second second section is a second | 1/2 OF 21: N. | | UPGRADE - G STREET TO E STREET |
| \leq | 2. DATA TRANSFERRED BY:TITLE: | GAS | KE | KE | | | | | | | 3909 ARCTIC BLVD, SUITE 400 | I'm ULTTAL I | | |
| (S | | TELEPHONE/CABLE TV | KE | KE | | | | | | | ANCHORAGE, ALASKA 99503 | | | PEDESTRIAN LIGHTING SUMMARIES |
| Ï | 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | ELECTRIC | KE | KE | | | | | | | (907) 346-2373 CERT. OF AUTH. NO. | 65/0BMI, | | PEDESTRIAN LIGHTING SUMMARIES |
| 8 | SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | DESIGN | KE | KE | | | | | | | CERT. OF AUTH. NO. | 50' | | |
| e e | | QUANTITIES | KE | KE | | | | | | | AECL 1102 | - | | |
| Ţ | COMPANY:DATE: | PRELIMINARY/FINAL | KE | KE | | | | | | | | | | HOD N/A ODID 1070 DATE IAN 0007 |
| ₹ | BY: | MUNI. FINAL CHECK | KE | KE | | | | | | | | 1/31/2023 | | SCALE HOR. N/A GRID 1230 DATE JAN 2023 |
| /[| | PLAN | CHECK | | CONSTRUCTION RECORD | | VERTICAL DATUM | | REVISIONS | | CONSULTANT | SEAL | | SCALE VER. N/A STATUS: PRELIMINARY SHEET OF 119 |

| PEDE | STRIAN LI | GHTING JU | NCTION | BOX SUMMARY |
|--------|-----------|-----------|--------|-------------|
| NUMBER | STATION | OFFSET | TYPE | REMARKS |
| P25 | 36+81.1 | 27.5' R | 2 | |
| P26 | 36+71.2 | 27.5' L | 2 | |
| P27 | 37+27.1 | 27.5' R | 2 | |
| P28 | 37+17.2 | 27.5' L | 2 | |
| P29 | 321+38.1 | 21.4' L | 1A | |
| P30 | 321+72.0 | 21.2' L | 1A | |
| P31 | 322+06.0 | 21.0' L | 1A | |
| P32 | 220+61.8 | 17.4' R | 2 | |
| P33 | 221+07.8 | 17.3' R | 2 | |
| P34 | 221+67.8 | 17.2' R | 2 | |
| P35 | 221+68.2 | 23.3' L | 2 | |
| P36 | 222+06.9 | 17.1' R | 2 | |
| P37 | 222+07.0 | 23.9' L | 2 | |

| ROA | ADWAY LIG | HTING JUN | CTION E | BOX SUMMARY |
|--------|-----------|-----------|---------|-------------|
| NUMBER | STATION | OFFSET | TYPE | REMARKS |
| 1 | 32+98.4 | 27.5' L | 2 | |
| 2 | 36+35.1 | 27.5' R | 2 | |

| | LOAD CENTER FOUNDATION SUMMARY | | | | | | | | | | | | | |
|------|--------------------------------|--------|---------------|--------------|------------|--|--|--|--|--|--|--|--|--|
| NAME | STATION | OFFSET | TYPE | FG ELEVATION | REMARKS | | | | | | | | | |
| F | | | SEE SHEET 115 | ##.#' | SEE NOTE 1 | | | | | | | | | |
| G | | | SEE SHEET 115 | ##.#' | SEE NOTE 1 | | | | | | | | | |
| Р | | | SEE SHEET 15 | ##.#' | SEE NOTE 1 | | | | | | | | | |
| | | | | | | | | | | | | | | |

FOUNDATION NOTES:

1. FG ELEVATION PROVIDED IS TOP OF VAULT ACCESS. TOP OF ACCESS VAULT SHALL BE FLUSH WITH SURROUNDING SIDEWALK.

| | INTERCON | NECT JUNG | CTION B | ROX SUMMARY |
|--------|----------|-----------|---------|-------------|
| NUMBER | STATION | OFFSET | TYPE | REMARKS |
| 201 | 30+12.4 | 29.0' LT | 2 | |

JUNCTION BOX NOTES:

- 1. JUNCTION BOXES SHALL CONFORM TO THE DETAILS AND SPECIFICATIONS IN THIS PLAN SET.
- 2. UNLESS OTHERWISE NOTED, TOP OF JUNCTION BOXES SHALL BE INSTALLED FLUSH WITH TOP OF SIDEWALK.
- 3. ADD GROUND ROD TO ALL JUNCTION BOXES NOT CONNECTED TO A STRUCTURE.

| RECORD DRAWING | DATA | DRAWN BY | CHECKED | | | | | | | | | |
|---|----------------------|-------------|---------|---------------------|---------|----------------|-------|-----|--------|-------------|----|--|
| 1. DATA PROVIDED BY: | BASE | KE | KE | | | | | | | | | 1 |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE | KE | | | | | | | | | |
| | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV. | REV | / DATE | DESCRIPTION | BY | |
| CONTRACTOR: | STORM SEWER | KE | KE | | | | | | | | | |
| BY: | WATER/SANITARY SEWER | KE | KE | | | | | | | | | THE RESIDENCE OF THE PARTY OF T |
| 2. DATA TRANSFERRED BY:TITLE: | GAS | KE | KE | | | | | | | | | 3909 ARCTIC I |
| COMPANY:DATE: | TELEPHONE/CABLE TV | KE | KE | | | | | | | | | ANCHORAGE. |
| 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | ELECTRIC | KE | KE | | | | | | | | | |
| SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | DESIGN | KE | KE | | | | | | | | | (907) 3 CERT. OF |
| DATA TRANSFER CHECKED BY:TITLE:TITLE: | QUANTITIES | KE | KE | | | | • | | | | | AECL |
| COMPANY:DATE: | PRELIMINARY/FINAL | KE | KE | | | | | | | | | |
| BY: | MUNI. FINAL CHECK | KE | KE | | | | | | | | | |
| | PLAN C | CHECK | | CONSTRUCTION RECORD | | VERTICAL DATUM | | | | REVISIONS | | CONS |

1/31/23 65% DESIGN 65% DESITTAL IS KINNEY 1/31/2023

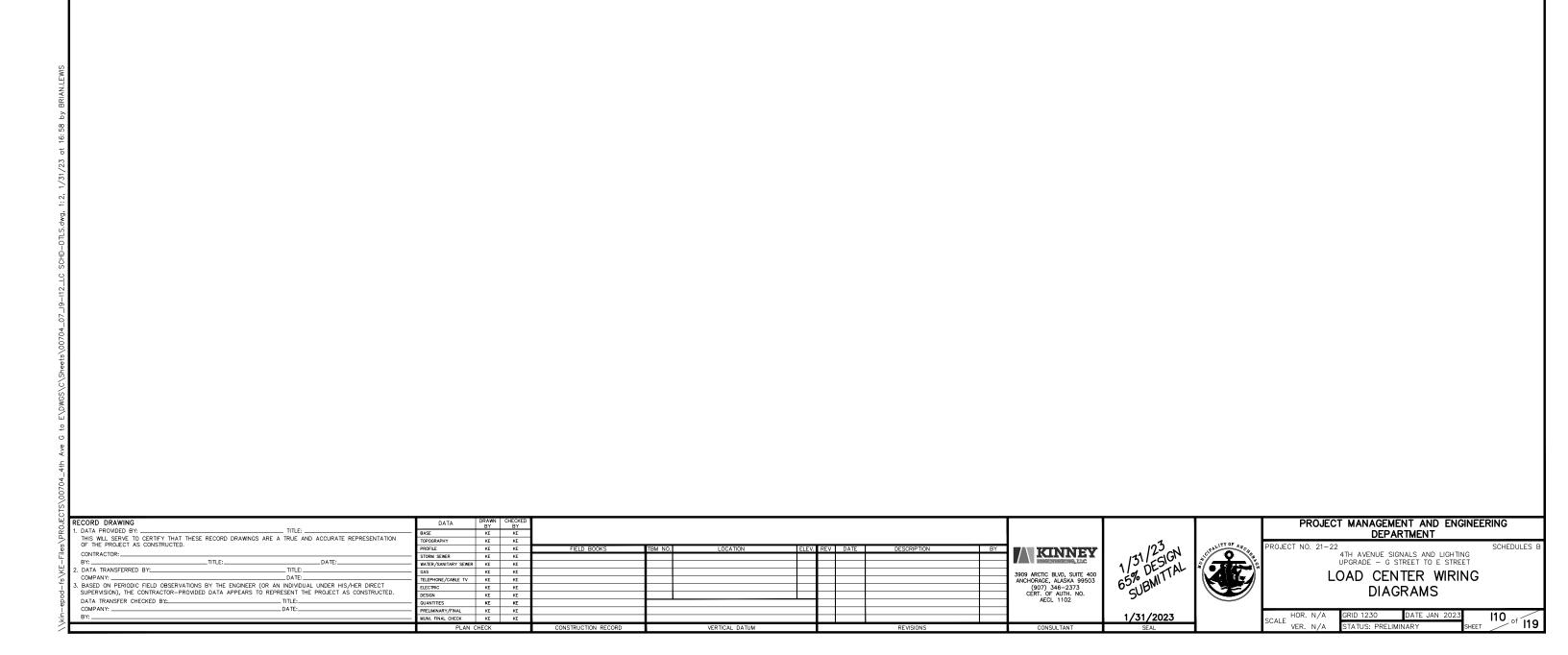
PROJECT NO. 21-22 4TH AVENUE SIGNALS AND LIGHTING UPGRADE - G STREET TO E STREET

LIGHTING JUNCTION BOX SUMMARIES

PROJECT MANAGEMENT AND ENGINEERING

DEPARTMENT

GRID 1230 DATE JAN 2023 STATUS: PRELIMINARY HOR. N/A SCALE VER. N/A 18 of 119



| LOCATIO REMARK | *** | 1A | | | SERVICE: | | 200 AMF | , 120/2 | UNT XFMR util o 240 VOLT, 1—PHASE, 3— x AMP | | LIV A | |
|-------------------|--|---------|----------|----------|----------|---------|----------|---------|---|-------|----------|-----|
| | MAIN BREAKER: | 200 AMF | , 2-P0L | E, 120/2 | 40 VOLT | | | | INTERRUPTING RATING: | | 10,000 A | MP |
| | | AUXILIA | RY EQU | IPMENT | SUMMAF | RΥ | | | | | | |
| DESCR | IPTION | VOLT | POLES | AMP | REMARKS | | | | | | | |
| SURGE | ARRESTOR | 240 | 2 | | | | | | | | | |
| | | | | | | | | | | | | |
| | OR SWITCH, AUTO-ON-OFF (2-POS) | 240 | 1 | 10 | | | | | | | | |
| LIGHTING | G CONTROL CONTACTOR | 240 | 10 | 30 | MAGNETIC | ALLY LA | TCHED TY | PE | | | | |
| | | | | | | | | | | | | |
| | PANEL 'A' SCHEDULE | | VOLT, 1 | | | | BUS, MLO | | INTERRUPTING RATING: | | 10,000 A | MP |
| CKT. | | CKT. | | KVA / | | CKT | | | | | CKT. | |
| NO. | DESCRIPTION | BKR. | KVA | Α | В | NO. | DESCRIPT | | | | BKR. | KV |
| 1 | INTERSECTION LIGHTING LTG (4 LUMS) (G-1) | 20A/2P | 0.2 | 0.3 | | 2 | LIGHTING | | | | 15A/1P | 0. |
| 3 | 4TH AND G | | 0.2 | | 0.7 | 4 | CABINET | | | | 15A/1P | 0.5 |
| 5 | 4TH LIGHTING LTG (6 LUMS) (G-2) | 20A/2P | 0.1 | 4.1 | | 6 | TRAFFIC | | | | 40A/1P | 4.0 |
| 7 | SOUTH SIDE | | 0.1 | | 1.4 | 8 | | | TACLES 4TH SOUTH SIDE | | | 1.3 |
| 8 | SPARE | 20A/1P | 0.0 | 1.5 | | 10 | SPIDER E | 30X | | (G-4) | 50A/2P | 1.5 |
| 11 | SPARE | 20A/1P | 0.0 | | 1.5 | 12 | | | | | | 1.5 |
| 13 | SPARE | 20A/1P | 0.0 | 1.5 | | 14 | SPIDER E | BOX | | (G-5) | 50A/2P | 1.5 |
| 15 | SPARE | 20A/1P | 0.0 | | 1.5 | 16 | | | | | | 1.5 |
| 17 | SPARE | 20A/2P | 0.2 | 1.7 | | 18 | SPIDER E | 30X | | (G-6) | 50A/2P | 1.5 |
| 19 | | | 0.2 | | 1.7 | 20 | | | | | | 1.5 |
| 21 | SPARE | 20A/2P | 0.0 | 0.0 | | 22 | SPARE | | | | 50A/2P | 0.0 |
| 23 | | | 0.0 | | 0.0 | 24 | | | | | | 0.0 |
| 25 | SPARE | 20A/2P | 0.0 | 0.0 | | 26 | SPARE | | | | 20A/1 | 0.0 |
| 27 | | | 0.0 | | 0.0 | 28 | SPARE | | | | 20A/1 | 0.0 |
| 29 | SPACE | | | 0.0 | | 30 | SPARE | | | | 20A/1 | 0.0 |
| | SERVICE LOAD: | | INECTED: | 9.1 | 6.8 | 15.9 | KVA | 66 | AMP | | | |
| NOTES: | LUM = LUMINAIRE | | DEMAND: | 11.37 | 8.445 | 19.8 | KVA | 83 | AMP | | | |

| NEW | | | LOAD | CEN | TER | SUMM | ARY | | | | | | | |
|----------|--------------------------------|-------|---------|----------|----------|-----------|----------|----------------------|--------|-----------|-------------------|----------|------------------|-----|
| LOAD CE | ENTER: "LC P" | /PE: | 1A | | | UTILITY S | OURCE: | 25 KVA | PAD MC | UNT XFMF | R util co | o METI | ER #x | |
| LOCATION | | | | | | SERVICE: | | 200 AMF | , 120/ | 240 VOLT, | 1-PHASE, 3-W | VIRE | | |
| REMARKS | S: | | | | | MAX. AVA | ILABLE | FAULT CUF | RRENT: | | x AMP | | | |
| | MAIN BREAKER: | | 200 AMF | , 2-P0L | E, 120/2 | 40 VOLT | | | | INTERRU | PTING RATING: | | 10,000 A | MP |
| | | | AUXILIA | RY EQU | IPMENT | SUMMAF | ₹Y | | | | | | | |
| DESCR | | | VOLT | POLES | AMP | REMARKS | | | | | | | | |
| SURGE / | ARRESTOR | | 240 | 2 | | | | | | | | | | |
| 251 5050 | AD CHITCH AUTO ON OFF (O DOC) | | 212 | | | | | | | | | | | |
| | OR SWITCH, AUTO-ON-OFF (2-POS) | | 240 | 1 | 10 | MACHETIC | | TOLIED TV | DE | | | | | |
| JGHTING | CONTROL CONTACTOR | | 240 | 6 | 30 | MAGNETIC | ALLY LA | TCHED TY | PE | | | | | |
| | PANEL 'P' SCHEDULE | | 120/240 | VOLT 1 | _DHASE | 3_WIDE | 2004 | BUS, MLO | | INITEDDI | PTING RATING: | | 10,000 A | MP |
| CKT. | FANEL F SCHEDOLE | | CKT. | VOL1, 1 | | / LEG | CKT | | | INTERNO | i ilito Italiito. | | CKT. | |
| | DESCRIPTION | | BKR. | KVA | A | В | NO. | DESCRIP ¹ | ΓΙΟΝ | | | | BKR. | KVA |
| 1 | SPARE | (x-1) | 50A/2P | 0.0 | 0.1 | _ | 2 | | | OL INSTAL | LED FOR FUTUR | E USE | 15A/1P | 0.1 |
| 3 | | , , | | 0.0 | | 0.5 | 4 | CABINET | HEATER | | | | 15A/1P | 0.5 |
| 5 | SPARE | (x-2) | 50A/2P | 0.0 | 0.0 | | 6 | SPARE | | | | (x-7) | 20A/1P | 0.0 |
| 7 | | | | 0.0 | | 0.0 | 8 | SPARE | | | | (x-8) | 20A/1P | 0.0 |
| 8 | SPARE | (x-3) | 30A/2P | 0.0 | 0.0 | | 10 | SPARE | | | | | 20A/1P | 0.0 |
| 11 | | | | 0.0 | | 0.0 | 12 | SPARE | | | | | 20A/1P | 0.0 |
| 13 | SPARE | (x-4) | 30A/2P | 0.0 | 0.0 | | 14 | SPARE | | | | | 20A/1P | 0.0 |
| 15 | | / -> | (| 0.0 | | 0.0 | 16 | SPARE | | | | | 20A/1P | 0.0 |
| 17 | SPARE | (x-5) | 20A/2P | 0.0 | 0.0 | | 18 | SPARE | | | | | 20A/1P | 0.0 |
| 19 | 00.05 | / 0\ | 004 (00 | 0.0 | | 0.0 | 20 | SPARE | | | | | 20A/1P | 0.0 |
| 21 | SPARE | (x-b) | 20A/2P | 0.0 | 0.0 | | 22 | SPARE | | | | | 20A/1P | 0.0 |
| 23 25 | SPACE | | _ | 0.0 | 0.0 | 0.0 | 24 26 | SPARE SPARE | | | | | 20A/1P 20A/1P | 0.0 |
| 27 | SPACE | | _ | 0.0 | 0.0 | 0.0 | 28 | SPARE | | | , | | 20A/1P | 0.0 |
| 29 | SPACE | | | 0.0 | 0.0 | 0.0 | 30 | SPACE | | | (- | <u> </u> | 20A) IF | 0.0 |
| 23 | SERVICE | LOAD: | CON | INECTED: | 0.1 | 0.5 | 0.6 | KVA | 3 | AMP | | | | |
| NOTES: | LUM = LUMINAIRE | | | DEMAND: | 0.125 | 0.625 | 0.8 | KVA | 3 | AMP | 1 | | | |
| * | X | | | | | | | | | | _ | | | |

| RECORD DRAWING | DATA | DRAWN | CHECKED | | | | | | | | | |
|---|----------------------|-------|---------|-------------|---------|----------|-------|-----|------|-------------|----|--------------------------------------|
| 1. DATA PROVIDED BY: TITLE: | BASE | KE | KE | | | | | | | | | |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE | KE | | | | | | | | | |
| | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV. | REV | DATE | DESCRIPTION | BY | |
| CONTRACTOR: | STORM SEWER | KE | KE | | | | | | | | | KINNEY |
| BY: | WATER/SANITARY SEWER | KE | KE | | | | | | | | | BOOKS TARGET SHEET TARGET |
| 2. DATA TRANSFERRED BY:TITLE: | GAS | KE | KE | | | | | | | | | 3909 ARCTIC BLVD, SUITE 400 |
| COMPANY:DATE: | TELEPHONE/CABLE TV | KE | KE | | | | | | | | | ANCHORAGE, ALASKA 99503 |
| 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT | ELECTRIC | KE | KE | | | | | | | | | (907) 346-2373 CERT. OF AUTH. NO. |
| SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | DESIGN | KE | KE | | | | | | | | | CÈRT. OF AUTH. NO. |
| DATA TRANSFER CHECKED BY: | QUANTITIES | KE | KE | | | | | | | | | AECL 1102 |
| COMPANY: DATE: | DDC: IMPLADY (CINIA) | VE | VE. | | | | | | | | | |

