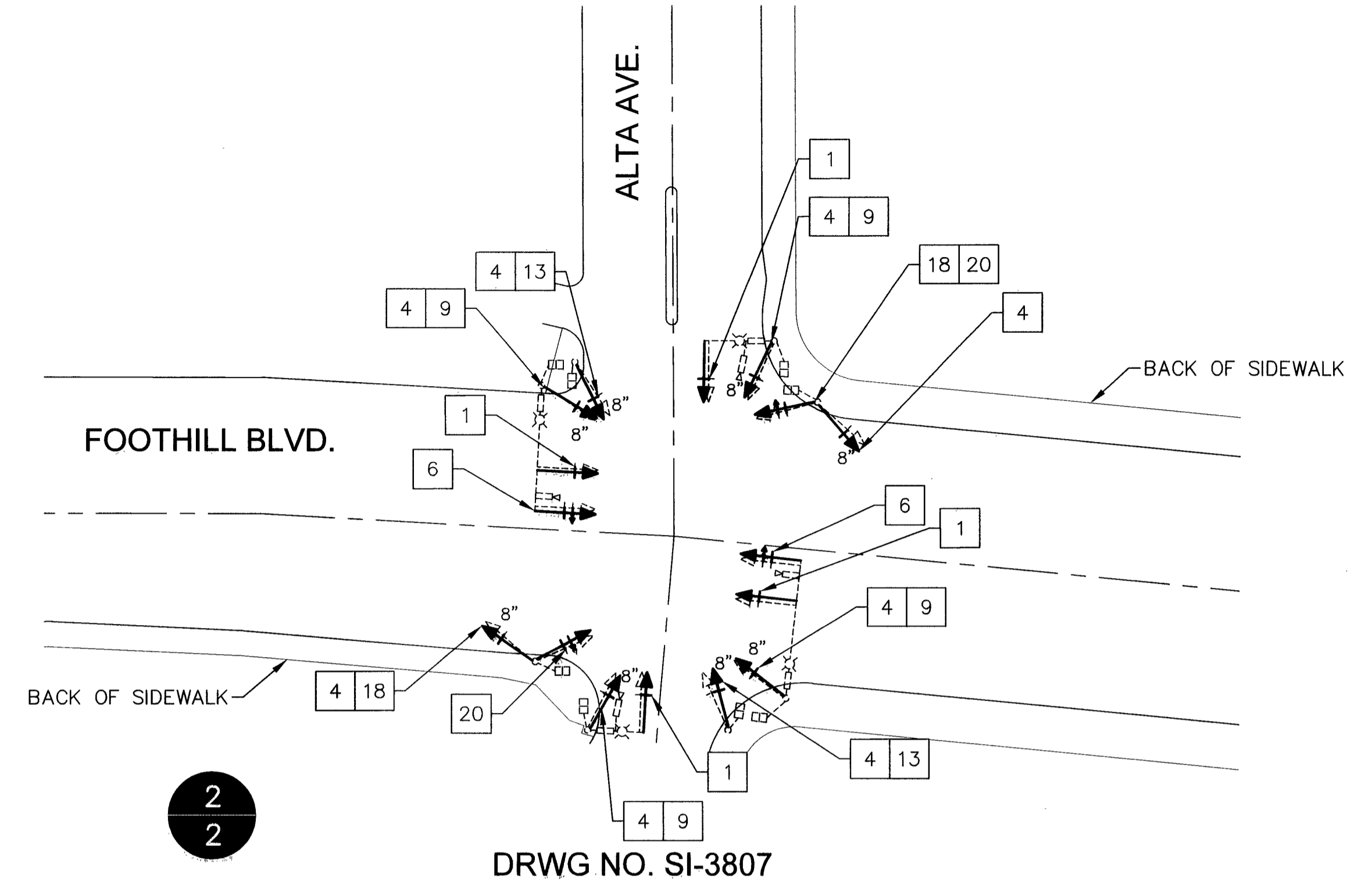


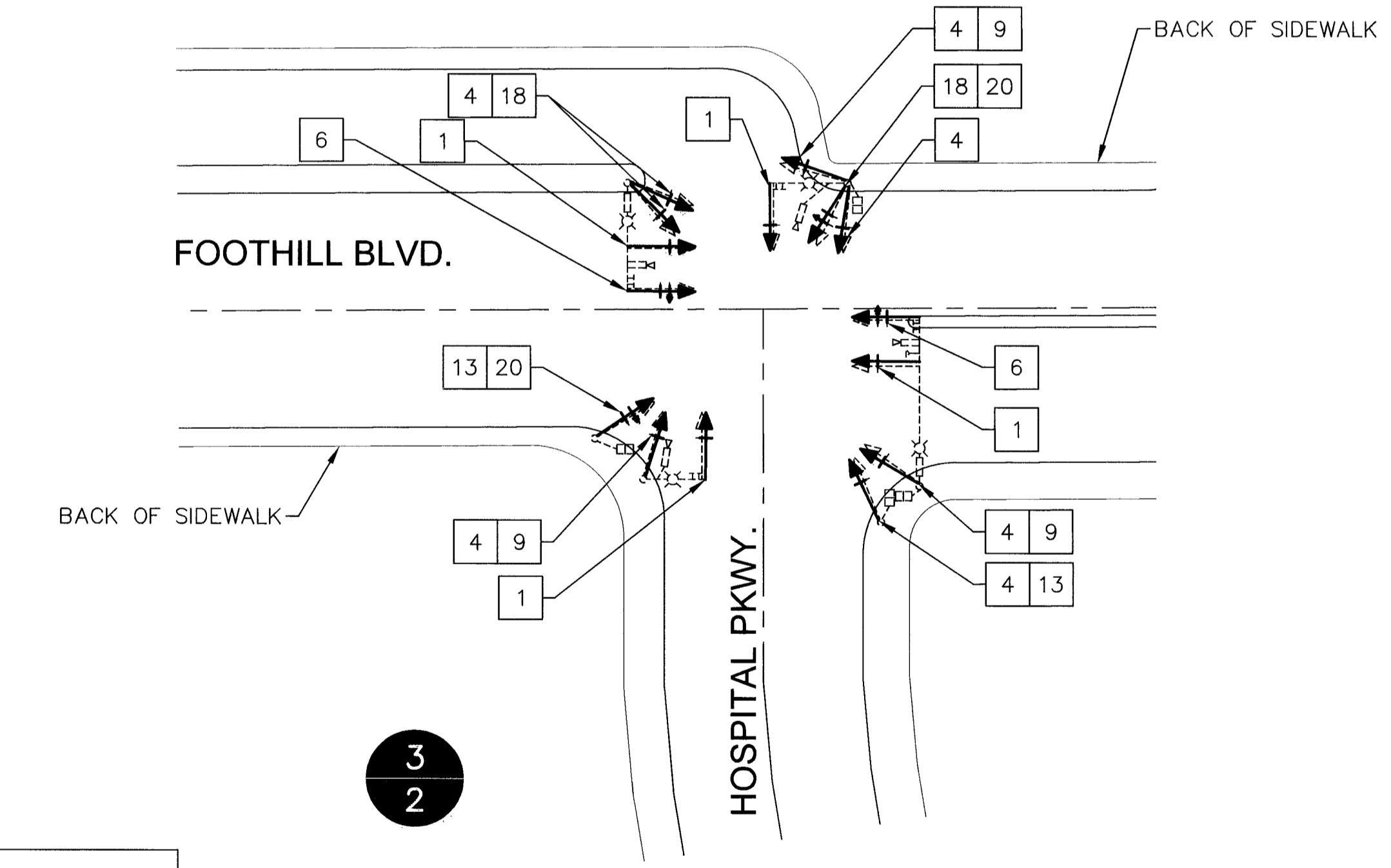
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CONSTRUCTION NOTES:

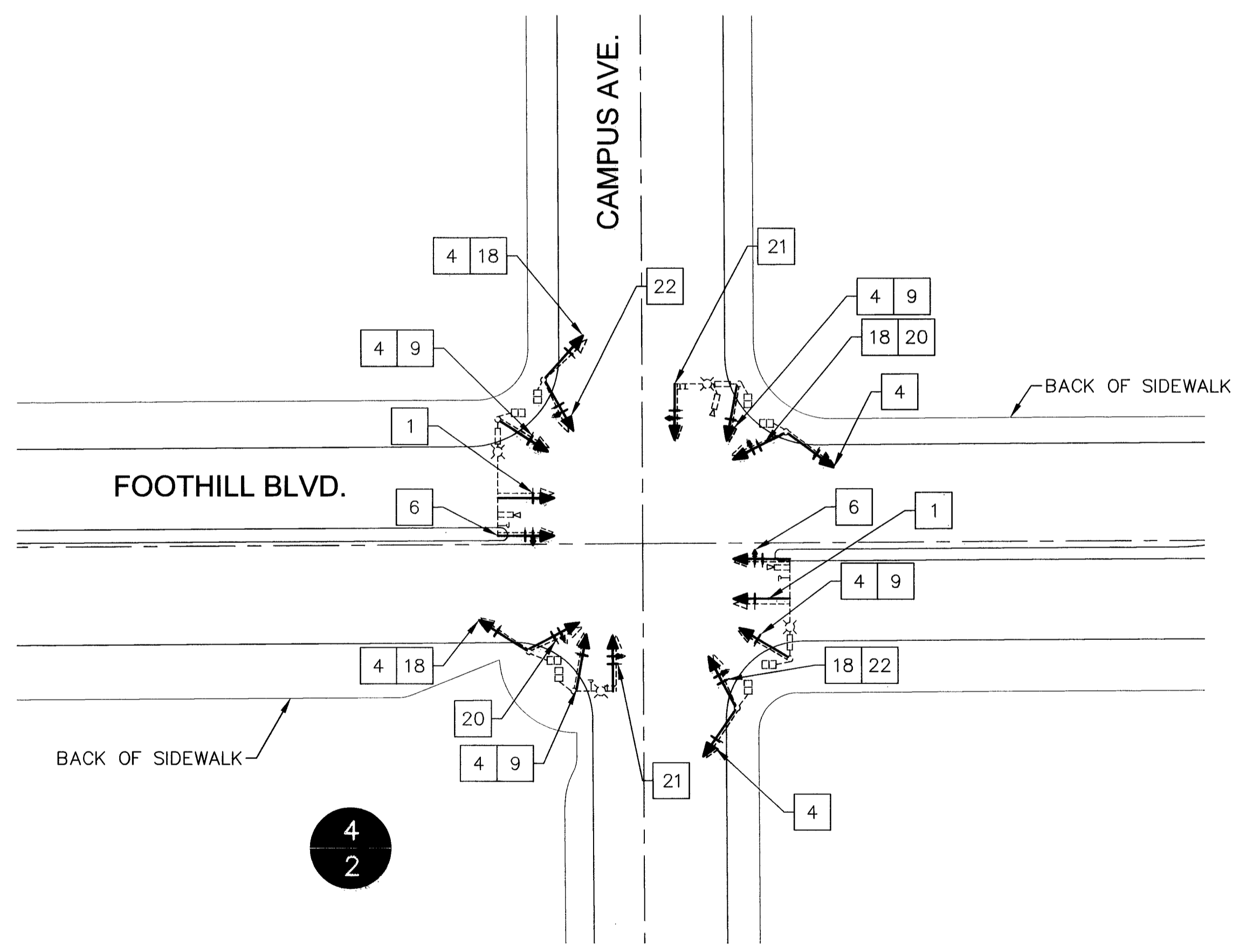
- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 6 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 10 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1 TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 14 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1 TRAFFIC SIGNAL MOUNTING BRACKET.
- 18 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-2-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 20 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 21 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" TYPE MAS-5A SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 22 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.



DRWG NO. SI-3807



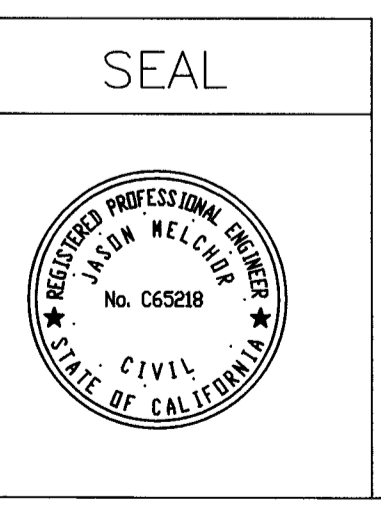
DRWG NO. SI-95-20A



DRWG NO. SI-88-12A

LEGEND:

- X: LOCATION NUMBER
- Y: SHEET NUMBER
- 8": EXISTING 8" SIGNAL HEAD
- C: EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



BENCH MARK NO. LOCATION

ELEV.

REVISIONS				
MARK	DATE	INITIAL	DATE	APP'VD

Kimley-Horn
 ©2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92668
 PHONE: 714-939-1030

PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/3/2025
 JASON MELCHOR DATE

DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:

APPROVED BY:
[Signature] 7/3/25
 DATE

ENGINEERING MANAGER
 R.C.E. 65272 EXP. DATE 9/30/25

RECOMMENDED BY:
[Signature]
 LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND

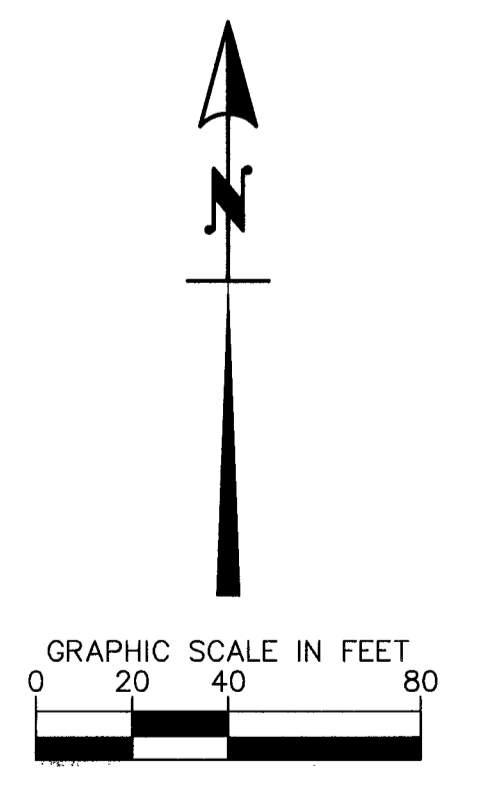
FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT

FOOTHILL BLVD & GROVE AVENUE FOOTHILL BLVD & ALTA AVENUE
 FOOTHILL BLVD & HOSPITAL PKWY FOOTHILL BLVD & CAMPUS AVENUE

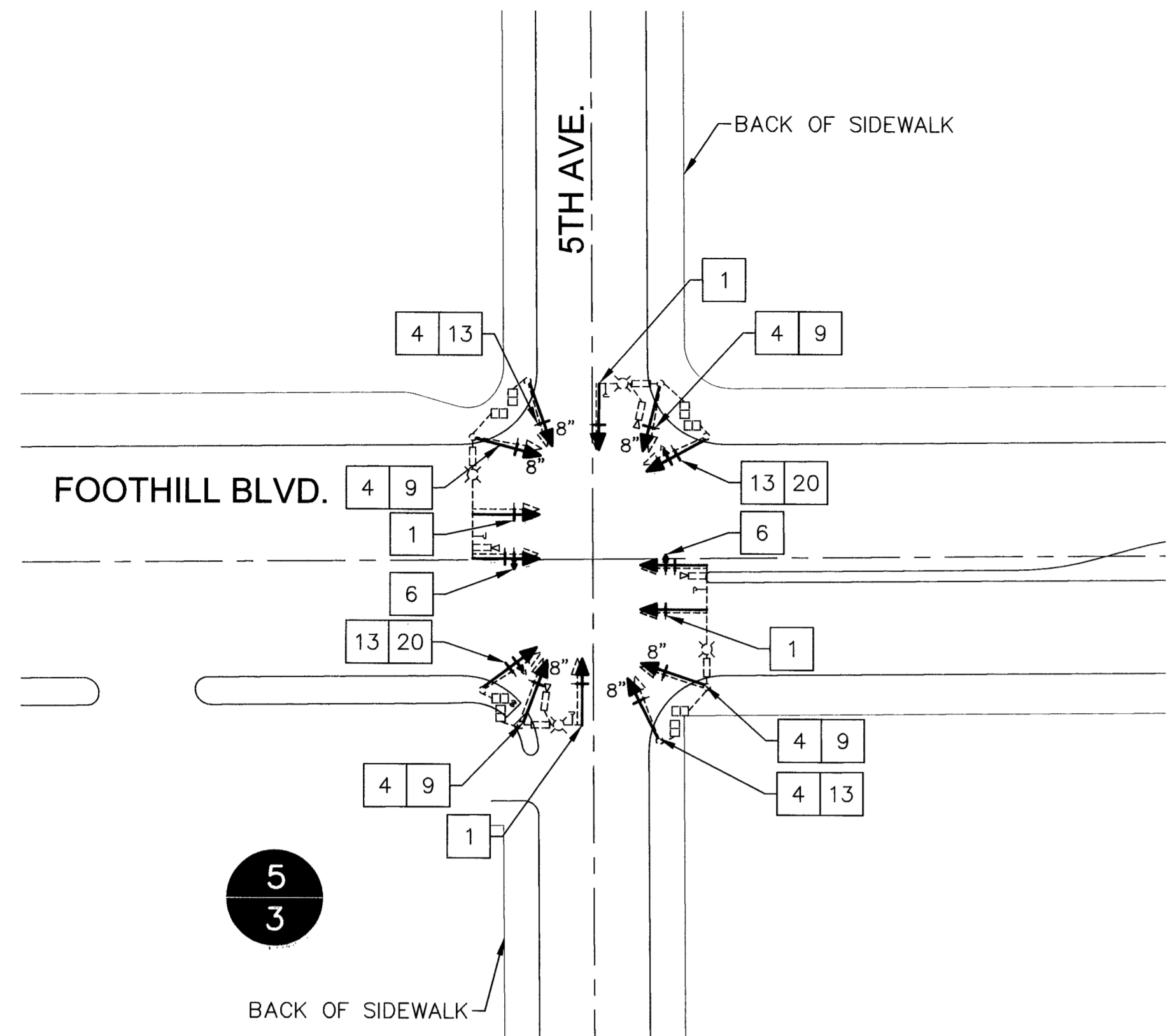
PROJECT NO.
SI-85002

SHEET
2

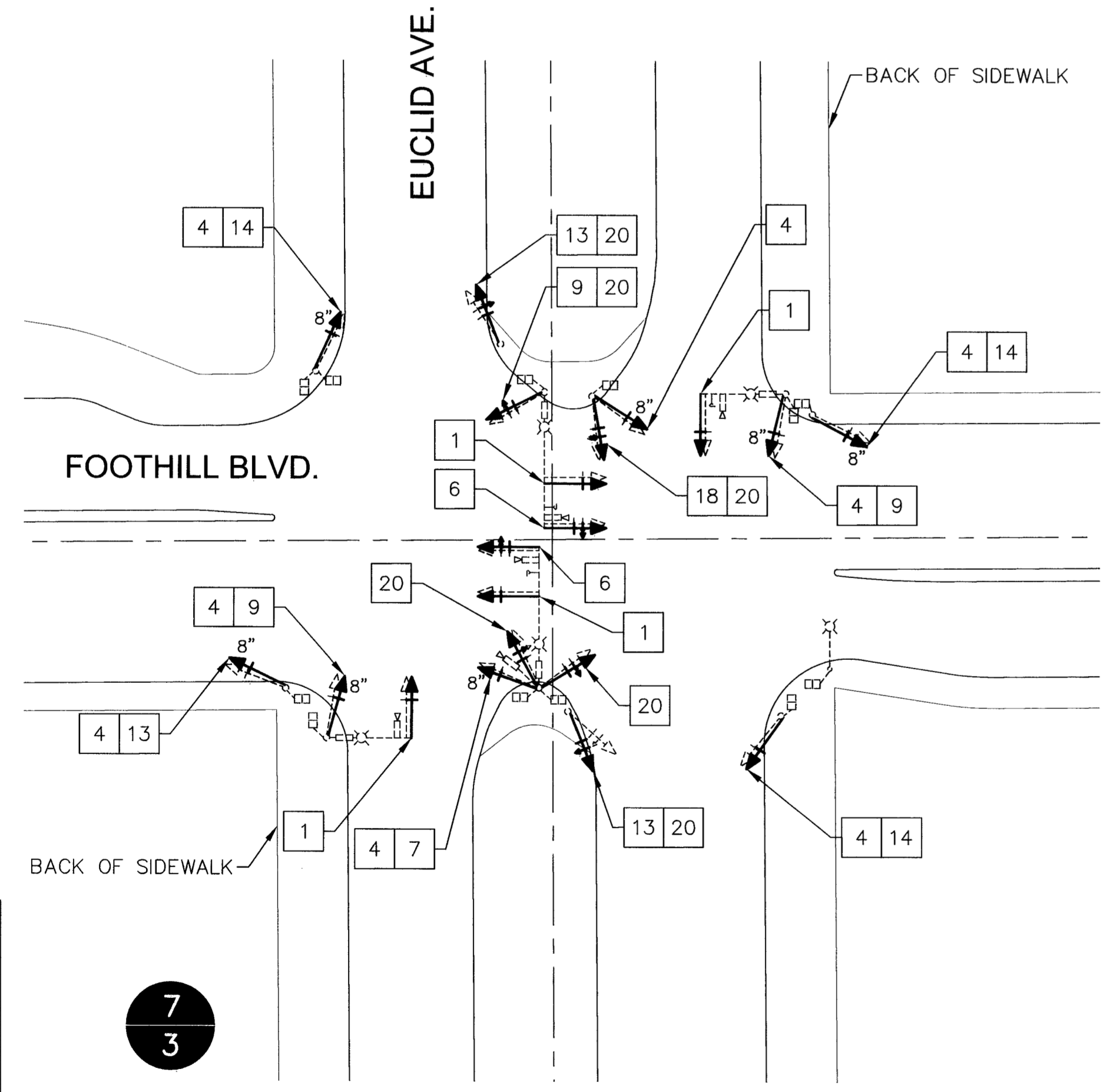
OF 15 SHEETS
DRAWING NO.
SI-85002



K:\WORK\PROJECTS\2023\2023-24\Citywide Traffic Signal Modification Safety Project\Drawings\7/3/2025 3:37 PM - Foothill - Vector
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DRWG NO. SI-3818