1/31/2023

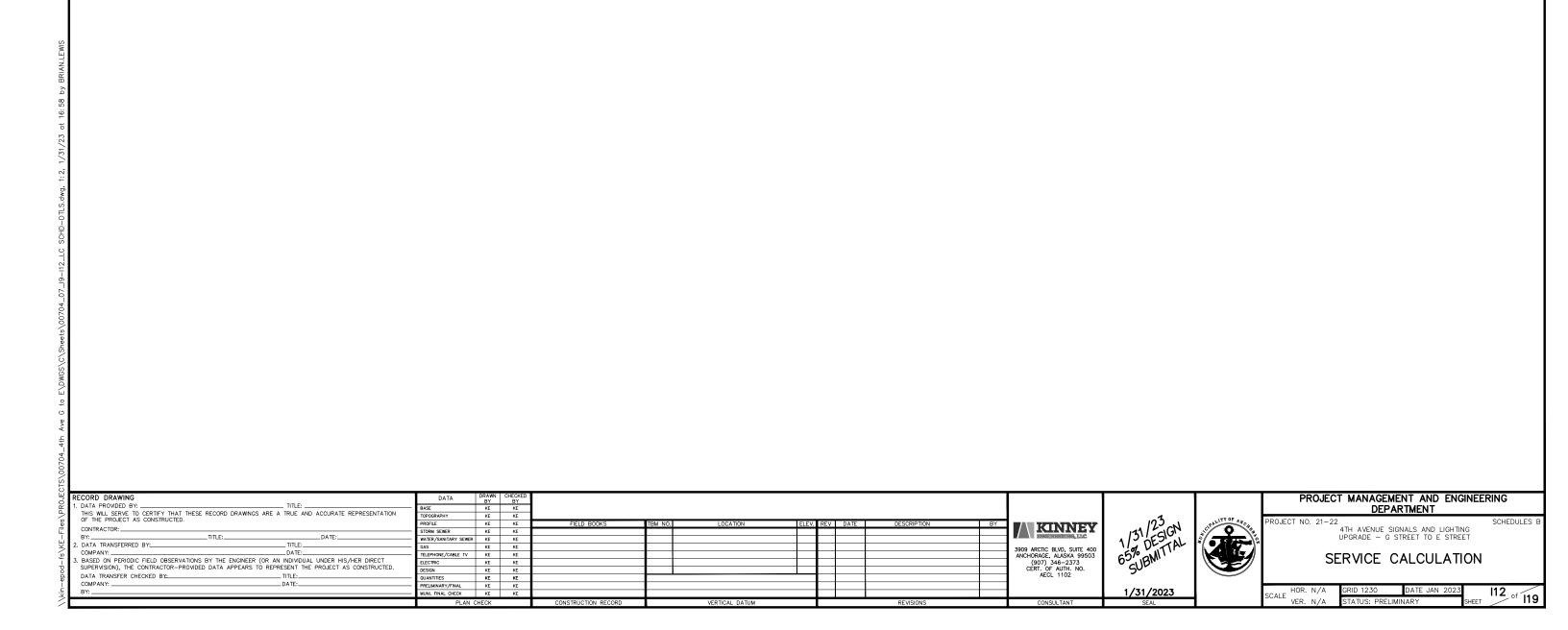


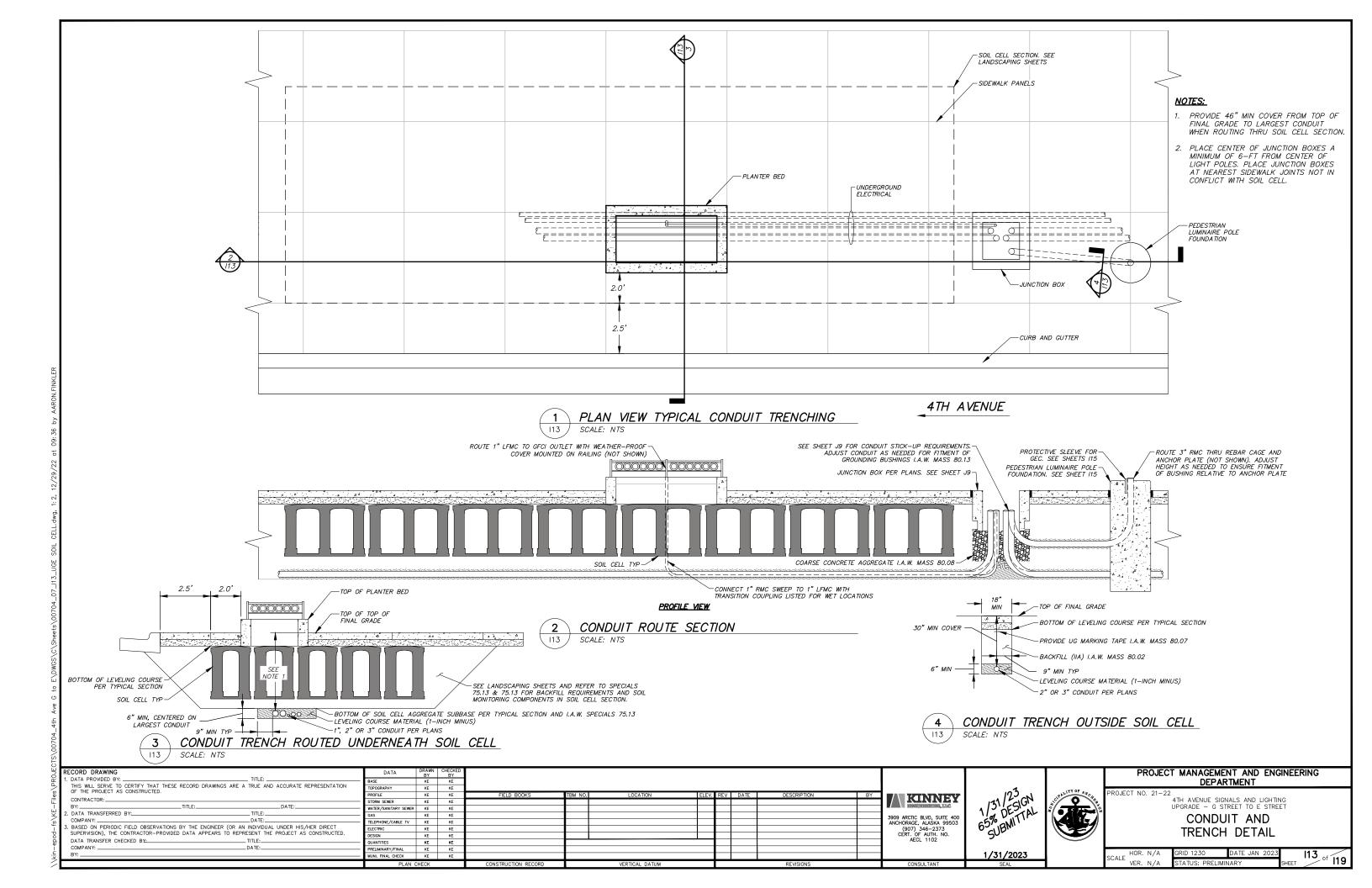
DEPARTMENT PROJECT NO. 21-22 4TH AVENUE SIGNALS AND LIGHTING UPGRADE - G STREET TO E STREET

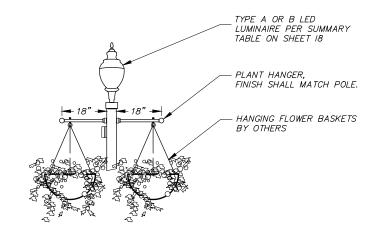
PANEL SCHEDULE

PROJECT MANAGEMENT AND ENGINEERING

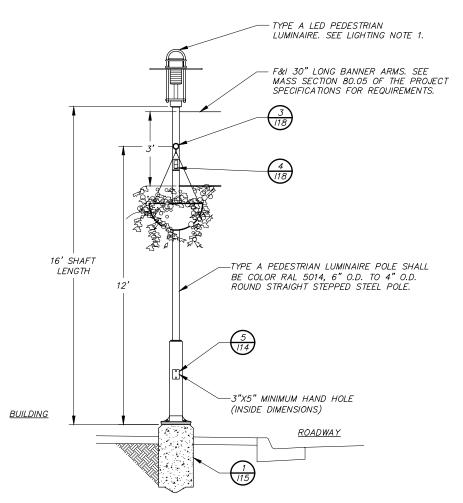
GRID 1230 DATE JAN 2023 STATUS: PRELIMINARY 111 of 119 HOR. N/A SCALE VER. N/A



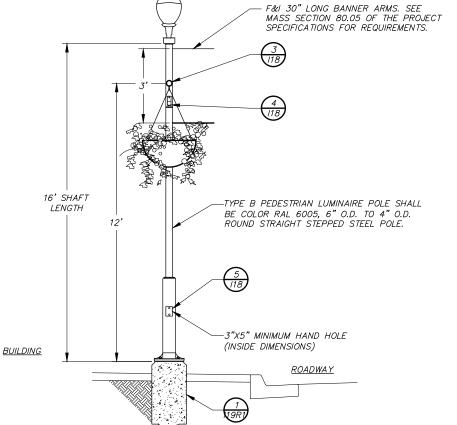




PEDESTRIAN POLE PLANTER ARM SCALE: NTS FRONT VIEW



TYPE "A" PEDESTRIAN ELECTROLIER



INSERT BOX INTO -POLE SHAFT

ISOMETRIC VIEW

TYPE B LED PEDESTRIAN LUMINAIRE. SEE LIGHTING NOTE 2.

FESTOON OUTLET DETAIL

FESTOON OUTLET BOX

120V SPECIFICATION GRADE DUPLEX

GFCI RECEPTACLE (20 AMP RATED)

HEAVY DUTY WEATHERPROOF GASKET

406.9(B)(1)

SCALE: NTS

EXTRA DUTY WEATHERPROOF COVER FOR WHILE IN USE APPLICATIONS, NEMA 3R RATED

TYPE, MEETING 2014 NEC SECTION

HISTORIC DISTRICT TYPE "B" PEDESTRIAN ELECTROLIER 2 114 SCALE: NTS ELEVATION VIEW **GROUNDING NOTES:**

- USE #6 AWG GROUND CONNECTOR TO #4 HOOP REBAR WITH IRREVERSABLE CONNECTION 12 INCHES BELOW TOP OF FOUNDATION.
- 2. PROTECT GROUND WIRE WITH 3/4 INCH PVC OR HDPE CONDUIT TO 6 INCHES BELOW TOP OF TOUNDATION FILLED WITH SILICON SEALANT. FREE GROUND CONDUCTOR ABOVE TOP OF FOUNDATION TO 2 FEET.

DESIGN NOTES:

AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND

TRAFFIC SIGNALS, 1994 EDITION.

CONSTRUCTION: MASS 2015

WIND LOAD: 100 mph w/ 1.3 GUST FACTOR

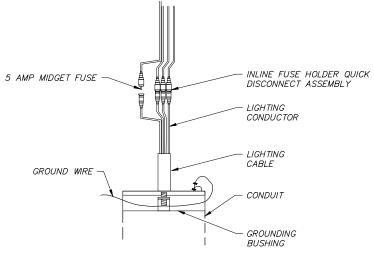
LIGHTING NOTES:

- 1. TYPE A PEDESTRIAN LUMINAIRE SHALL MEET THE FOLLOWING REQUIREMENTS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - LAMP TYPE: LED WATTAGE: 31W

 - IES DISTRIBUTION: TYPE II OR V BASIS OF DESIGN: STERNBERG VILLA 1730LED—1RND WITH CLEAR ACRYLIC EXTERIOR LENS, MEDIUM DIFFUSE INTERNAL DOME LENS.
- 2. TYPE B PEDESTRIAN LUMINAIRE SHALL MEET THE FOLLOWING REQUIREMENTS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

 • LAMP TYPE: LED

 - WATTAGE: 40W
 - IES DISTRIBUTION: TYPE V
 - BASIS OF DESIGN: STERNBERG ACORN POST TOP 1930-VCOB-4L-MDL02
 WITH TEXTURED ACRYLIC LENS.
- 3. SUPPLY FIXTURES AS SPECIFIED OR PROVIDE APPROVED EQUAL THAT SATISFIES THE LIGHTING DESIGN CRITERIA ON SHEET 18 AND SPECIFICATIONS.
- 4. LOCATE THE HANDHOLE ON THE SIDE OF THE POLE AWAY FROM ONCOMING TRAFFIC
- 5. F&I FUSED DISCONNECT LOCATED IN THE POLE BASE. THE ELECTRICAL DISCONNECT SHALL BE UL LISTED, 600 VOLT RATED, AND APPROVED FOR WET LOCATIONS.



ILLUMINATION CIRCUIT FUSE HOLDER DETAIL 5 **114** SCALE: NTS

114 SCALE: NTS DATA PROVIDED BY: THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. CONTRACTOR: __ __TITLE:__ __DATE: DATA TRANSFERRED BY:_
COMPANY: ____ _DATE:_ BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. DATA TRANSFER CHECKED BY: __DATE:

1/31/23 65% DESIGN KINNEY SÜBMITTÄL

1/31/2023

DEPARTMENT 4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

> PEDESTRIAN **ELECTROLIER DETAILS**

PROJECT MANAGEMENT AND ENGINEERING

DATE JAN 202 HOR. 1"=20

PEDESTRIAN FOUNDATION PLAN VIEW

-€ OF FOUNDATION -TERMINATE CONDUIT 4" ABOVE FOUNDATION UON BY THE POLE MANUFACTURER - 3/4" DIA. ANCHOR BOLTS (TYP), SEE NOTE 11 #6 AWG GROUND WIRE - LEVELING NUT 3/4" DIA. x 6" L PVC OR HDPE CONDUIT FOR #6 GROUND WIRE -NO GAP BETWEEN BASE PLATE COVER AND FOUNDATION #6 AWG -GROUND WIRE #4 HOOPS, 3" ON CENTER - 3/4" CHAMFER, SEE NOTE 6 AROUND ANCHOR BOLTS — SEE NOTE 9 (TYP) TOP OF SIDEWALK TYPE 1A OR II JUNCTION BOX PER DRAWINGS, SEE SUMMARIES FOR TYPE AND LOCATIONS 30" M/N. CRIMP CONNECTION OR EQUIVALENT 3" RMC UON. REFER TO ILLUMINATION DRAWINGS FOR CONDUIT SIZE AND 60" 12" NUMBER OF CONDUITS ANCHOR BOLT, 20" MIN. EMBEDMENT #4 HOOP, TYP - CONCRETE, CLASS AA-3 8 #6 REBAR, TYP .3" MIN. CLEAR, TYP

> PEDESTRIAN LUMINAIRE POLE FOUNDATION DETAIL SCALE: NTS SECTION/ELEVATION VIEW

DESIGN NOTES:

DESIGN: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 1994 EDITION.

CONSTRUCTION: MASS 2015

WIND LOAD: 100 mph w/ 1.3 GUST FACTOR

| MATERIAL PROPERTIES | | | | | | | | | |
|---------------------|------------|-----------|--|--|--|--|--|--|--|
| CONCRETE | CLASS A | F'c=4 Ksi | | | | | | | |
| REINFORCING STEEL | ASTM A615M | Fy=60 Ksi | | | | | | | |
| | | | | | | | | | |

FOUNDATION NOTES:

- PEDESTRIAN FOUNDATIONS SHALL BE USED FOR PEDESTRIAN ELECTROLIERS.
- CAST IN PLACE ALL PORTLAND CEMENT CONCRETE FOUNDATIONS IN VACTOR TRUCK EXCAVATED HOLES AT THE LOCATIONS INDICATED ON THE DRAWINGS.
- 3. COMPLETE ALL CONCRETE WORK IN CONFORMANCE WITH SECTION 30.00 OF MASS.
- 4. INSTALL 3/4" GALVANIZED STEEL ANCHOR BOLTS WITH A MINIMUM EMBEDMENT OF 24". ANCHOR BOLTS SHALL BE HOOKED OR HAVE A HEX NUT AND 5" Ø X 1/4" WASHER INSTALLED ON THE EMBEDDED END.
- TOP OF FOUNDATION SHALL BE SLIGHTLY MOUNDED TO DRAIN AWAY FROM CENTER OF FOUNDATION.
- CHAMFER TOP EDGE OF PEDESTRIAN FOUNDATION 0.75". CHAMFERS SHALL BE FORMED USING PRE-FORMED CHAMFER STRIPS. CHAMFERS CREATED USING HAND OR POWER TOOLS WILL NOT BE ALLOWED.
- 7. TERMINATE THE LIGHT POLE CONDUIT 1" ABOVE THE TOP OF FOUNDATION.
- PROVIDE TOP AND SIDES OF EXPOSED CONCRETE FOUNDATION WITH A RUBBED FINISH.
- F&I EXPANSION JOINT MATERIAL AND SEALANT AROUND JUNCTION BOXES AND POLE FOUNDATIONS WHEN INSTALLED IN CONCRETE SIDEWALK I.A.W. MASS SECTION 30.02.
- BACKFILL AND COMPACT THE TOP 4' SPACE AROUND FORMS IN 8" LIFTS WITH FLOWABLE FILL. THE ULTIMATE STRENGTH OF THE FLOWABLE FILL BACKFILL MATERIAL SHALL BE LESS THAN 200 PSI AND COMPRESSIVE STRENGTH SHALL BE BETWEEN
- 11. ANCHOR BOLT THREAD LENGTH ABOVE FOUNDATION WILL BE AS RECOMMENDED BY THE POLE MANUFACTURER AND NOT INTERFERE WITH BASE PLATE COVER INSTALLATION.
- 12. CONCRETE FINISH: SMOOTH FORMED RUBBED FINISH.