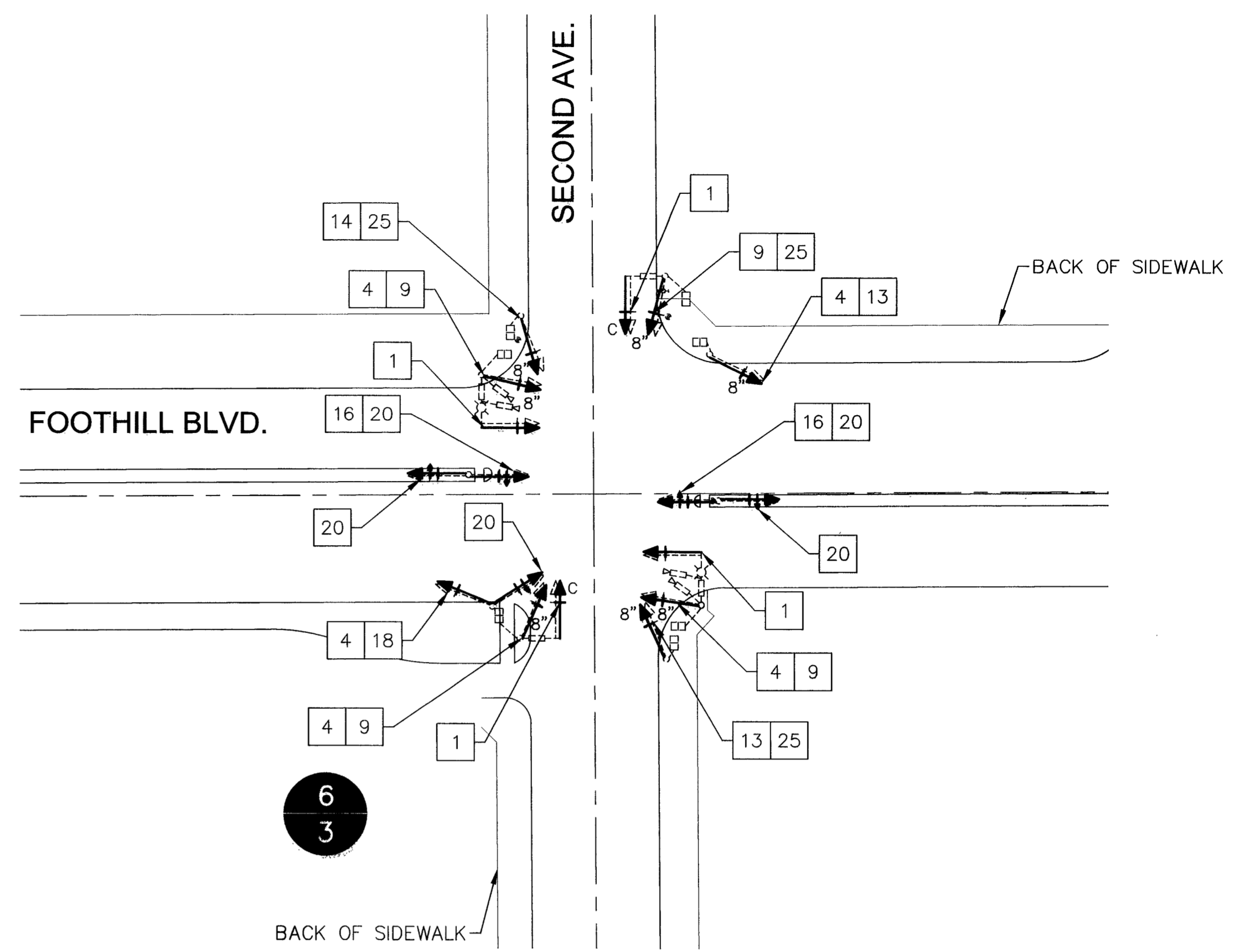
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CONSTRUCTION NOTES:

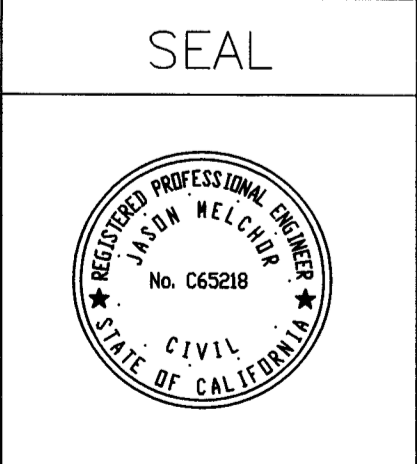
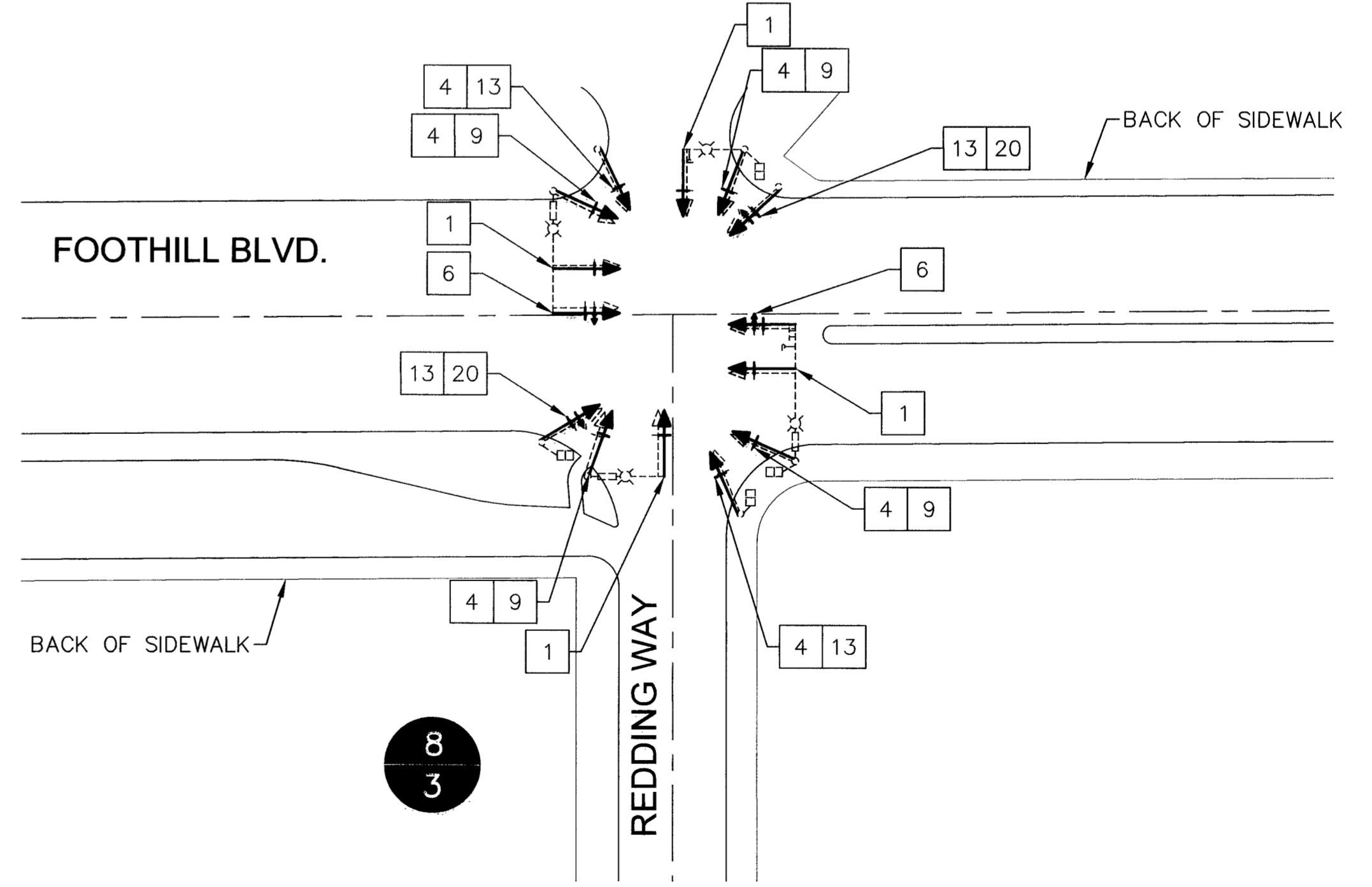
- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 6 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 7 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-3-TA TRAFFIC SIGNAL MOUNTING BRACKET.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 14 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1 TRAFFIC SIGNAL MOUNTING BRACKET.
- 16 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL MAS TRAFFIC SIGNAL MOUNTING BRACKET.
- 18 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-2-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 20 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 25 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LOUVERED GREEN INDICATION ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.

LEGEND:

- X LOCATION NUMBER
- Y SHEET NUMBER
- 8" EXISTING 8" SIGNAL HEAD
- C EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



DRWG NO. SI-3835



BENCH MARK NO. LOCATION
ELEV.