GROUNDING NOTES:

- USE #6 AWG GROUND CONNECTOR TO #4 HOOP REBAR WITH IRREVERSABLE CONNECTION 12 INCHES BELOW TOP OF FOUNDATION.
- 2. PROTECT GROUND WIRE WITH 3/4 INCH PVC OR HDPE CONDUIT TO 6 INCHES BELOW TOP OF FOUNDATION FILLED WITH SILICON SEALANT. FREE GROUND CONDUCTOR ABOVE TOP OF FOUNDATION TO 2 FEET.

| 2 | | | | | | | | | | | | |
|----|--|----------------------|-------|---------|---------------------|---------|----------------|--------|------|-------------|--------------|--------------------------------------|
| | RECORD DRAWING | DATA | DRAWN | CHECKED | | | | | | | | |
| ≦ | 1. DATA PROVIDED BY: TITLE: | BASE | KE | KE | | | | | | | , | |
| > | THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE | KE | | | | | | | | |
| 3 | | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION ELE | V. REV | DATE | DESCRIPTION | BY | KINNEY |
| | CONTRACTOR: | STORM SEWER | KE | KE | | | | Т. | | | | WITH THE X |
| | 511 | WATER/SANITARY SEWER | KE | KE | | | | | | | ' | BOOKEN SERVICE LINE |
| S | 2. Dilly living Chico di | GAS | KE | KE | | | 1 | | | | L' | 3909 ARCTIC BLVD, SUITE 400 |
| 2 | COMPANY:DATE: | TELEPHONE/CABLE TV | KE | KE | | | 1 | | | | <u> </u> | ANCHORAGE, ALASKA 99503 |
| | 3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. | ELECTRIC | KE | KE | | | | | | | <u> </u> | (907) 346-2373 CERT. OF AUTH. NO. |
| 3 | | DESIGN | KE | KE | | | | | | | <u> </u> | CERT, OF AUTH, NO. AECL 1102 |
| Ď. | DATA TRANSFER CHECKED BY: | QUANTITIES | KE | KE | | | | | | | └ ──' | ALGE 1102 |
| _ | COMPANT:DATE: | PRELIMINARY/FINAL | KE | KE | | | | | | | └ ──' | |
| ۷. | 81: | MUNI. FINAL CHECK | KE | KE | | | | | | | | |
| -[| | PLAN (| CHECK | | CONSTRUCTION RECORD | | VERTICAL DATUM | | | REVISIONS | | CONSULTANT |
| | _ | | | | | | • | | | • | | |

1/31/23 65% DESIGN

1/31/2023

CALE

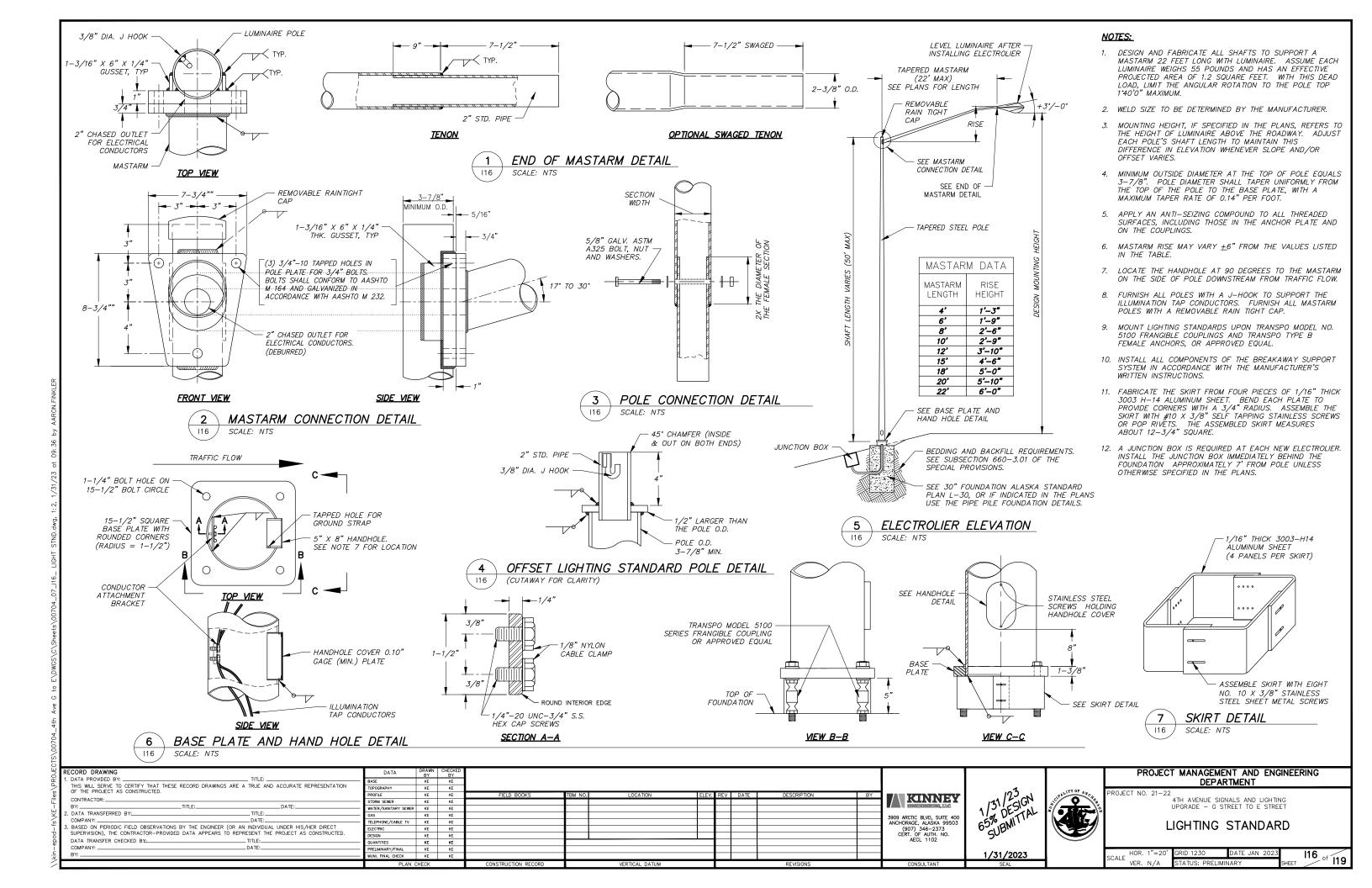
4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

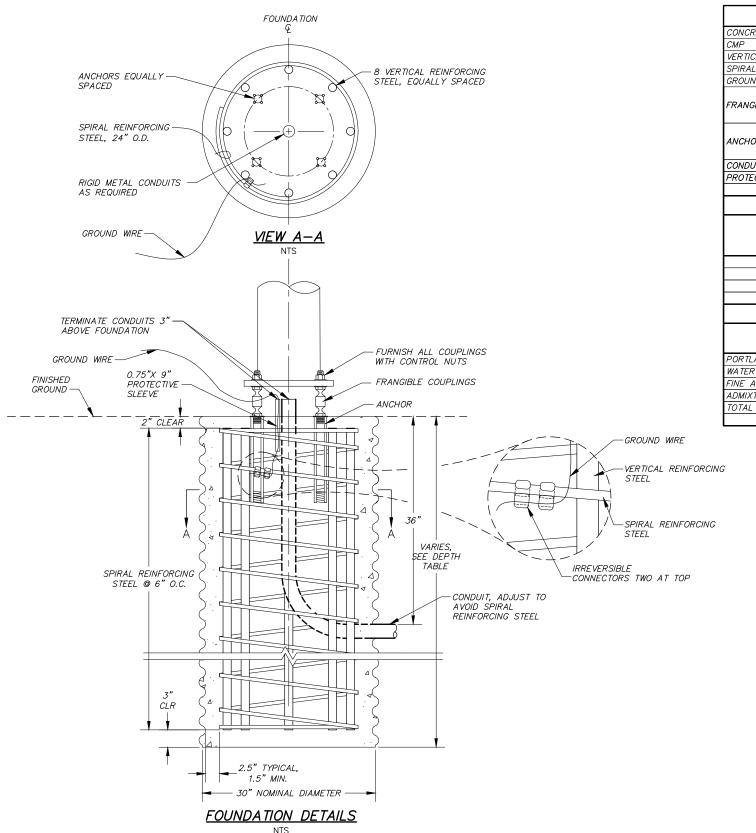
PEDESTRIAN LUMINAIRE POLE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

FOUNDATION DETAILS

GRID 1230 DATE JAN 2023





| MATERIAL REQUIREMENTS | | | | | | | | | |
|----------------------------|---|---------------------------------|--|--|--|--|--|--|--|
| CONCRETE | CLASS A | F'C = 4000 PSI | | | | | | | |
| CMP | AASHTO M218 | 14 GA. | | | | | | | |
| VERTICAL REINFORCING STEEL | AASHTO M31 #11 | GR 60 | | | | | | | |
| SPIRAL REINFORCING STEEL | AASHTO M31 #5 | GR 60 | | | | | | | |
| GROUND WIRE | | #4 awg | | | | | | | |
| FRANGIBLE COUPLING | NCHRP 350 TL3 FRANGIBLE COUPLING | VU = 5.5 KIPS TU = 43.2 KIPS | | | | | | | |
| ANCHOR | NCHRP 350 TL3 FRANGIBLE COUPLING ANCHOR | | | | | | | | |
| CONDUIT | SCH 40 | RMC | | | | | | | |
| PROTECTIVE SLEEVE | SCH 40 | PVC | | | | | | | |

| | DEPTH TABLE | | | | | | | | | | |
|----------------|---------------------|-------------------|--|--|--|--|--|--|--|--|--|
| 00.05 | FOUNDATION DEPTH BY | APPLICATION (ft.) | | | | | | | | | |
| GRADE | ELECTROLIER | BREAKAWAY | | | | | | | | | |
| | * SEE NOTE 9 | TRAFFIC SIGNAL | | | | | | | | | |
| FLAT TO 6:1 | 8 | 6 | | | | | | | | | |
| >=6:1 TO 3:1 | 9 | 7 | | | | | | | | | |
| >=3:1 TO 1.5:1 | 10 | 8 | | | | | | | | | |

| SAND SL | URRY MIX DES | IGN |
|--------------------------|--|----------------------|
| ITEM | BATCHING QUANTITIES PER CYD BATCH (lbs.) | APPLICABLE SPECS. |
| PORTLAND CEMENT CONCRETE | 188 | 701-2.01 |
| WATER (52.1 GAL.) | 435 | 712-2.01 |
| FINE AGGREGATE SSD | 3041 | 703-2.01 |
| ADMIXTURE: MICROAIR | 2.0 OZ. | 711-2.02 |
| TOTAL | 3664 | |

| BOLT CIRC | LE |
|--------------------------|-------|
| NORTHERN REGION PROJECTS | 14.5" |

DESIGN NOTES:

DESIGN STANDARD:

SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, LFRD 1ST EDITION, AASHTO, 2015, WITH 2017 AND

1,000 LBS AXIAL, 2,000 LBS SHEAR, 50,000 FT-LBS DESIGN LOAD:

CONSTRUCTION STANDARD:

LATEST EDITION OF THE STATE OF ALASKA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION WITH

SPECIAL PROVISIONS.

NOTES:

- 1. THIS FOUNDATION IS APPROVED FOR ELECTROLIER AND BREAKAWAY TRAFFIC SIGNAL APPLICATIONS IN COHESIONLESS SOILS WITH AN N1-60 VALUE OF 10 OR GREATER PER AASHTO T-206, "STANDARD PENETRATION TEST" (SPT). THIS FOUNDATION SHALL NOT BE USED IF ANY OF THE FOLLOWING ARE ENCOUNTERED; WATER TABLE ABOVE THE BOTTOM OF FOUNDATION, VERY LOOSE SOILS, ORGANIC SOILS, COHESIVE SOILS (CLAY), OR SOILS SUSCEPTIBLE TO FROST JACKING. IF ANY OF THESE CONDITIONS ARE ENCOUNTERED, STOP FOUNDATION WORK AND CONTACT
- 2. PLACE FOUNDATION IN DRILLED OR EXCAVATED HOLE WITH CENTERLINE OF FOUNDATION LOCATED AT THE STATION, OFFSET, AND ELEVATION SPECIFIED IN PLANS. SET FOUNDATION TO SATISFY THE CONDITIONS DEPICTED IN CLEARANCE
- 3. FORM THE FOUNDATION IN CORRUGATED METAL PIPE CONFORMING TO SUBSECTION 707-2.01 OF THE SPECIFICATIONS.
- 4. PROVIDE 1.5 EXTRA TURNS AT EACH END OF THE SPIRAL REINFORCING STEEL. REINFORCING STEEL SHALL NOT BE SPLICED. TIE VERTICAL REINFORCING STEEL TO EACH INTERSECTION OF THE SPIRAL REINFORCING STEEL.
- 5. CONNECT GROUND WIRE NEAR THE TOP OF SPIRAL REINFORCING STEEL WITH TWO IRREVERSIBLE CONNECTORS AS SHOWN. FASTEN CONNECTORS ACCORDING TO THE MANUFACTURERS' RECOMMENDATIONS INCLUDING THE USE OF MANUFACTURER SPECIFIED TOOLS. THE GROUND WIRE MAY BE BARE SOLID, STRANDED, OR BRAIDED COPPER. PROTECT GROUND WIRE WITH PROTECTIVE SLEEVE AS SHOWN AND FILL
- COMPLETE ALL CONCRETE WORK IN CONFORMANCE WITH SECTIONS 501, 503, AND 660 OF THE SPECIFICATIONS. USE A TUBE WITH A HOPPER HEAD OR OTHER APPROVED DEVICE WHEN DROPPING CONCRETE MORE THAN 5 FEET PER SUBSECTION 501-3.08. VIBRATE CONCRETE DURING PLACEMENT BY MECHANICAL VIBRATION PER SUBSECTION 501-3.08. ENSURE ANCHOR THREADS ARE PROTECTED FROM CONTACT WITH CONCRETE DURING POUR.
- 7. BACKFILL AND COMPACT ACCORDING TO SECTION 205, AND SUBSECTIONS 203-3.04 AND 660-3.01 OF THE SPECIFICATIONS. USE SELECT MATERIAL, TYPE A OR SAND SLURRY AS BACKFILL MATERIAL. ENSURE AREA BELOW FOUNDATION MEETS COMPACTION REQUIREMENTS AND IS FREE OF LOOSE MATERIAL AND DEBRIS PRIOR TO CONCRETE WORK.
- 8. INSTALL ALL ANCHORS ACCORDING TO THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PLUMB. ANCHORS GREATER THAN 1:40 OUT-OF-PLUMB WILL RESULT IN FOUNDATION REJECTION.
- 9. WHEN USED FOR ELECTROLIER REDUCE THE FOUNDATION DEPTH 1 FOOT WHEN THERE IS NO LUMINAIRE ARM OR THE LUMINAIRE ARM IS LESS THAN OR EQUAL TO
- 10. GRADE IN DEPTH TABLE REFERS TO FILL SLOPES. IF FOUNDATION IS IN A CUT SLOPE ASSUME FLAT GRADE IN TABLE. TO DETERMINE GRADE IN FILL SLOPES, USE THE MOST SEVERE GRADE FOUND WITHIN AN 8 FOOT RADIUS OF THE CENTER OF THE FOUNDATION. SLOPES STEEPER THAN 1.5:1 REQUIRE ENGINEERED DEPTH

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

ROADWAY LUMINAIRE POLE FOUNDATION DETAIL

DATE JAN 2023 CALE

CAST-IN-PLACE ROADWAY LUMINAIRE POLE FOUNDATION DETAIL SCALE: NTS DATA PROVIDED BY: THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.

CONTRACTOR: ____

COMPANY: _

DATA TRANSFERRED BY:

DATA TRANSFER CHECKED BY:

__TITLE:__

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.