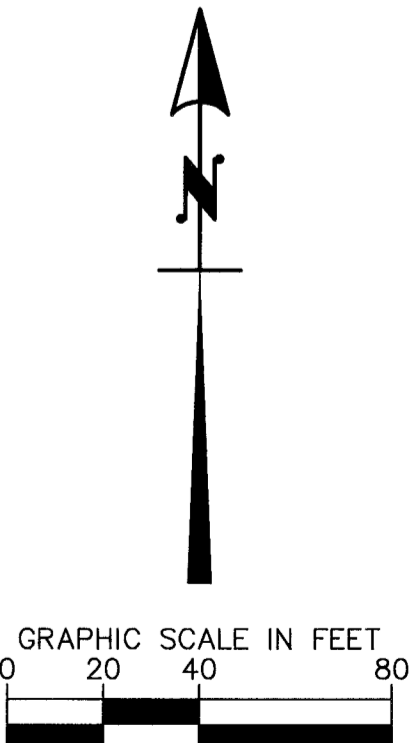
MARK	DATE	INITIAL	DATE	APP'VD

Kimley-Horn
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92668
 PHONE: 714-939-1030
 PLANS PREPARED UNDER THE SUPERVISION OF:
 Jason Melchor 7/3/2025
 JASON MELCHOR DATE

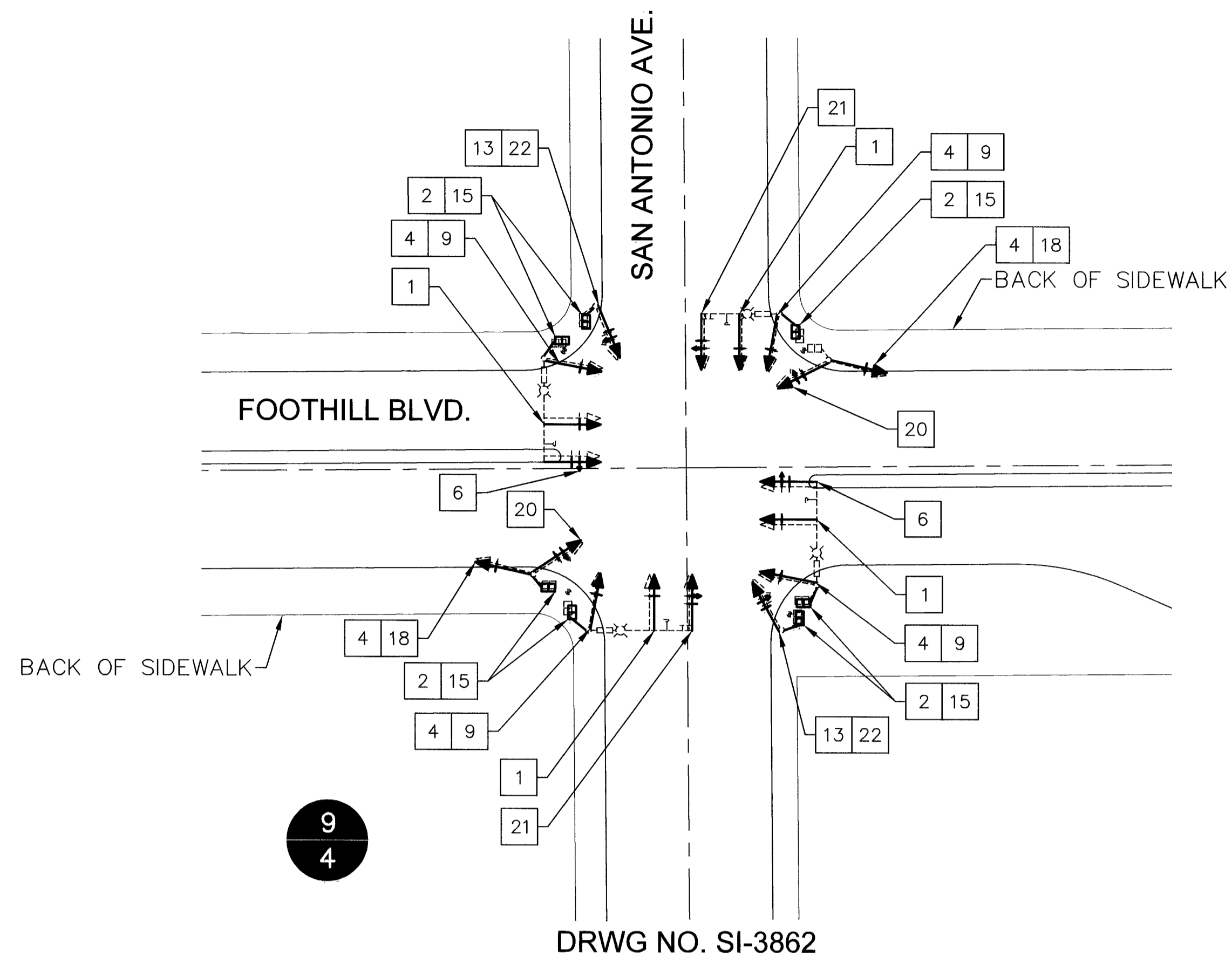
DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:
 APPROVED BY:
 ENGINEERING MANAGER R.C.E. 65272 EXP. DATE 9/30/25 DATE 7/3/25
 RECOMMENDED BY: RECOMMENDED BY:
 ENGINEERING STAFF LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT
 FOOTHILL BLVD & 5TH AVENUE
 FOOTHILL BLVD & EUCLID AVENUE
 FOOTHILL BLVD & SECOND AVENUE
 FOOTHILL BLVD & REDDING WAY

PROJECT NO. SI-85002
 SHEET 3
 OF 15 SHEETS
 DRAWING NO. SI-85002

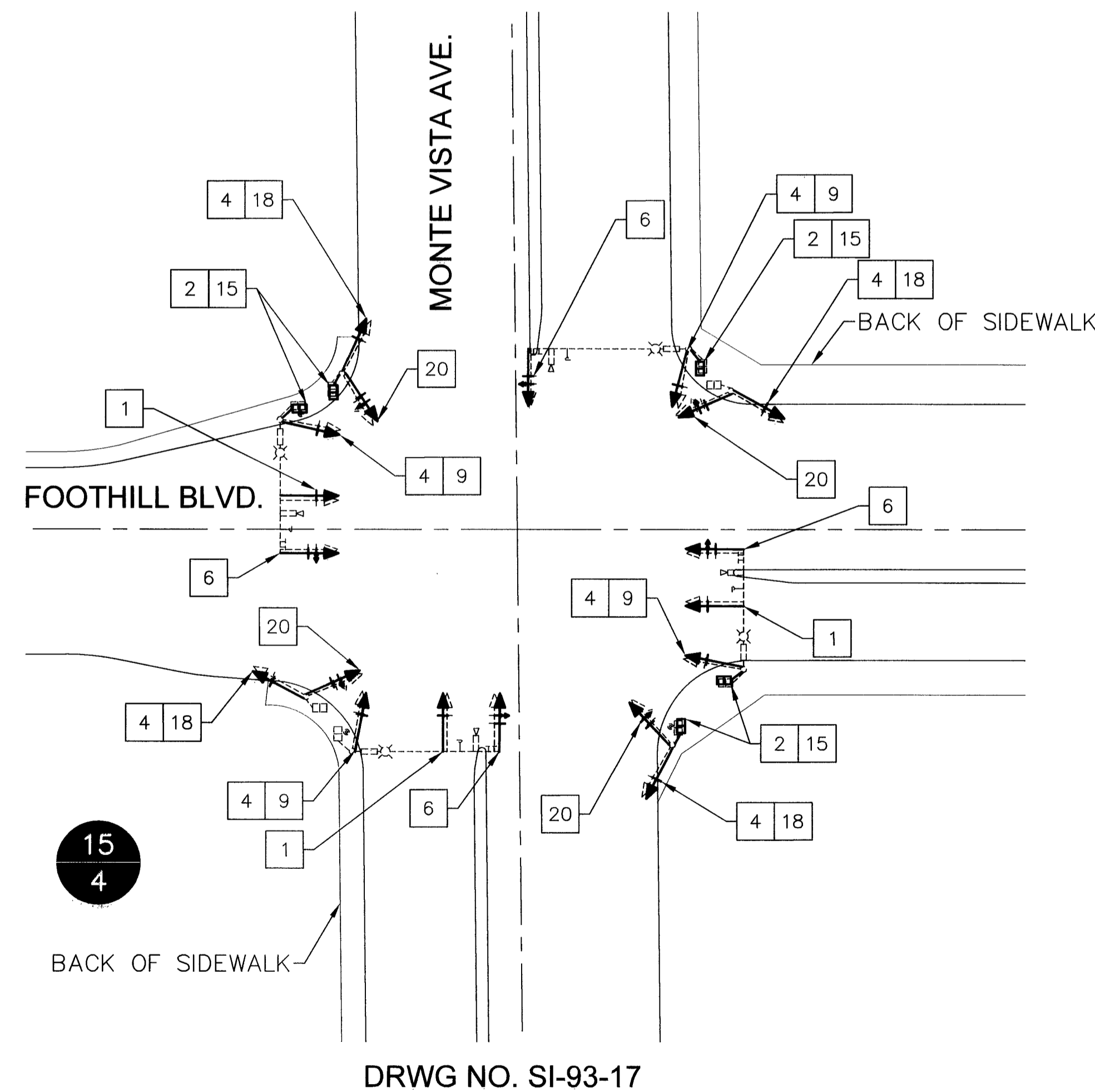
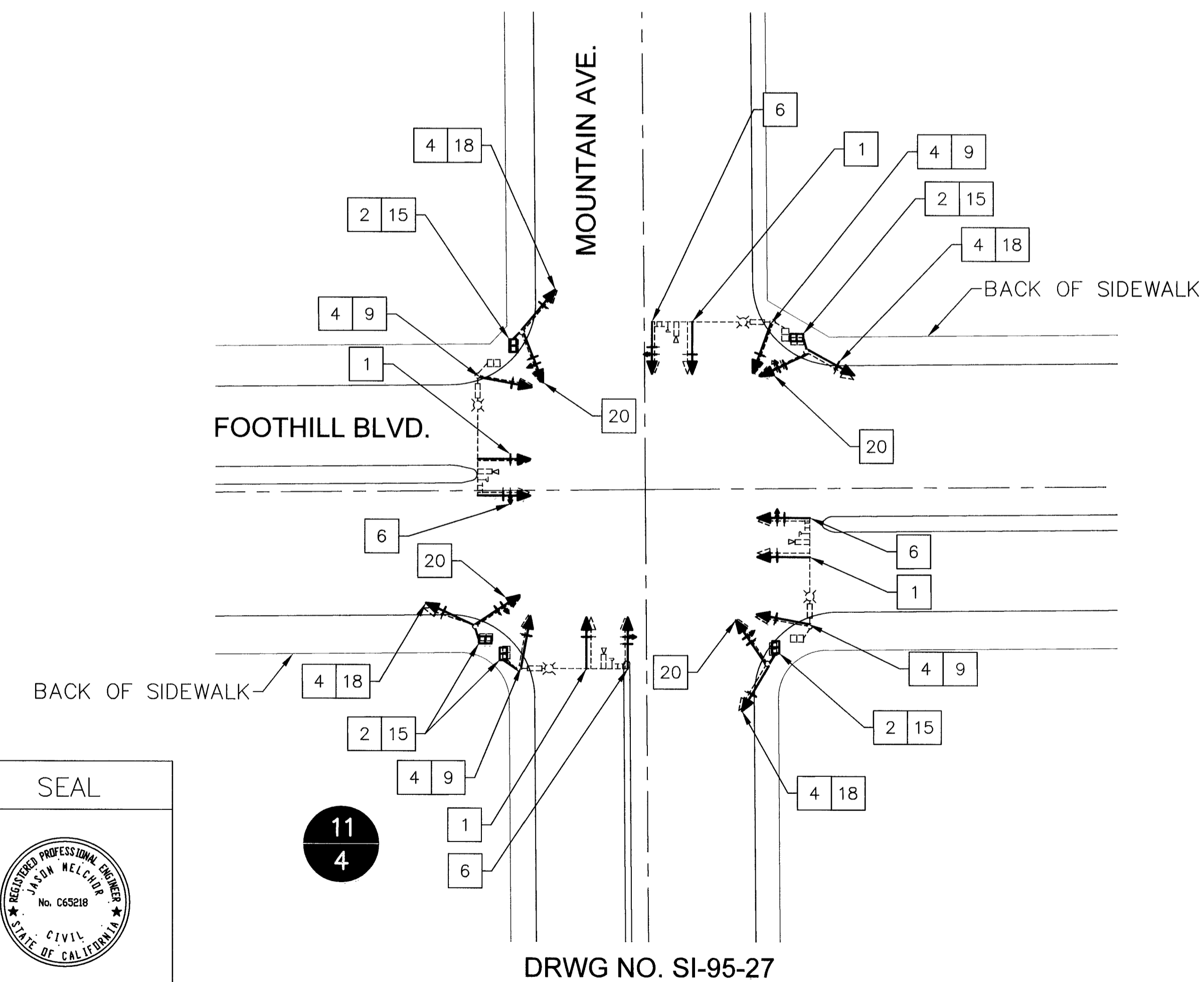
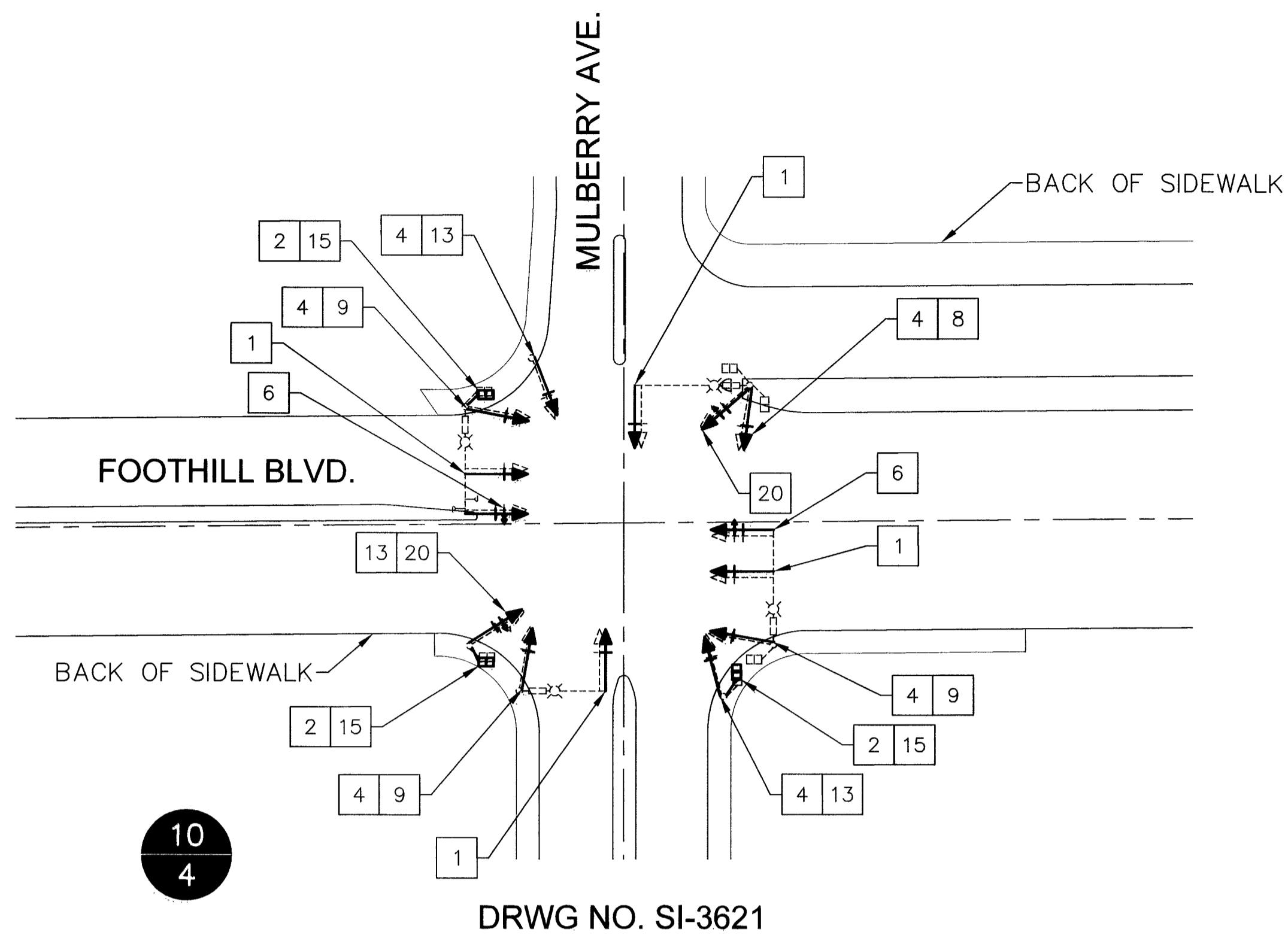