__DATE:

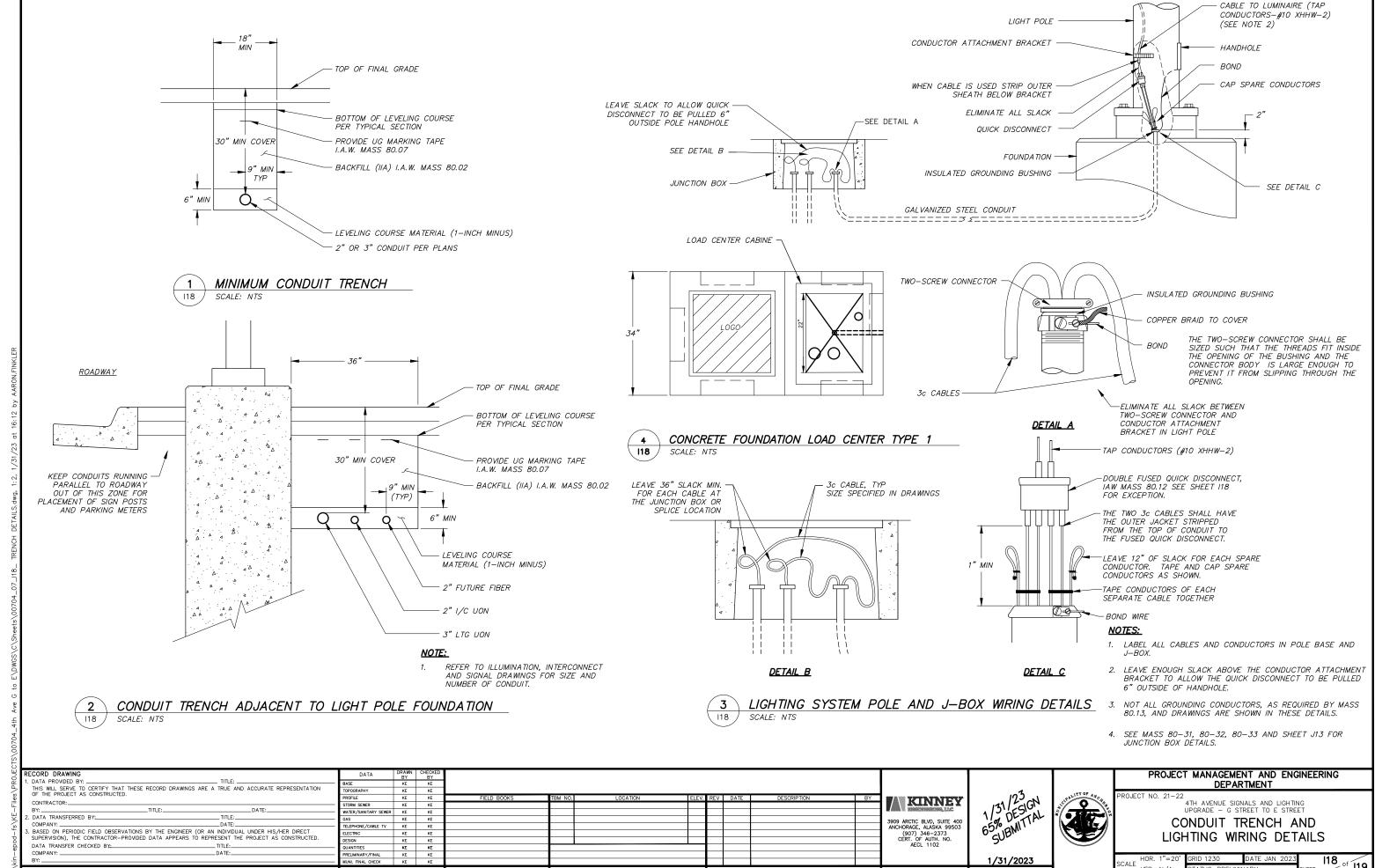
DATE:

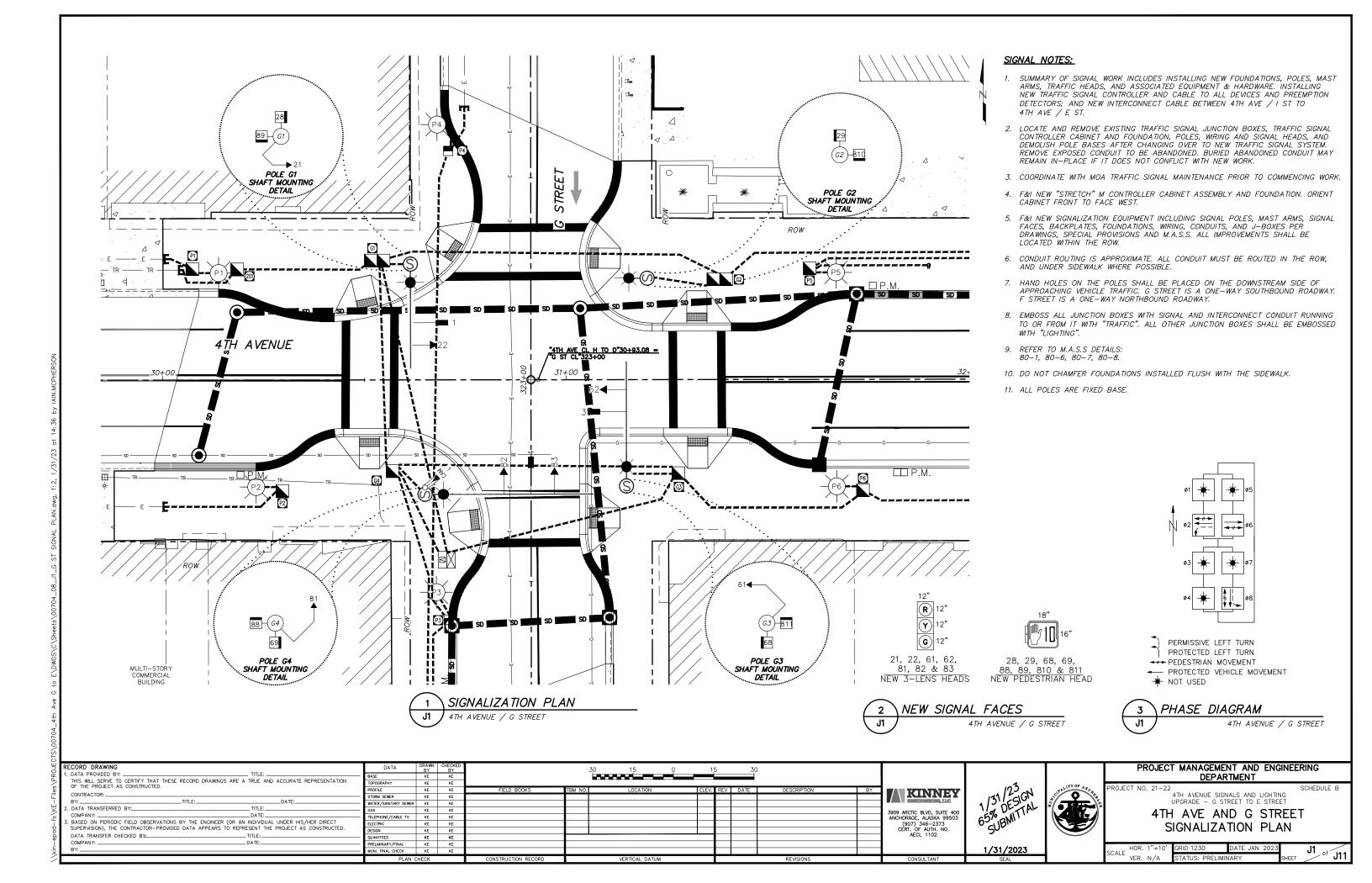
__DATE:

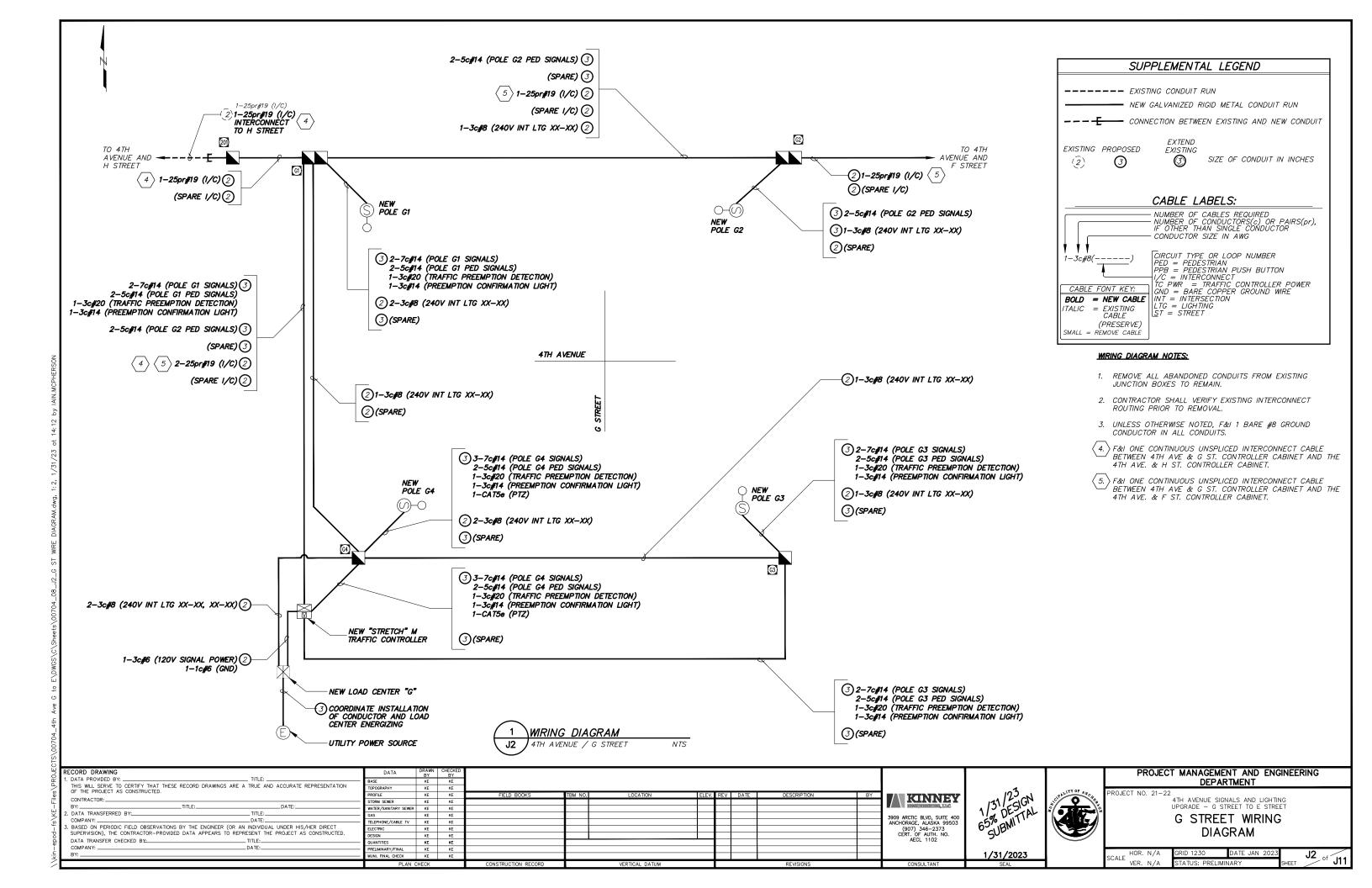
1/31/23 65% DESIGN KINNEY

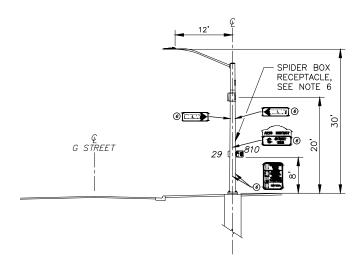
SUBMITTAL

1/31/2023



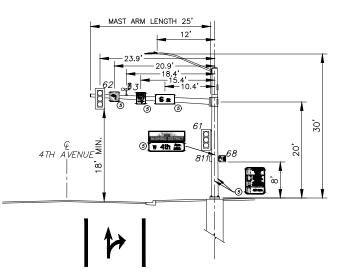


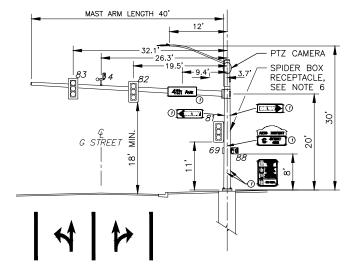




SIGNAL POLE G1 J3 LOOKING WEST PROPOSED POLE

SIGNAL POLE G2 J3 LOOKING NORTH PROPOSED POLE





SIGNAL POLE G3 LOOKING EAST PROPOSED POLE J3

SIGNAL POLE G4 J3 LOOKING SOUTH PROPOSED POLE

NOTES:

- 1. FOR LUMINAIRE AND LAMP SCHEDULES SEE ILLUMINATION SHEETS.
- 2. SIGNAL POLES SHALL BE FABRICATED IN ACCORDANCE WITH M.A.S.S. STANDARD DETAILS. SEE SHEET J8 FOR SIGNAL POLE
- 3. XX = SIGN POST NUMBER, REFER TO SIGN SUMMARY SHEETS FOR MORE INFORMATION.
- 4. ALIGN LUMINAIRE MAST ARMS WITH SIGNAL MAST ARMS.
- 5. POLE G2 IS A TRAFFIS SIGNAL POLE WITH 35' MAST ARM POLE DESIGN FROM MASS DETAIL 80-26A. F&I A COVER PLATE AND BQLTS TO COVER THE EXPOSED MAST ARM MOUNTING PLATE AND
- 6. F&I SPIDER BOX RECEPTACLE PER DETAIL ON SHEET ____. SEE SHEET J2 FOR CIRCUIT INFORMATION.

| | 4TH AVE AND G ST TRAFFIC SIGNAL FOUNDATION AND JUNCTION BOX SCHEDULE | | | | | | | | | | |
|------|--|------|------|---------|---------------|-------------------------|---|--|--|--|--|
| | NUMBER | | | | | | 25,410,40 | | | | |
| POLE | J.B. | L.C. | CONT | STATION | OFFSET | FOUNDATION ELEVATION | REMARKS | | | | |
| G1 | | | | 30+61.4 | 28.7' LT | 100.2' | NEW POLE AND FOUNDATION. SEE NOTE 2 BELOW | | | | |
| G2 | | | | 31+20.1 | 25.1' LT | 100.4' | NEW POLE AND FOUNDATION. SEE NOTE 2 BELOW | | | | |
| G3 | | | | 31+14.9 | 26.3' RT | 100.2' | NEW POLE AND FOUNDATION. SEE NOTE 2 BELOW | | | | |
| G4 | | | | 30+65.0 | 28.4' RT | 100.2' | NEW POLE AND FOUNDATION. SEE NOTE 2 BELOW | | | | |
| | G1 | | | 30+61.4 | 28.7' LT | N/A | NEW TYPE 3 J-BOX | | | | |
| | G2 | | | 31+38.1 | 24.9' LT | N/A | NEW TYPE 3 J-BOX | | | | |
| | G3 | | | 31+27.8 | 23.2' RT | N/A | NEW TYPE 2 J-BOX | | | | |
| | G4 | | | 30+57.0 | 22.6' RT | N/A | NEW TYPE 2 J-BOX | | | | |
| | | X | | SEE SH | EET 14 FOR LO | OCATION | | | | | |
| | | | X | 30+70.4 | 44.6' RT | 100.1 | SEE NOTE 1 BELOW | | | | |

FOUNDATION NOTES:

- 1. F&I NEW "STRETCH" M CONTROLLER FOUNDATION. ELEVATION IS TO TOP OF VAULT, INSTALL ADJACENT SIDEWALK FLUSH
- 2. SEE SHEET J8 FOR SIGNAL POLE FOUNDATION DETAIL. TOP OF SIGNAL FOUNDATION SHALL BE FLUSH WITH SURROUNDING

| TRAFFIC PREEMPTION SCHEDULE | | | | | | | | | | |
|-----------------------------|--------------|---------------|----------------------------|-----------|-----|--|--|--|--|--|
| LOCATION | DETECTOR NO. | PHASE CALL | PREEMPTION PRIORITY (2) | MODEL NO. | | | | | | |
| POLE G1 | 1 | 2 | Ε | Α | 711 | | | | | |
| POLE G3 | G3 3 6 | | W | В | 711 | | | | | |
| POLE G4 | 4 | 8 | N | С | 721 | | | | | |

| RECORD DRAWING | DATA | DRAWN BY | CHECKED | | | | | | | | | | f I |
|---|---------------------|-------------|---------|-------------|---------|----------|-----------|------|-------------|----|------------------------|--------------------|-------------|
| 1. DATA PROVIDED BY: TITLE: | BASE | KE | KE | | | | | | | | | 1 ' | 1 1 |
| THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. | TOPOGRAPHY | KE | KE | | | | | | | | | 1 -1 ' | LITY OF ALL |
| CONTRACTOR: | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV. REV | DATE | DESCRIPTION | BY | KINNEY | 12 ⁵ cN | PRO PRO |
| CONTRACTOR: | STORM SEWER | KE | KE | | | | | | | | / / ESTIMATE T | 131/50161 | S V V |
| BY: | WATER/SANITARY SEWE | R KE | KE | | | | | | | | HONOR MERCHANICAL LAND | 1 4/2/262/21 | \$ 6 45 \ |

DATA TRANSFERRED BY:_ COMPANY: ____ _DATE:_ 5. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. DATA TRANSFER CHECKED BY: COMPANY: _ __DATE:_

65% DESTAL 1/31/2023



SCALE

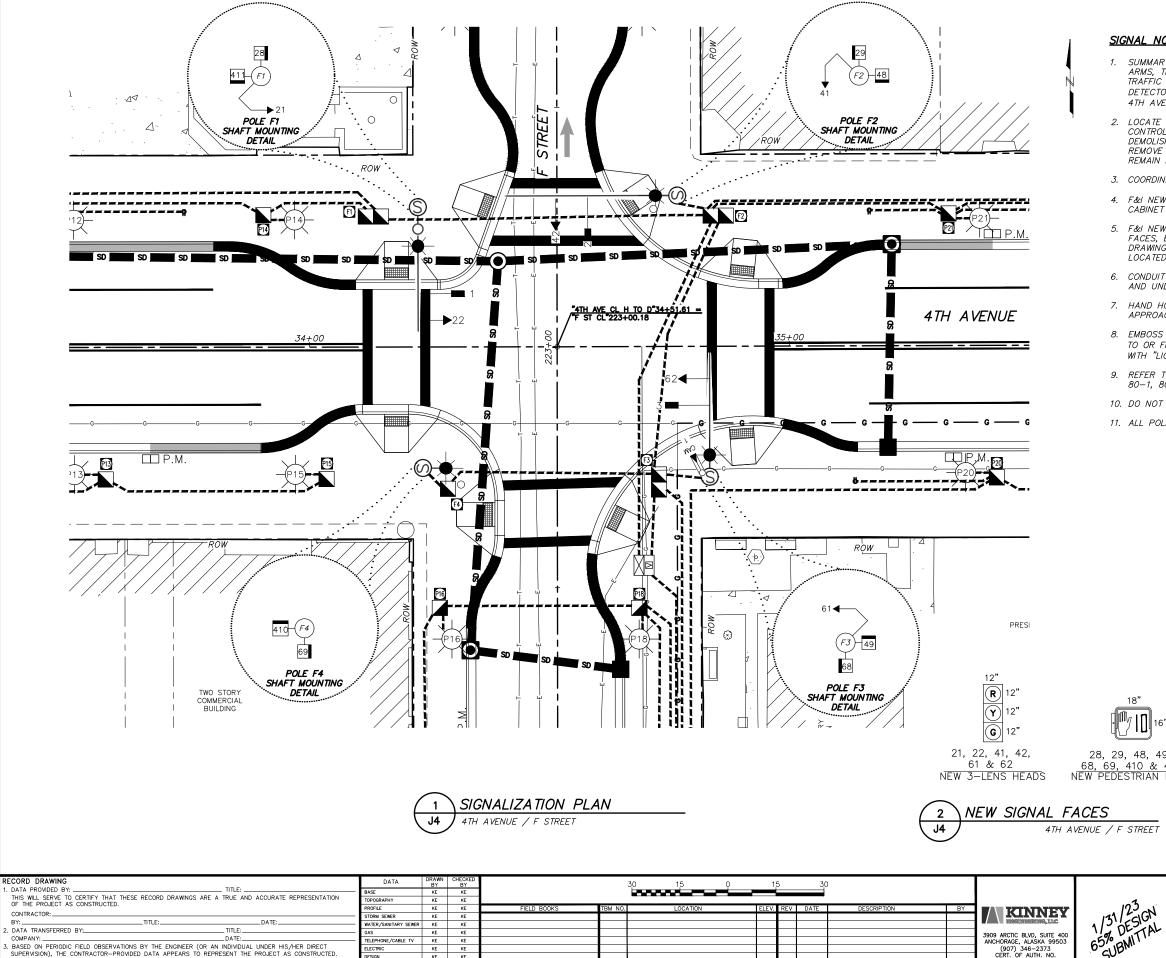
ROJECT NO. 21–22 4TH AVENUE SIGNALS AND LIGHTING UPGRADE – G STREET TO E STREET

G STREET SIGNAL STRUCTURE PROFILES AND SCHEDULES

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

HOR. N/A

J3 of G9 DATE JAN 2023



CONTRACTOR: ____

COMPANY: __

DATA TRANSFERRED BY:_ COMPANY: ____

DATA TRANSFER CHECKED BY:

__TITLE:__

5. 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.

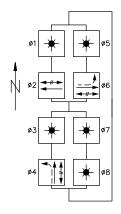
__DATE:_

_DATE:__

__DATE:_

SIGNAL NOTES:

- SUMMARY OF SIGNAL WORK INCLUDES INSTALLING NEW FOUNDATIONS, POLES, MAST ARMS, TRAFFIC HEADS, AND ASSOCIATED EQUIPMENT & HARDWARE. INSTALLING NEW TRAFFIC SIGNAL CONTROLLER AND CABLE TO ALL DEVICES AND PREEMPTION DETECTORS; AND NEW INTERCONNECT CABLE BETWEEN 4TH AVE / I ST TO 4TH AVE / E ST.
- 2. LOCATE AND REMOVE EXISTING TRAFFIC SIGNAL JUNCTION BOXES, TRAFFIC SIGNAL CONTROLLER CABINET AND FOUNDATION, POLES, WRING AND SIGNAL HEADS, AND DEMOLISH POLE BASES AFTER CHANGING OVER TO NEW TRAFFIC SIGNAL SYSTEM. REMOVE EXPOSED CONDUIT TO BE ABANDONED. BURIED ABANDONED CONDUIT MAY REMAIN IN-PLACE IF IT DOES NOT CONFLICT WITH NEW WORK.
- 3. COORDINATE WITH MOA TRAFFIC SIGNAL MAINTENANCE PRIOR TO COMMENCING WORK.
- 4. F&I NEW "STRETCH" M CONTROLLER CABINET ASSEMBLY AND FOUNDATION. ORIENT CABINET FRONT TO FACE SOUTH.
- 5. F&I NEW SIGNALIZATION EQUIPMENT INCLUDING SIGNAL POLES, MAST ARMS, SIGNAL FACES, BACKPLATES, FOUNDATIONS, WIRING, CONDUITS, AND J-BOXES PER DRAWINGS, SPECIAL PROVISIONS AND M.A.S.S. ALL IMPROVEMENTS SHALL BE LOCATED WITHIN THE ROW.
- 6. CONDUIT ROUTING IS APPROXIMATE. ALL CONDUIT MUST BE ROUTED IN THE ROW, AND UNDER SIDEWALK WHERE POSSIBLE.
- 7. HAND HOLES ON THE POLES SHALL BE PLACED ON THE DOWNSTREAM SIDE OF
- 8. EMBOSS ALL JUNCTION BOXES WITH SIGNAL AND INTERCONNECT CONDUIT RUNNING TO OR FROM IT WITH "TRAFFIC". ALL OTHER JUNCTION BOXES SHALL BE EMBOSSED WITH "LIGHTING".
- 9. REFER TO M.A.S.S DETAILS: *80−1, 80−6, 80−7, 80−8.*
- 10. DO NOT CHAMFER FOUNDATIONS FLUSH WITH THE SIDEWALK.
- 11. ALL POLES ARE FIXED BASE.



28, 29, 48, 49, 68, 69, 410 & 411 NEW PEDESTRIAN HEAD

1/31/2023

PERMISSIVE LEFT TURN PROTECTED LEFT TURN → PEDESTRIAN MOVEMENT PROTECTED VEHICLE MOVEMENT

₩ NOT USED

PHASE DIAGRAM

NEW SIGNAL FACES 4TH AVENUE / F STREET

4TH AVENUE / F STREET

| | PROJECT | MANAGEMENT DEPARTM | ENGINEERING | |
|---------|-----------|-----------------------|-----------------|----|
| PROJECT | NO. 21-22 | | SCHEDUL | ΕВ |

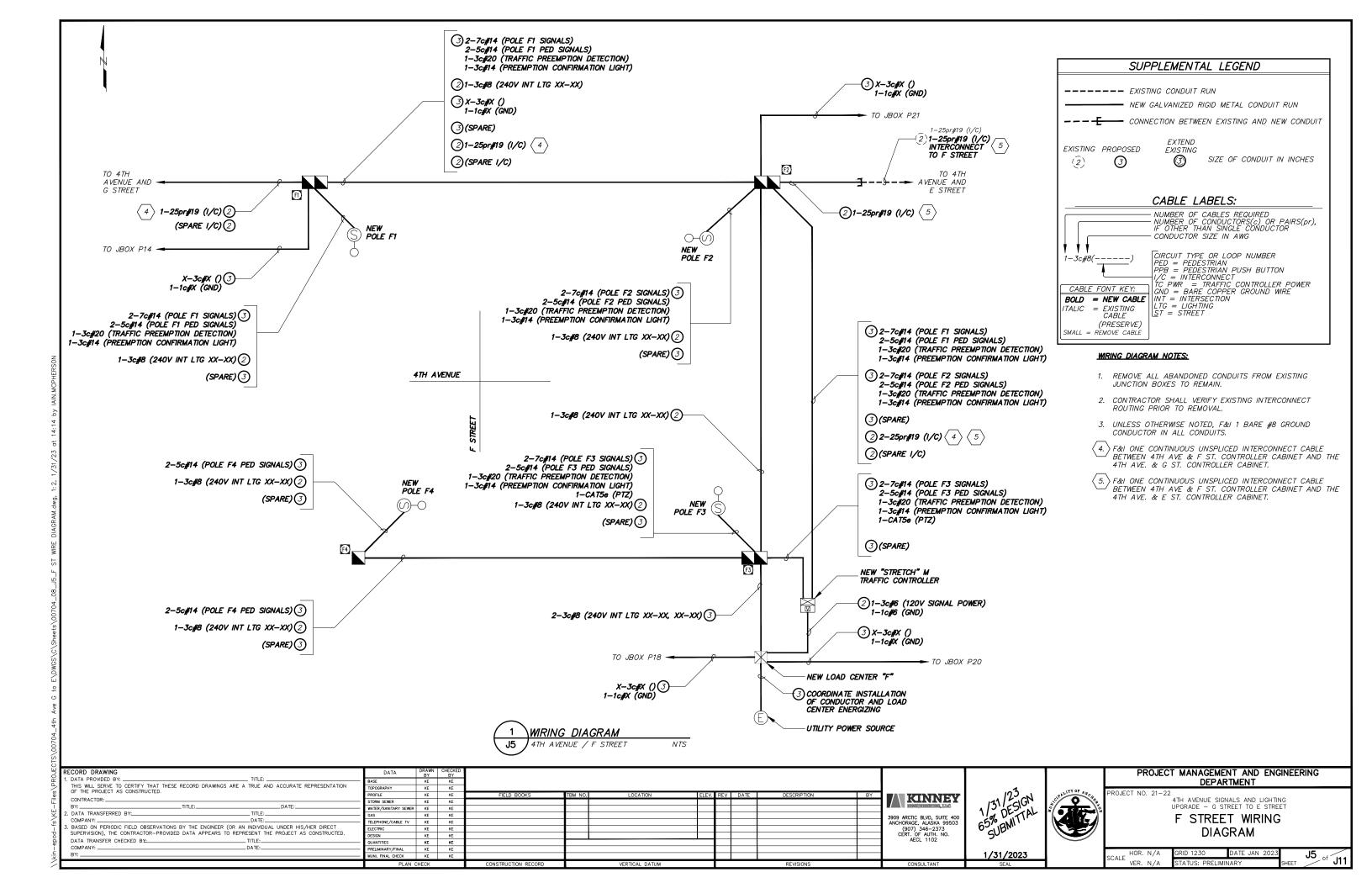
4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

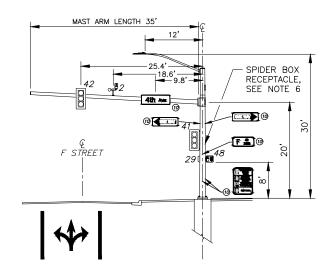
4TH AVE AND F STREET SIGNALIZATION PLAN

GRID 1230

J4 of J11

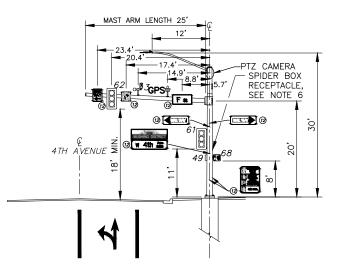
CALE

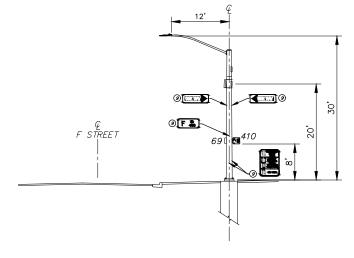




SIGNAL POLE F1 J6 LOOKING WEST PROPOSED POLE

SIGNAL POLE F2 J6 LOOKING NORTH PROPOSED POLE







SIGNAL POLE F4 J6 LOOKING SOUTH PROPOSED POLE

NOTES:

- 1. FOR LUMINAIRE AND LAMP SCHEDULES SEE ILLUMINATION SHEETS.
- 2. SIGNAL POLES SHALL BE FABRICATED IN ACCORDANCE WITH M.A.S.S. STANDARD DETAILS. SEE SHEET JB FOR SIGNAL POLE
- 4. ALIGN LUMINAIRE MAST ARMS WITH SIGNAL MAST ARMS.
- 5. POLE F4 IS A TRAFFIS SIGNAL POLE WITH 35' MAST ARM POLE DESIGN FROM MASS DETAIL 80-26A. F&I A COVER PLATE AND BOLTS TO COVER THE EXPOSED MAST ARM MOUNTING PLATE AND
- 6. FURNISH AND INSTALL 125/250V NEMA 10-50 OUTLET FOR POWER DISTRIBUTION SPIDER BOX. PROVIDE NEMA 4X JUNCTION BOX AND WEATHERPROOF WHILE-IN-USE COVER. MOUNT OUTLET 10' ABOVE POLE BASE. RECEPTACLE WIRING SHALL BE INTERNAL TO THE LIGHT POLE. SEE SHEET J2 FOR CIRCUIT INFORMATION.

| 4TH AVE AND F ST TRAFFIC SIGNAL FOUNDATION AND JUNCTION BOX SCHED |)ULE |
|---|------|
|---|------|

| | NUM | IBER | | LOCA | TION | TOP OF FOUNDATION | REMARKS | | |
|------|------|------|------|----------------|---------------|-------------------|---|--|--|
| POLE | J.B. | L.C. | CONT | STATION | OFFSET | ELEVATION | REMARKS | | |
| F1 | | | | 34+22.6 | 29.1' LT | 101.5' | NEW POLE AND FOUNDATION. SEE NOTE 2 BELOW | | |
| F2 | | | | <i>34+76.7</i> | 31.4' LT | 101.7' | NEW POLE AND FOUNDATION. SEE NOTE 2 BELOW | | |
| F3 | | | | 34+83.3 | 27.2' RT | 101.7' | NEW POLE AND FOUNDATION. SEE NOTE 2 BELOW | | |
| F4 | | | | <i>34+23.6</i> | 25.2' RT | 101.8 | NEW POLE AND FOUNDATION. SEE NOTE 2 BELOW | | |
| | F1 | | | 34+13.4 | 27.2' LT | N/A | NEW TYPE 3 J-BOX | | |
| | F2 | | | 34+85.3 | 27.2' LT | N/A | NEW TYPE 3 J-BOX | | |
| | F3 | | | 34+72.8 | 28.3' RT | N/A | NEW TYPE 3 J-BOX | | |
| | F4 | | | 34+28.8 | 29.5' RT | N/A | NEW TYPE 2 J-BOX | | |
| | | Χ | | SEE SH | EET 15 FOR LO | OCA TION | | | |
| | | | X | 34+69.6 | 45.6' RT | 101.8' | SEE NOTE 1 BELOW | | |

FOUNDATION NOTES:

- F&I NEW "STRETCH" M CONTROLLER FOUNDATION. ELEVATION IS TO TOP OF VAULT, INSTALL ADJACENT SIDEWALK FLUSH WITH VAULT.
- 2. SEE SHEET J8 FOR SIGNAL POLE FOUNDATION DETAIL. TOP OF SIGNAL FOUNDATION SHALL BE FLUSH WITH SURROUNDING SIDEWALK.

| TRAFFIC PREEMPTION SCHEDULE | | | | | | | | | |
|-----------------------------|--------------|----------------------|------|----------------------------|-----------|--|--|--|--|
| LOCATION | DETECTOR NO. | 1 / ///SE / //O//O | | PREEMPTION PRIORITY (2) | MODEL NO. | | | | |
| POLE F1 | 1 | 2 | Ε | Α | 711 | | | | |
| POLE F2 | 2 | 4 | S | В | 721 & GPS | | | | |
| POLE F2 | GPS | ALL | OMNI | | GPS | | | | |
| POLE F3 | 3 | 6 | W | С | 711 | | | | |

DATA PROVIDED BY: /\ KINNEY

THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. CONTRACTOR: ___ __TITLE:__ DATA TRANSFERRED BY:_ COMPANY: ____ _DATE:_ 5. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED. DATA TRANSFER CHECKED BY: COMPANY: __ __DATE:_

1/31/23 65% DESIGN OJ/OBMITTAL 1/31/2023

SCALE

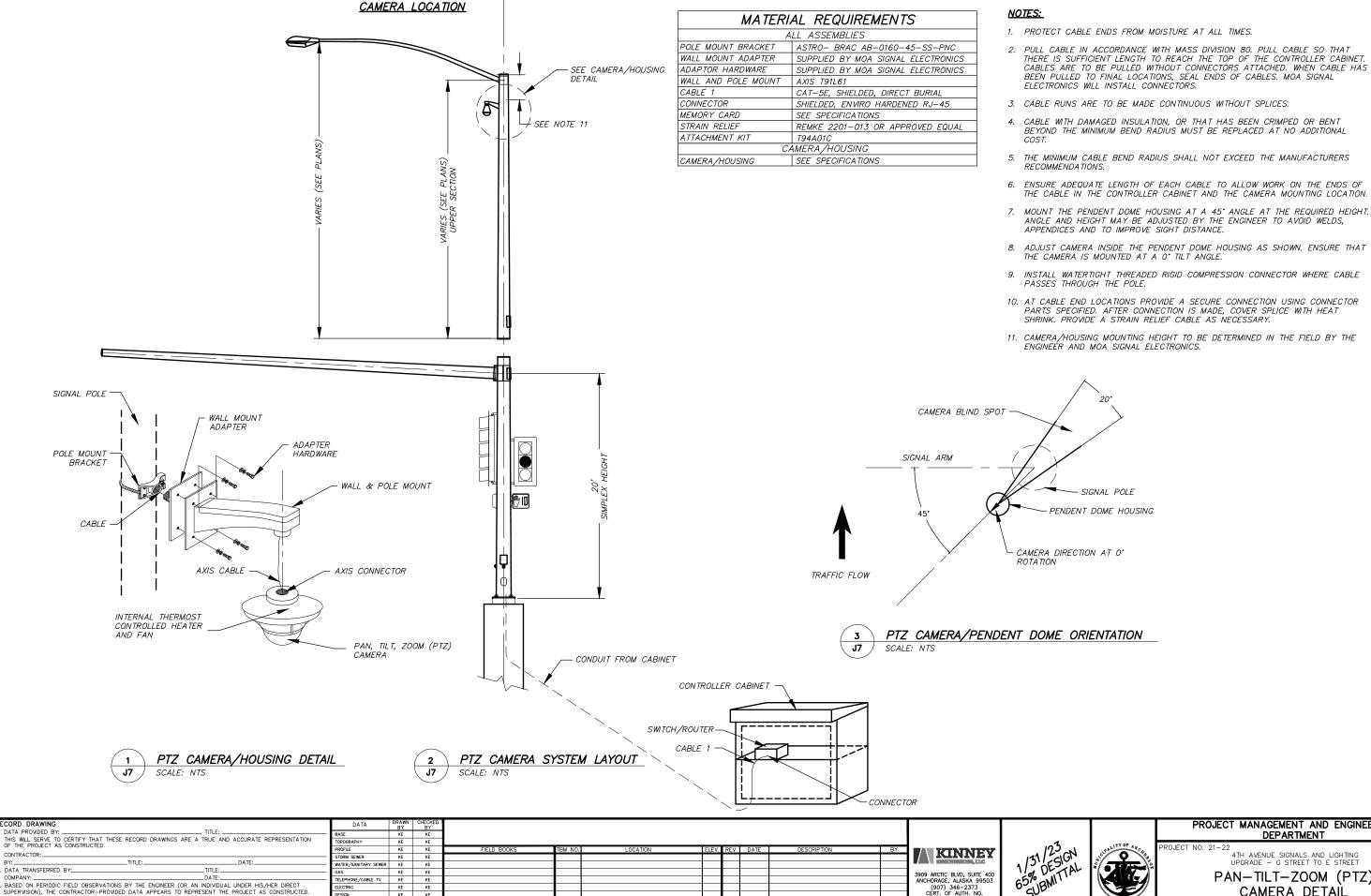
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

F STREET SIGNAL STRUCTURE

PROFILES AND SCHEDULES HOR. N/A

DATE JAN 2023



_DATE:__

__DATE:

BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.

DATA TRANSFER CHECKED BY:

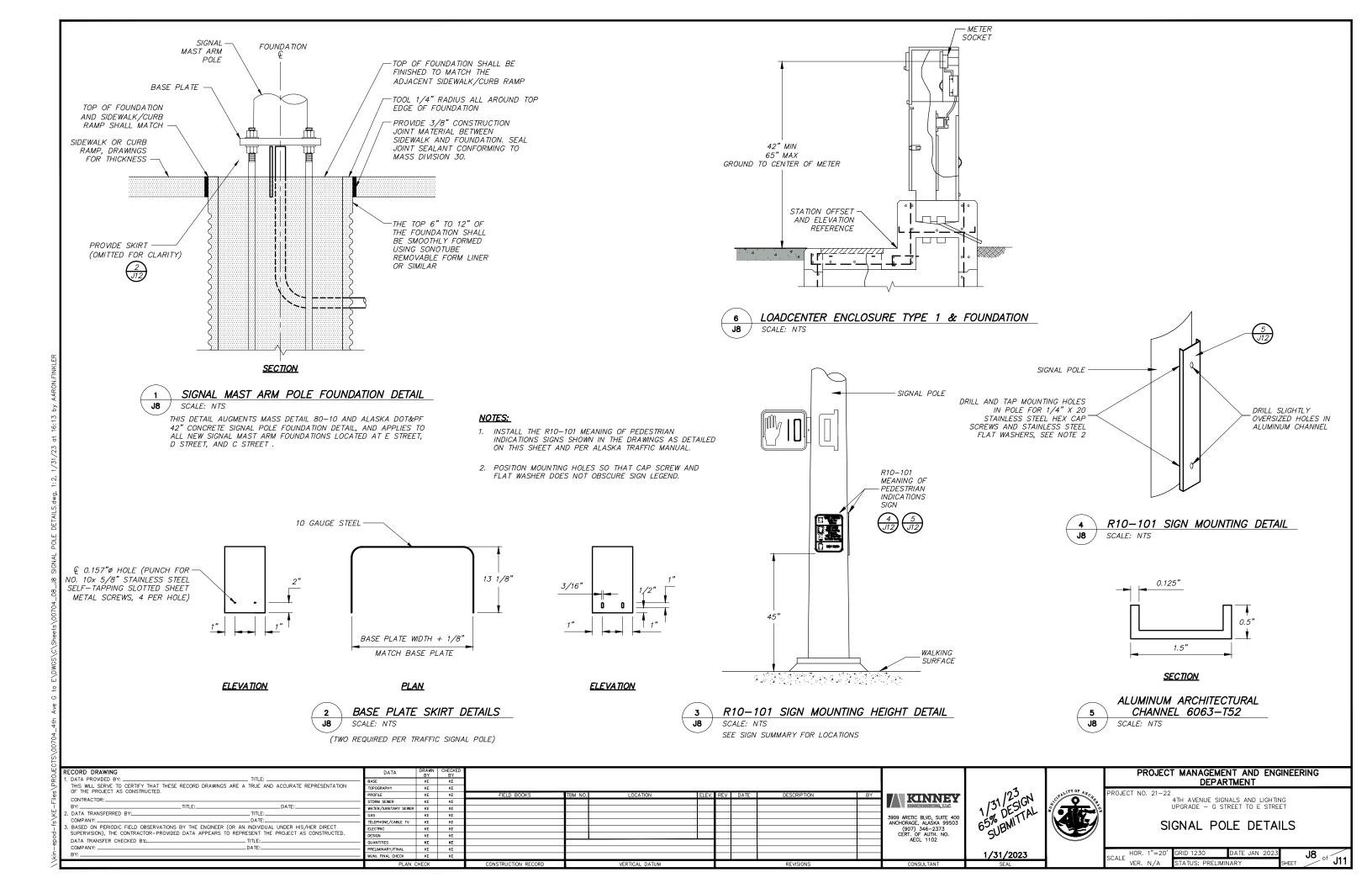
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

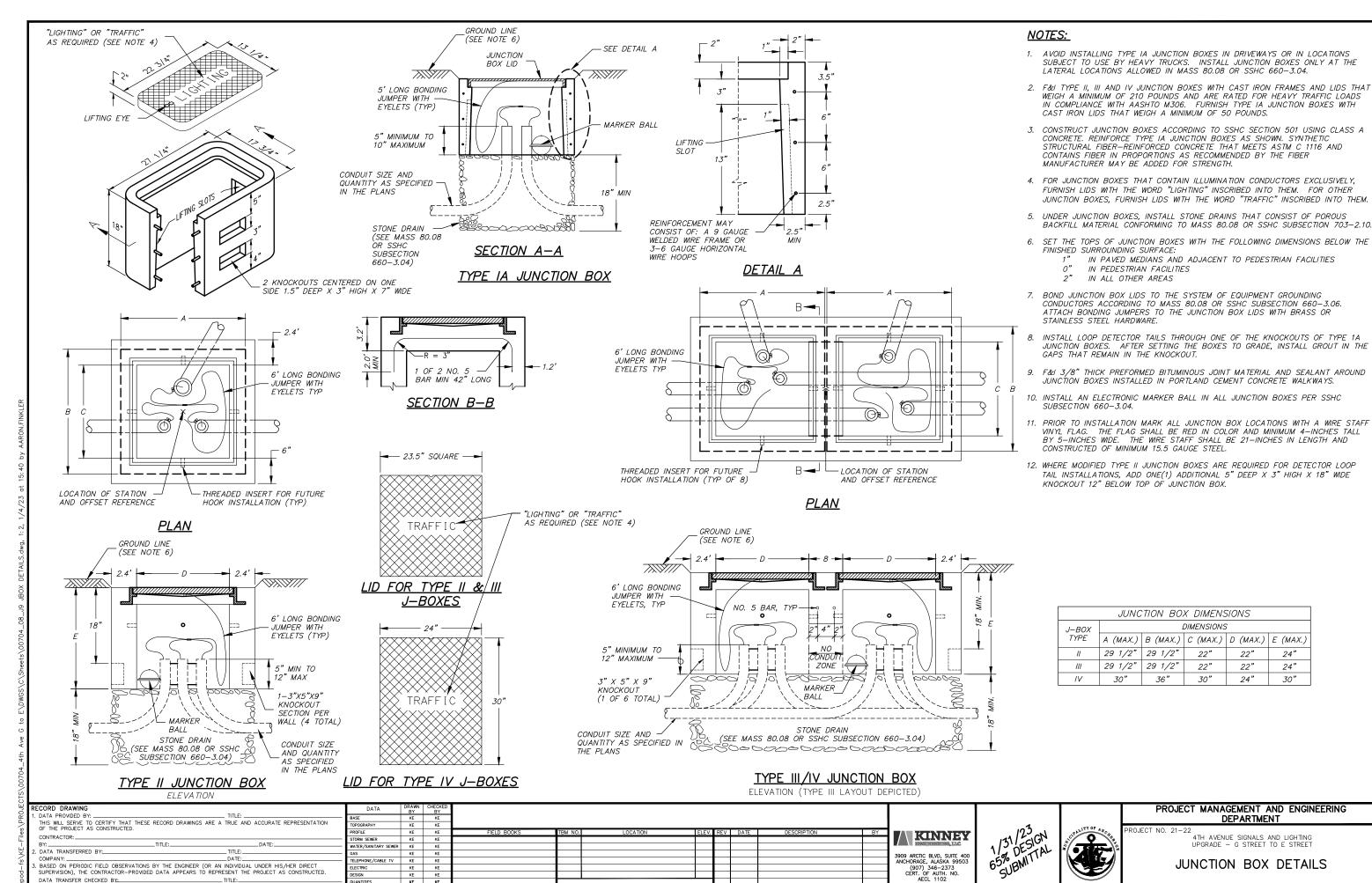
1/31/2023

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

PAN-TILT-ZOOM (PTZ) CAMERA DETAIL

J7_of J11 DATE JAN 202 GRID 1230

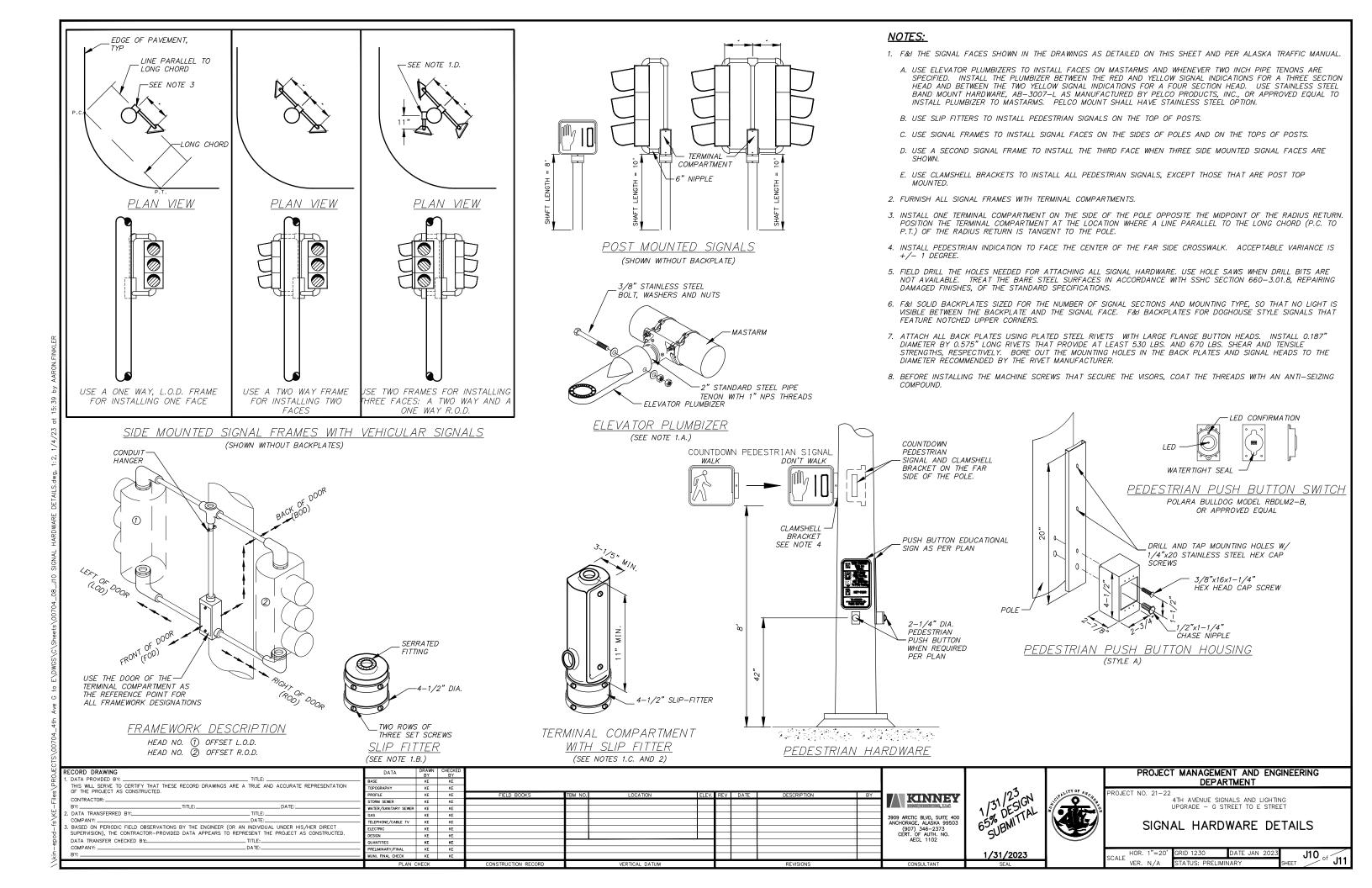


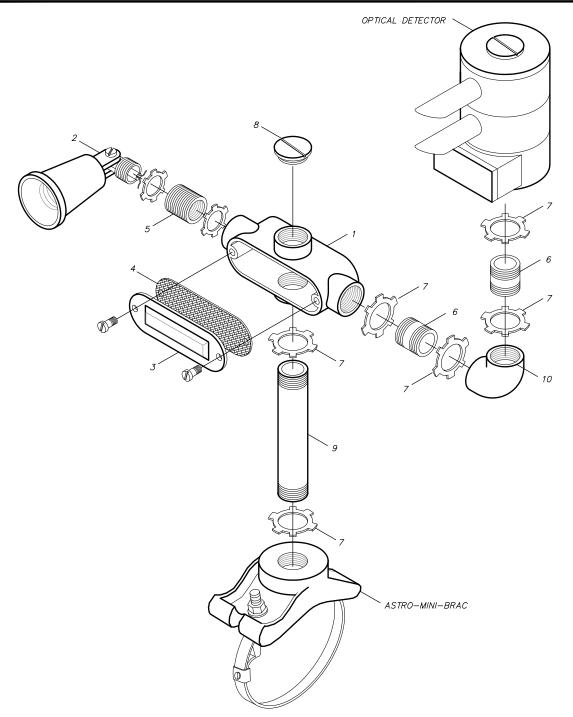


__DATE:_

DATE JAN 2023

1/31/2023

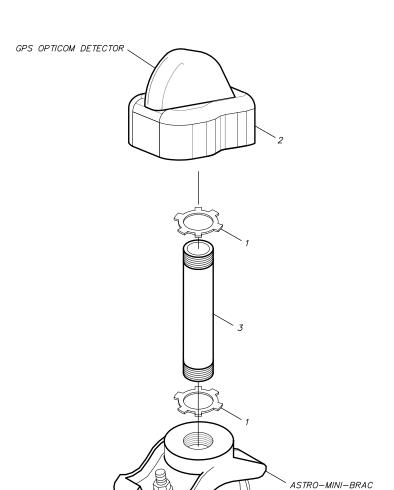




PARTS LIST FOR EACH GTT OPTICOM DETECTOR INSTALLED

GTT OPTICOM MODEL 575 CONFIRMATION LIGHT KIT CONFIGURE AS SHOWN FROM PARTS BELOW

| PART NO. | PART TYPE | LIGHT KIT | - |
|----------|----------------------|------------|----------|
| | | QUANTITY | • |
| 1 | "X" CONDUIT BODY | 1 | |
| 2 | PAR 38 LAMP HOLDER | 2 | |
| 3 | CONDUIT COVER | 1 | |
| 4 | COVER GASKET | 1 | |
| 5 | REDUCING BUSHING | 2 | |
| 6 | 3/4" X 2" GALVANIZED | NIPPLE ADD | 2 TO KIT |
| 7 | 3/4" LOCKNUT | 6 | |
| 8 | 3/4" HOLE PLUG | 2 | |
| 9 | 3/4" X 6" NIPPLE | ADD | 1 TO KIT |
| 10 | 3/4" X 90° ELBOW | ADD | 1 TO KIT |



PARTS LIST FOR EACH GPS OPTICOM DETECTOR INSTALLED

GTT OPTICOM MODEL 3100 RADIO/GPS UNIT AS SHOWN FROM PARTS BELOW

| | · | |
|----------|------------------|----------|
| PART NO. | PART TYPE | LIGHT KI |
| | | QUANTIT' |
| 1 | 3/4" LOCKNUT | 2 |
| 2 | GPS OPTICOM UNIT | 1 |
| 3 | 3/4" X 6" NIPPLE | 1 |
| | -/ | |

NOTES:

- 1. SEE THE SIGNAL PLANS FOR THE SIGNAL POLE MAST ARMS SCHEDULED FOR EVP INSTALLATION.
- 2. FOR EACH EVP INSTALLATION, FURNISH:
 - A. A GTT MODEL 711, 721, 722 OPTICOM DETECTOR AS CALLED FOR IN PLANS.
 - B. AN ASTRO-MINI-BRAC, MODEL AB-0155-L, AS MANUFACTURED BY PELCO PRODUCTS OR AN APPROVED EQUAL.
 - C. A GTT MODEL 575 CONFIRMATION LIGHT KIT WITH THE ADDITIONAL PARTS SHOWN IN THE PARTS LIST, OR STEEL PARTS, WITH A HOT DIP GALVANIZED FINISH, AS SHOWN IN THE PARTS LIST.
 - D. WITH EACH OPTICOM DETECTOR INSTALLED, FURNISH A PAR38 20 WATT LED FLOOD LAMP RATED FOR 120 VOLT OPERATION, 1250 INITIAL LUMENS, AND A 25000 HOUR LAMP LIFE.
- E. STAINLESS STEEL UPGRADE OPTION.
- 3. MOUNT EVP DETECTORS TO HAVE DIRECT, UNOBSTRUCTED LINE-OF-SIGHT OF APPROACHING VEHICLES. DRILL A 1 INCH HOLE IN THE TOP DEAD CENTER OF THE MAST ARM AT THE LOCATION PRE-APPROVED BY THE ENGINEER. ASSEMBLE AND TIGHTEN THE PARTS AND LOCKNUTS AS SHOWN ON THIS SHEET.
- 4. BEFORE ATTACHING THE MODEL 138 DETECTOR CABLE TO THE OPTICOM DETECTOR, STRIP THE INSULATION FROM THE THREE INSULATED CONDUCTORS AT THE CONTROLLER CABINET AND ATTACH ALL FOUR CONDUCTORS TO
- 5. PREEMPTION EMITTERS SHALL BE ASSIGNED ID NUMBERS BY JURISDICTION AS SHOWN IN VEHICLE EMITTER TABLE.

GPS NOTES:

- SEE THE SIGNAL PLANS FOR THE SIGNAL POLE MAST ARM SCHEDULED FOR GPS OPTICOM SYSTEM INSTALLATION.
- 2. FOR EACH GPS OPTICOM SYSTEM INSTALLATION, FURNISH:
 - A. A GTT MODEL 3100 GPS DETECTOR AS CALLED FOR IN PLANS.
 - B. AN ASTRO-MINI-BRAC, MODEL AB-0155-L, AS MANUFACTURED BY PELCO PRODUCTS OR AN APPROVED EQUAL.
- C. STAINLESS STEEL UPGRADE OPTION.
- 3. MOUNT DETECTORS PER MANUFACTURER RECOMMENDATIONS. DRILL A 1 INCH HOLE IN THE TOP DEAD CENTER OF THE MAST ARM AT THE LOCATION PRE-APPROVED BY THE ENGINEER. ASSEMBLE AND TIGHTEN THE PARTS AND LOCKNUTS AS SHOWN ON THIS SHEET.
- 4. INSTALL OPTICOM MODEL 1070 GPS INSTALLATION CABLE BETWEEN THE SIGNAL CABINET AND THE GPS UNIT PER MANUFACTURER RECOMMENDATIONS. LEAVE APPROXIMATELY 10 FEET OF THE MODEL 1070 CABLE SPOOLED IN THE TRAFFIC
- 5. PREEMPTION EMITTERS SHALL BE ASSIGNED ID NUMBERS BY JURISDICTION AS SHOWN IN VEHICLE EMITTER TABLE.

| VEHICLE EMITTER TABLE | | | | | | | |
|-----------------------|---------------------|---------------------------|--------------|--|--|--|--|
| CLASS | VEHICLE I.D. NO. | JURISDICTION | VEHICLE TYPE | | | | |
| 0 | NOT USED | MUNICIPALITY OF ANCHORAGE | FIRE & EMS | | | | |
| 1 | NOT USED | MUNICIPALITY OF ANCHORAGE | OTHER | | | | |
| 2 | NOT USED | FAIRBANKS | FIRE & EMS | | | | |
| 3 | NOT USED | <i>FAIRBANKS</i> | OTHER | | | | |
| 4 | 1-30 | MATANUSKA/SUSITNA | FIRE & EMS | | | | |
| 5 | NOT USED | MATANUSKA/SUSITNA | OTHER | | | | |
| 6 | NOT USED | KENAI PENINSULA | FIRE & EMS | | | | |
| 7 | NOT USED | KENAI PENINSULA | OTHER | | | | |
| 8 | NOT USED | ELMENDORF/FT. RICHARDSON | FIRE & EMS | | | | |
| 9 | NOT USED | ELMENDORF/FT. RICHARDSON | OTHER | | | | |
| | | | | | | | |
| | | | | | | | |

DATA PROVIDED BY: THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED. CONTRACTOR: ___ __TITLE:__ __DATE: DATA TRANSFERRED BY: _DATE:_ 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.

__DATE:_

DATA TRANSFER CHECKED BY:

COMPANY: _

KINNEY

1/31/23 65% DESIGN 1/31/2023



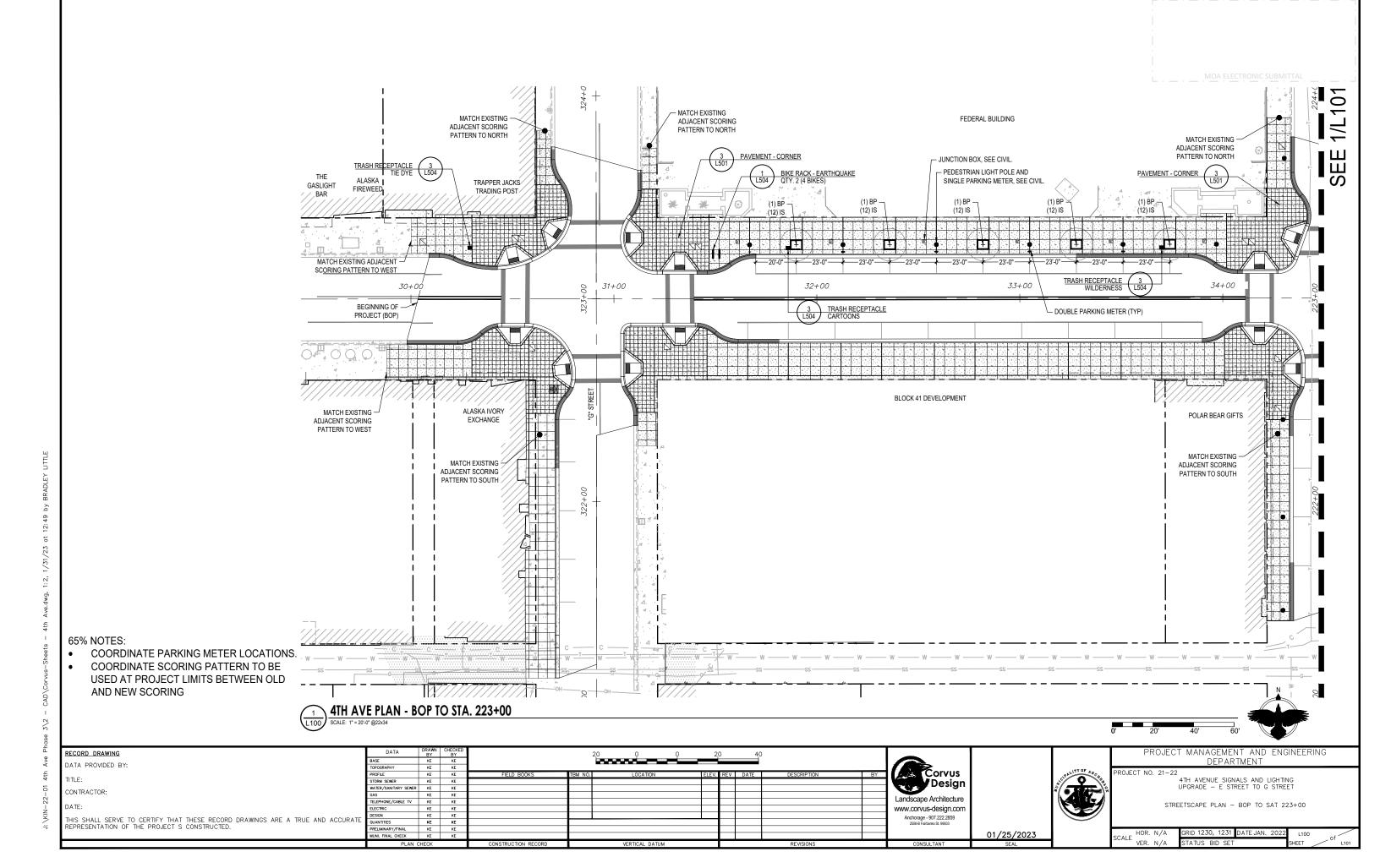
4TH AVENUE SIGNALS AND LIGHTING UPGRADE — G STREET TO E STREET

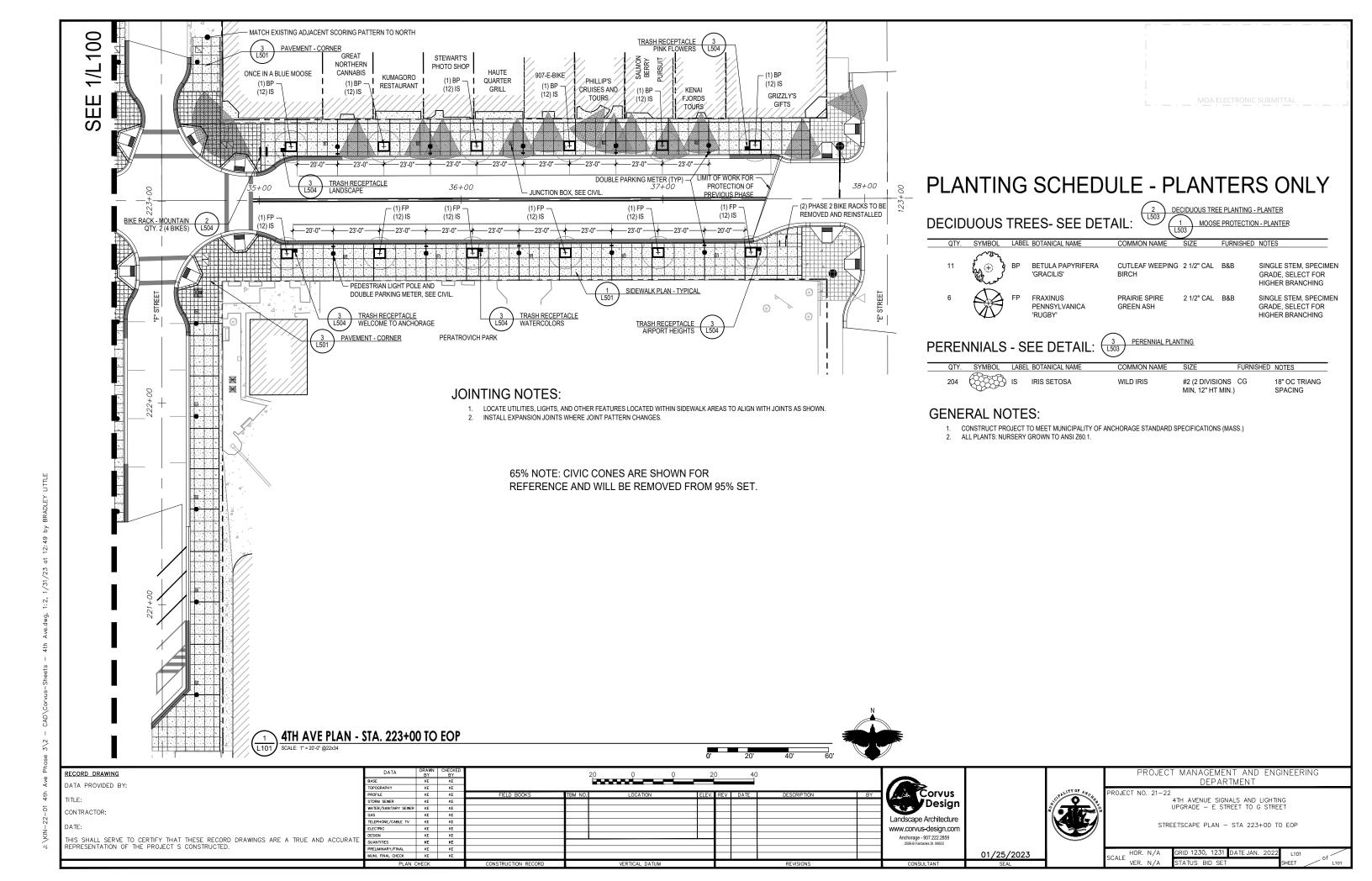
EVP INSTALLATION DETAILS

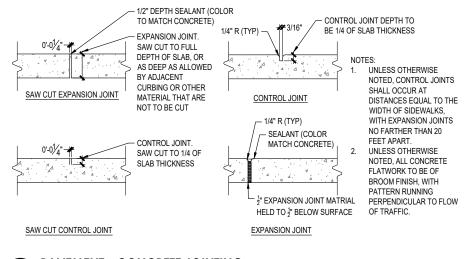
PROJECT MANAGEMENT AND ENGINEERING

DEPARTMENT

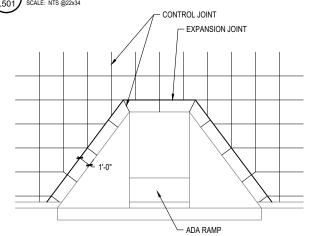
GRID 1230 HOR. 1"=20 CALE



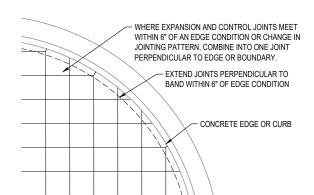




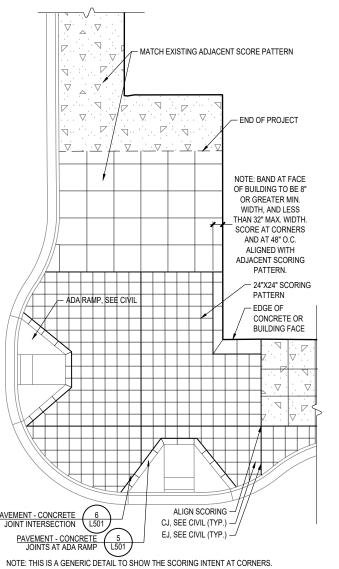
PAVEMENT - CONCRETE JOINTING

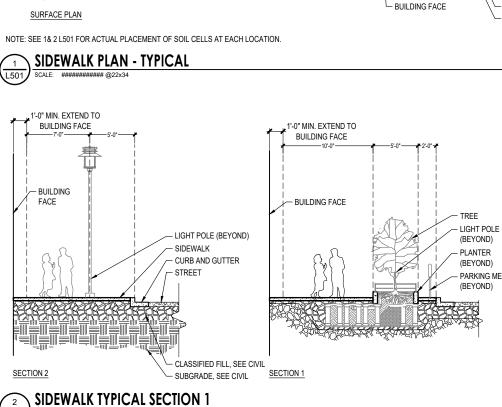


PAVEMENT - CONCRETE JOINTS AT ADA RAMP L501









Design

Anchorage - 907.222.2859 2506-B Fairbanks St. 99503

The same

---5'-0" --

1'-0" MIN. EXTEND TO BUILDING FACE J

TRAFFIC FLOW

- PARKING METER, SEE CIVIL

☐ JUNCTION BOX

- PED LIGHT, SEE CIVIL

PAVEMENT - CORNER

SCALE: ########## @22x34

RECORD DRAWING DATA PROVIDED BY:

TITLE: CONTRACTOR:

DATE:

THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT S CONSTRUCTED.

Corvus Landscape Architecture www.corvus-design.com

JB ■

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — E STREET TO G STREET

DETAILS - STREETSCAPE AND JOINTING

PLANTER AND DECORATIVE RAILS

- CJ. SEE CIVIL (TYP.)

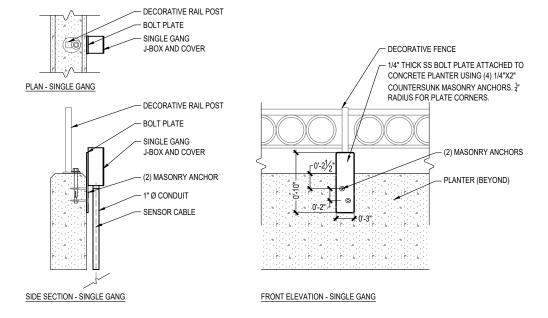
- EJ, SEE CIVIL (TYP.)

- DIAGRAMMATIC SOIL CELLS PLAN, SEE L505

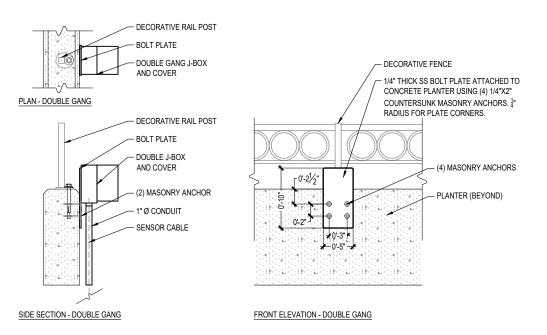
GRID 1230, 1231 DATE JAN. 2022 HOR. N/A L501 CALE

01/25/2023

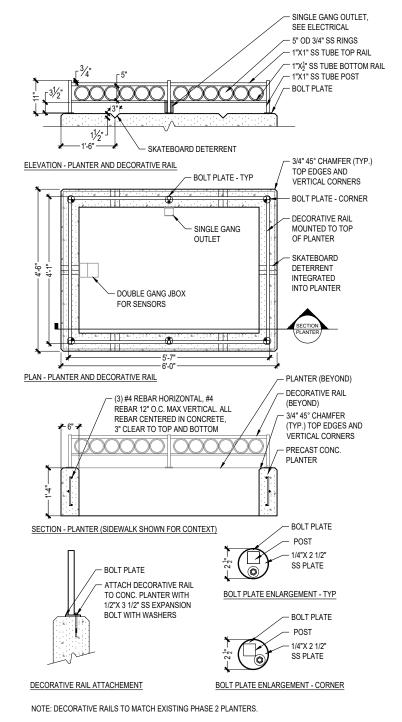
65% NOTE: THIS IS AN OPTION FOR JUNCTION BOX MOUNTING THAT IS SEPARATE FROM THE DECORATIVE RAIL.















| RECORD DRAWING | DATA | DRAWN BY | CHECKED BY | | | 20 0 0 | 2 | 20 | 4.0 |) | | |
|--|----------------------|-------------|---------------|-------------|---------|----------|-------|-----|------|-------------|----|--|
| DATA PROVIDED BY: | BASE | KE | KE | | | | | | _ | | | |
| | TOPOGRAPHY | KE | KE | | | | | | | | | * * * * * * * * * * * * * * * * * * * |
| | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | LOCATION | ELEV. | REV | DATE | DESCRIPTION | BY | Corvus |
| | STORM SEWER | KE | KE | | | | | | | | | Design |
| CONTRACTOR: | WATER/SANITARY SEWER | KE | KE | | | | | | | | | Design |
| CONTRACTOR: | GAS | KE | KE | | | | | | | | | Landscape Architecture |
| 0.175 | TELEPHONE/CABLE TV | KE | KE | | | | | | | | | · · |
| | ELECTRIC | KE | KE | | | | | | | | | www.corvus-design.com |
| THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE | DESIGN | KE | KE | | | | | | 1 / | | | Anchorage - 907.222.2859 |
| REPRESENTATION OF THE PROJECT S CONSTRUCTED. | QUANTITIES | KE | KE | | | | | | 1 | | | 2506-B Fairbanks St. 99503 |
| | PRELIMINARY/FINAL | KE | KE | | | | | | | | | |
| 1 | | | | | | | | | | | | |

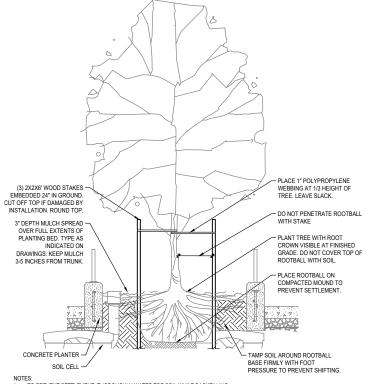
01/25/2023

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — E STREET TO G STREET

DETAILS - PLANTING

L502

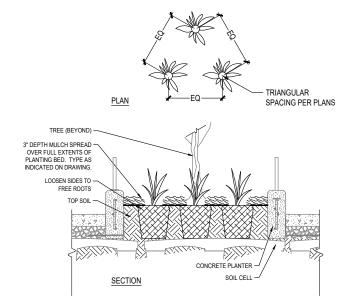
1X2 RAIL



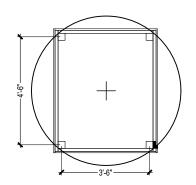
TO PREVENT SETTLEMENT, THOROUGHLY WATER TOP SOIL WHILE BACKFILLING DO NOT FERTILIZE AT TIME OF INSTALLATION IF PRESENT, REMOVE ALL POTS, TWINE, WIRE, AND BURLAP FROM ROOTBALL



DECIDUOUS TREE PLANTING - PLANTER







- 4x4x8' PT POST - 1X2 RAIL TEMPORARILY ATTACH AS NEEDED PRIOR TO ADDING 1X2 RAIL TOP AND BOTTOM ALL SIDES PER ABOVE.

- 2x4 PT RAIL TOP AND BOTTOM OF MESH. ATTACH WITH (2) 1/4"X4" STRONG-TIE SDWS (OR ACCEPTED EQUIV. WAFER HEAD TIMBER SCREW) PER POST. PRE-DRILL.

- 1x2 CEDAR RAIL TO ATTACH AND COVER BOTTOM AND TOP OF MESH ALL SIDES. ATTACH WITH #8x2" SS WOOD SCREWS @ 12" O.C. MIN. WITH MAX 2" FROM ENDS. VERTICAL 2X4 PT AND 1x2 CEDAR FOR MESH

VERTICAL SEAM. THIS LOCATION ONLY. WELDED WIRE FENCE WITH 2"x4" MESH OPENINGS AND PVC COATED (OR ACCEPTED EQUIVALENT).

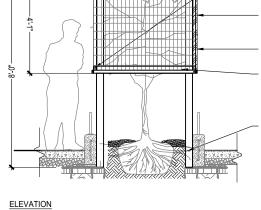
- SET POST INSIDE PLANTER CORNERS, SEE ENLARGEMENT

- FASTENERS TO BE CORROSION RESISTANT AND COMPATIBLE WITH PRESSURE TREATED WOOD AS USED.
- 2. ALL COMPONENTS TO BE CHECKED AND TREATED TO ENSURE THAT THERE ARE NO BURRS, SPLINTERS, SHARP EDGES OR SIMILAR CONDITIONS THAT COULD INJURE. ALL CUT EDGES OF TIMBER TO BE EASED TO 1/4"R. ALL EXPOSED EDGES OF MESH TO BE COVERED BY 1X2.

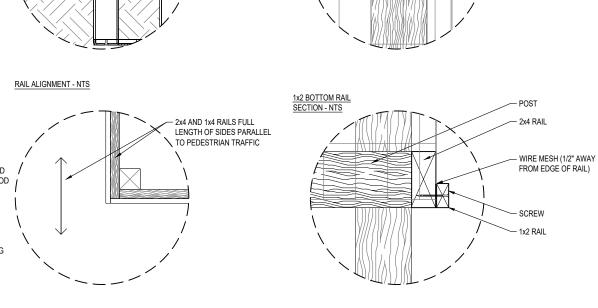
POST PLACEMENT - NTS

VERTICAL SEAM FOR MESH TO BE LOCATED AT A POST ON THE STREET-SIDE FACE, BACKED WITH A VERTICAL PT 2X4 BETWEEN THE TOP AND BOTTOM RAILS (ATTACHED W ITH (2) #8X3" SS WOOD SCREWS AT TOP, BOTTOM AND MIDDLE), AND COVERED WITH A VERTICAL 1X2 PER DETAIL FOR TOP AND BOTTOM MESH ATTACHMENTS.

> www.corvus-design.com Anchorage - 907.222.2859 2506-B Fairbanks St. 99503







1x2 TOP RAIL ELEVATION - NTS

- INSTALL POST ADJACENT TO

PLANTER CORNERS. PLACE

POST BOTTOM ON SOIL CELL

Corvus Design Landscape Architecture



PROJECT MANAGEMENT AND ENGINEERING

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — E STREET TO G STREET

DETAILS - PLANTING

L503

RECORD DRAWING DATA PROVIDED BY:

TITLE:

CONTRACTOR:

THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT S CONSTRUCTED.

PLAN

01/25/2023

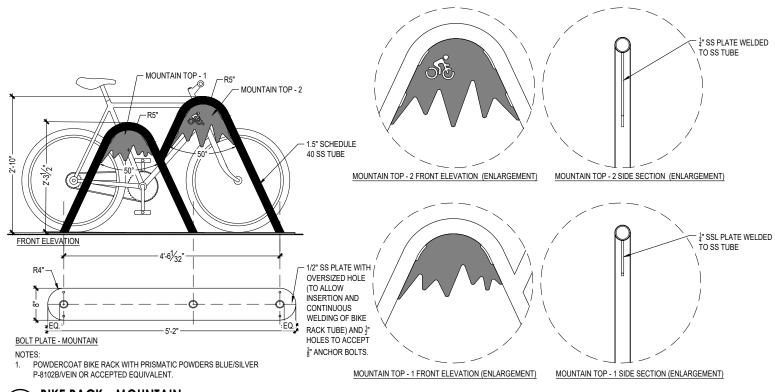
THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT S CONSTRUCTED.

RECORD DRAWING

TITLE: CONTRACTOR:

DATA PROVIDED BY:

NOTE: BIKE RACKS ARE PLACEHOLDERS, BUT WOULD PROVIDE CONTINUITY. NEW DESIGNS CAN BE DEVELOPED.



-1" SS PLATE WELDED BICYCLE TAB - SECTION BICYCLE TAB - ELEVATION

-0 0 PLAN VIEW -1.5" SCHEDULE 40 SS TUBE ELEVATION - RACK 2 -2'-6⁷/8" BOLT PLATE - RACK 2 Q Q BOLT PLATE - RACK 2 $10^{21}/_{32}$ " $10^{40}/_{32}$ " 1-1/2" SS PLATE WITH OVERSIZED HOLE (TO ALLOW INSERTION AND CONTINUOUS WELDING OF BIKE RACK TUBE) AND 1" HOLES TO ACCEPT 3" ANCHOR BOLTS.

Ŏ

Ó

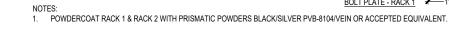
0



TYPICAL BEAR SAVER LITTER BIN (LITTER BIN - CARTOONS SHOWN ABOVE)

TRASH RECEPTACLE

(8) EXISTING TRASH RECEPTACLES TO BE REMOVED AND RELOCATED WITHIN PROJECT AREA. TRASH RECEPTACLES ARE IDENTIFIED AS FOLLOWS: PINK FLOWERS, LANDSCAPE, WELCOME TO ANCHORAGE, WATERCOLOR, AIRPORT HEIGHTS, WILDERNESS, CARTOONS, AND TIE DYE.



BIKE RACK - EARTHQUAKE

 $\frac{3}{L504}$ www.corvus-design.com Anchorage - 907.222.2859 2506-B Fairbanks St. 99503

PROJECT MANAGEMENT AND ENGINEERING 4TH AVENUE SIGNALS AND LIGHTING UPGRADE — E STREET TO G STREET

DETAILS - BIKE RACKS

-1.5" SCHEDULE 40 SS TUBE

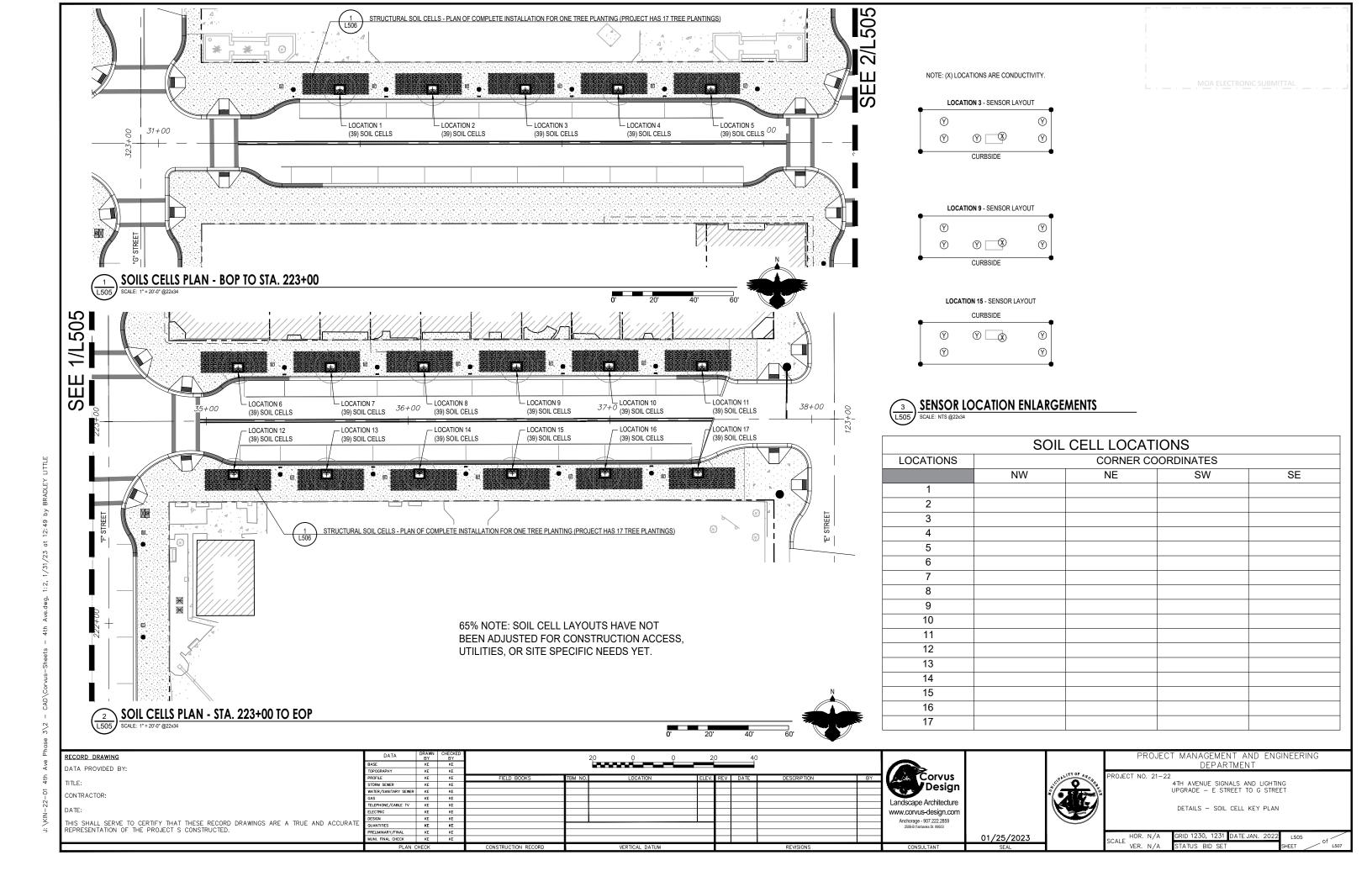
-BOLT PLATE - RACK 1

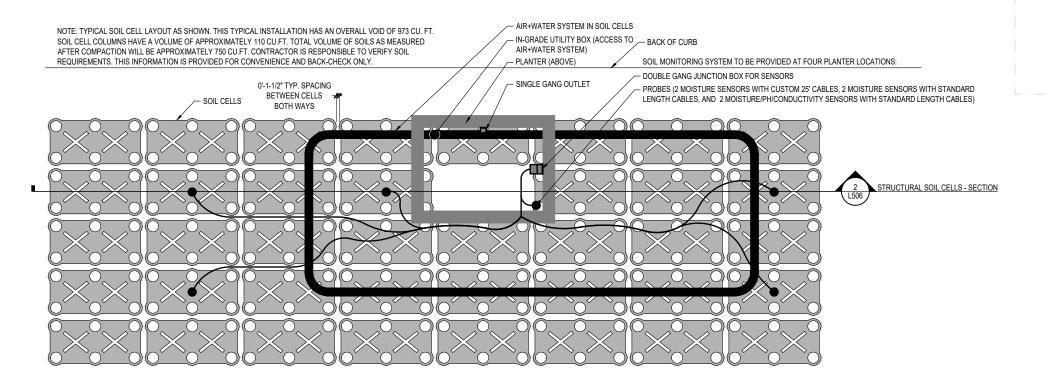
L504

01/25/2023

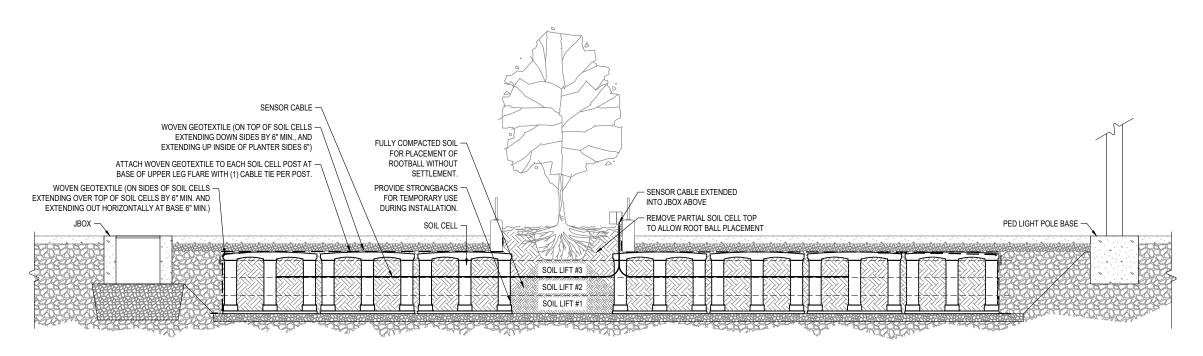
ELEVATION - RACK 1

BIKE RACK LOCATIONS TO BE FIELD VERIFIED-BY ENGINEER PRIOR TO INSTALLATION. THIS DETAIL SHOWS INTENT THAT TOW BIKE RACKS
COULD BE STAGGERED FOR VISUAL EFFECT.

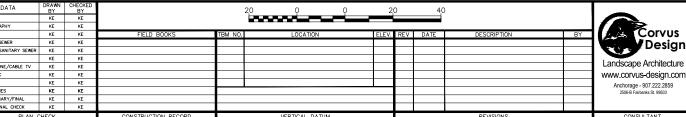




STRUCTURAL SOIL CELLS - PLAN OF COMPLETE INSTALLATION FOR ONE TREE PLANTING (PROJECT HAS 17 TREE PLANTINGS)



| RECORD DRAWING | DATA | DRAWN BY | CHECKED BY | | | 2 |
|---|----------------------|-------------|---------------|-------------|---------|---|
| DATA PROMPED DV | BASE | KE | KE | | | |
| DATA PROVIDED BY: | TOPOGRAPHY | KE | KE | | | |
| | PROFILE | KE | KE | FIELD BOOKS | TBM NO. | _ |
| TITLE: | STORM SEWER | KE | KE | | | 1 |
| CONTRACTOR | WATER/SANITARY SEWER | KE | KE | | | Ī |
| CONTRACTOR: | GAS | KE | KE | | | Ī |
| | TELEPHONE/CABLE TV | KE | KE | | | Ī |
| DATE: | ELECTRIC | KE | KE | | | Ī |
| THE COURT OF THE TAILED THAT THESE SECOND SOLUTIONS ASSET THE TAILED AND ADDRESS. | DESIGN | KE | KE | | | Ī |
| THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE | QUANTITIES | KE | KE | | | |
| REPRESENTATION OF THE PROJECT S CONSTRUCTED. | PRELIMINARY/FINAL | KE | KE | | | |
| | | | | | | |





01/25/2023

PROJECT MANAGEMENT AND ENGINEERING
DEPARTMENT

DETAILS - SOIL CELLS

4TH AVENUE SIGNALS AND LIGHTING UPGRADE — E STREET TO G STREET

HOR. N/A GRID 1230, 1231 DATE JAN. 2022 L506
VER. N/A STATUS BID SET SHEET