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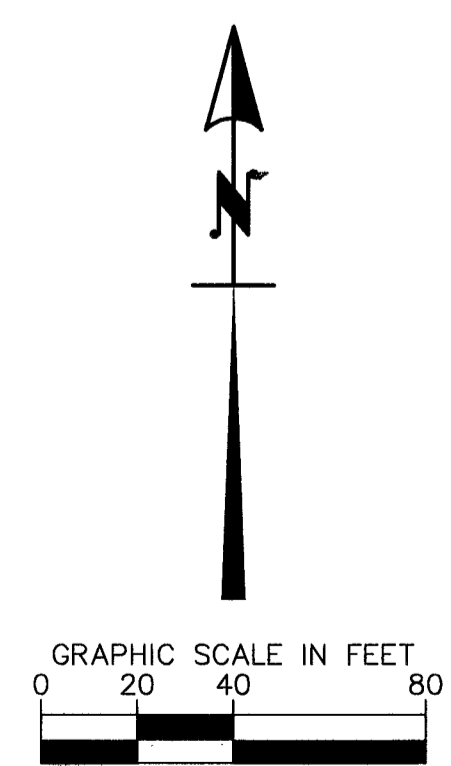
CONSTRUCTION NOTES:

- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 2 REMOVE AND DISPOSE OF EXISTING NON-COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET. FURNISH AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET PER SPECIAL PROVISIONS. REUSE EXISTING SIGNAL WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 6 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 8 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-2-TA TRAFFIC SIGNAL MOUNTING BRACKET.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 18 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-2-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 20 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 21 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" TYPE MAS-5A SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 22 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.

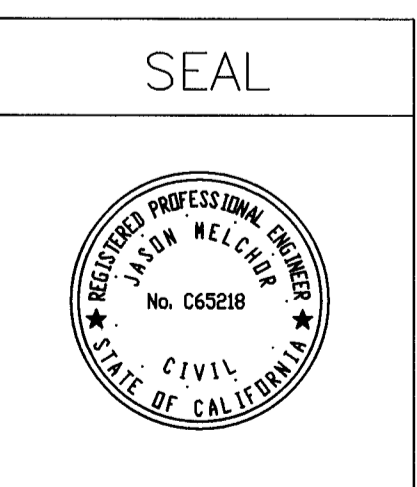


LEGEND:

- X: LOCATION NUMBER
- Y: SHEET NUMBER
- 8": EXISTING 8" SIGNAL HEAD
- C: EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



K:\GPA_IP\1942707001 - Upland HSRI-51471016 - Citywide Traffic Signal Design\CADD\Plan Sheets\02-TS-Foothill Blvd.dwg: 7/2/2025 3:39 PM: Paddlers_kara



BENCH MARK NO. LOCATION

ELEV.

MARK	DATE	INITIAL

REVISIONS

MARK	DATE	INITIAL	DATE	APP'VD

Kimley»Horn

©2024 KIMLEY-HORN AND ASSOCIATES, INC.
1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92868
PHONE: 714-939-1030

PLANS PREPARED UNDER THE SUPERVISION OF:

Jason Melchor 7/3/2025
JASON MELCHOR DATE

DRAWN BY: KP

DESIGNED BY: CA

CHECKED BY: JM

RECOMMENDED BY:

APPROVED BY:

ENGINEERING MANAGER
R.C.E. 65272 EXP. DATE 9/30/25 DATE 7/31/25

RECOMMENDED BY: *Harry Pan*
LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND

FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT

FOOTHILL BLVD & SAN ANTONIO AVENUE FOOHILL BLVD & MULBERRY AVENUE
FOOTHILL BLVD & MOUNTAIN AVENUE FOOHILL BLVD & MONTE VISTA AVENUE

PROJECT NO. SI-85002

SHEET 4

OF 15 SHEETS

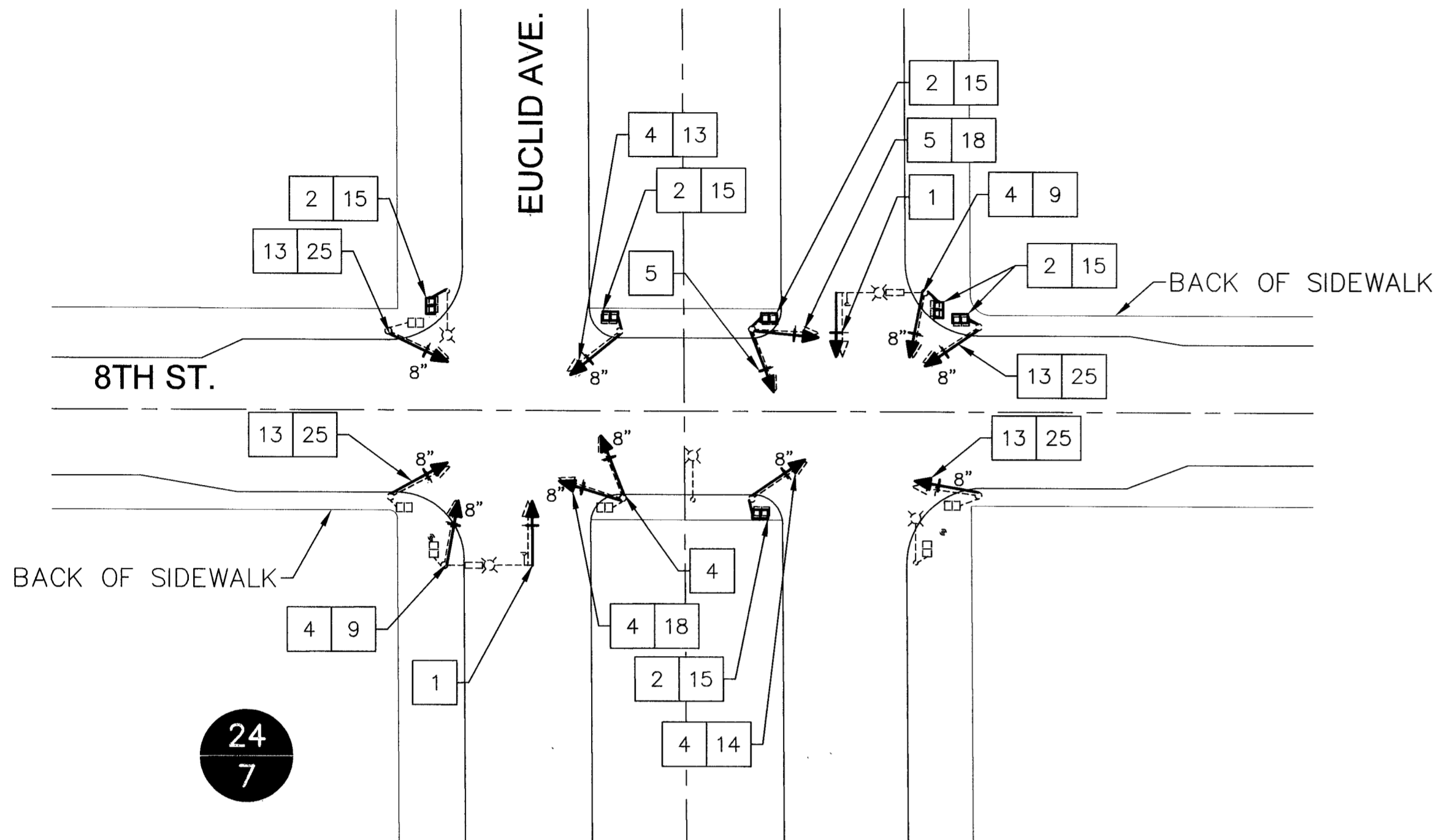
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CONSTRUCTION NOTES:

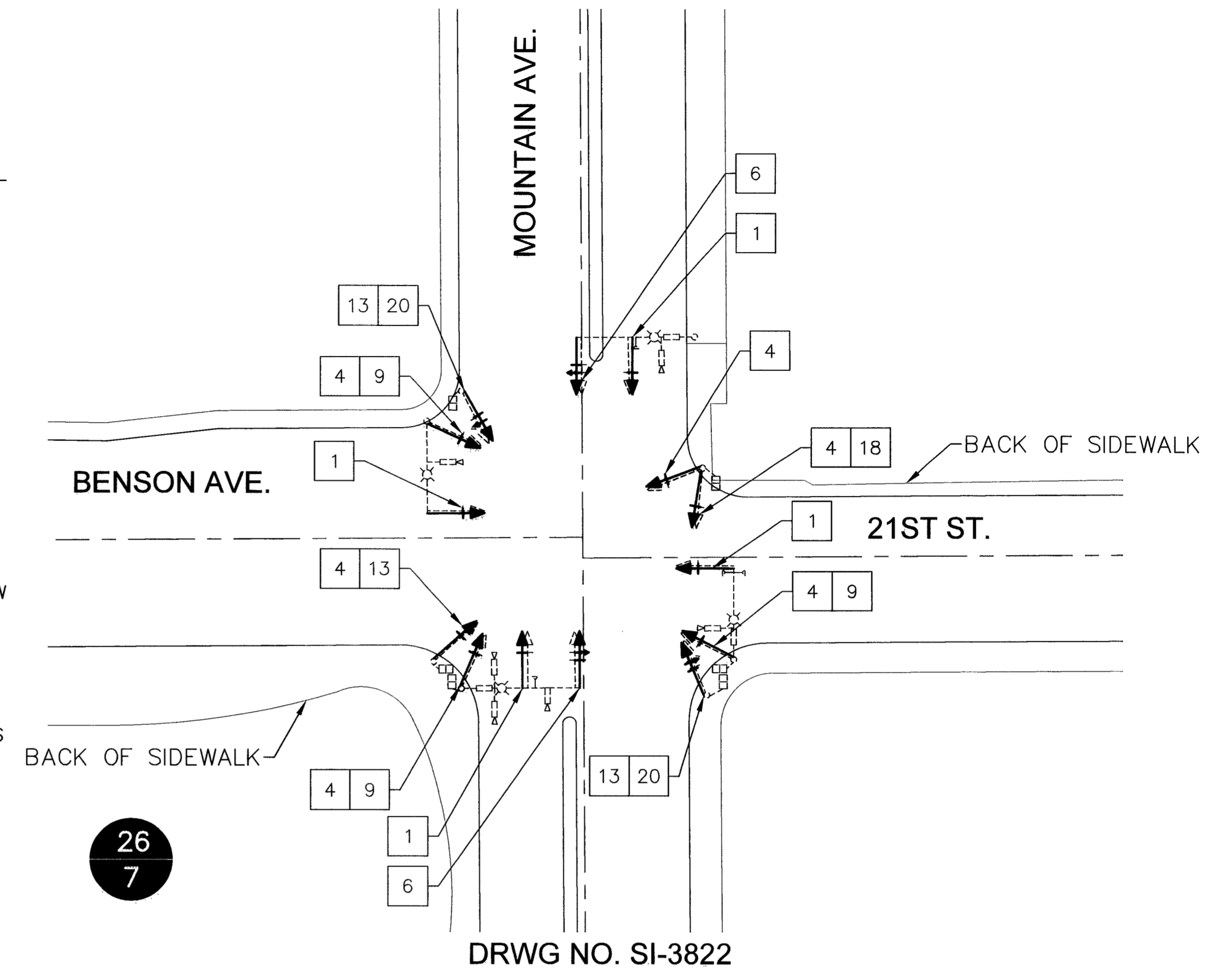
- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 2 REMOVE AND DISPOSE OF EXISTING NON-COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET. FURNISH AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET PER SPECIAL PROVISIONS. REUSE EXISTING SIGNAL WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 5 REMOVE AND SALVAGE EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 6 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 14 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1 TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 18 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-2-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 20 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 25 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LOUVERED GREEN INDICATION ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.

LEGEND:

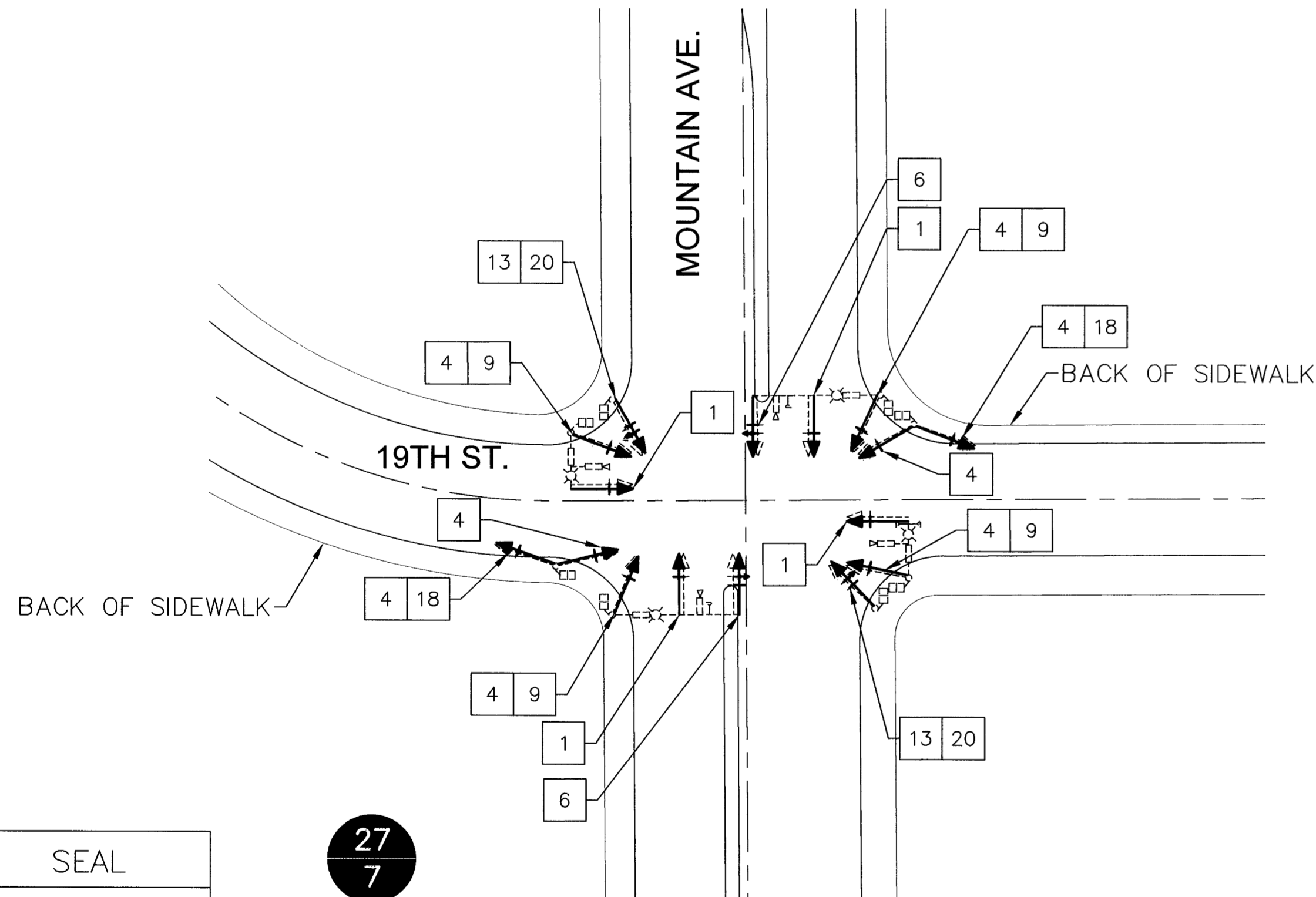
- X LOCATION NUMBER
- Y SHEET NUMBER
- 8" EXISTING 8" SIGNAL HEAD
- C EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



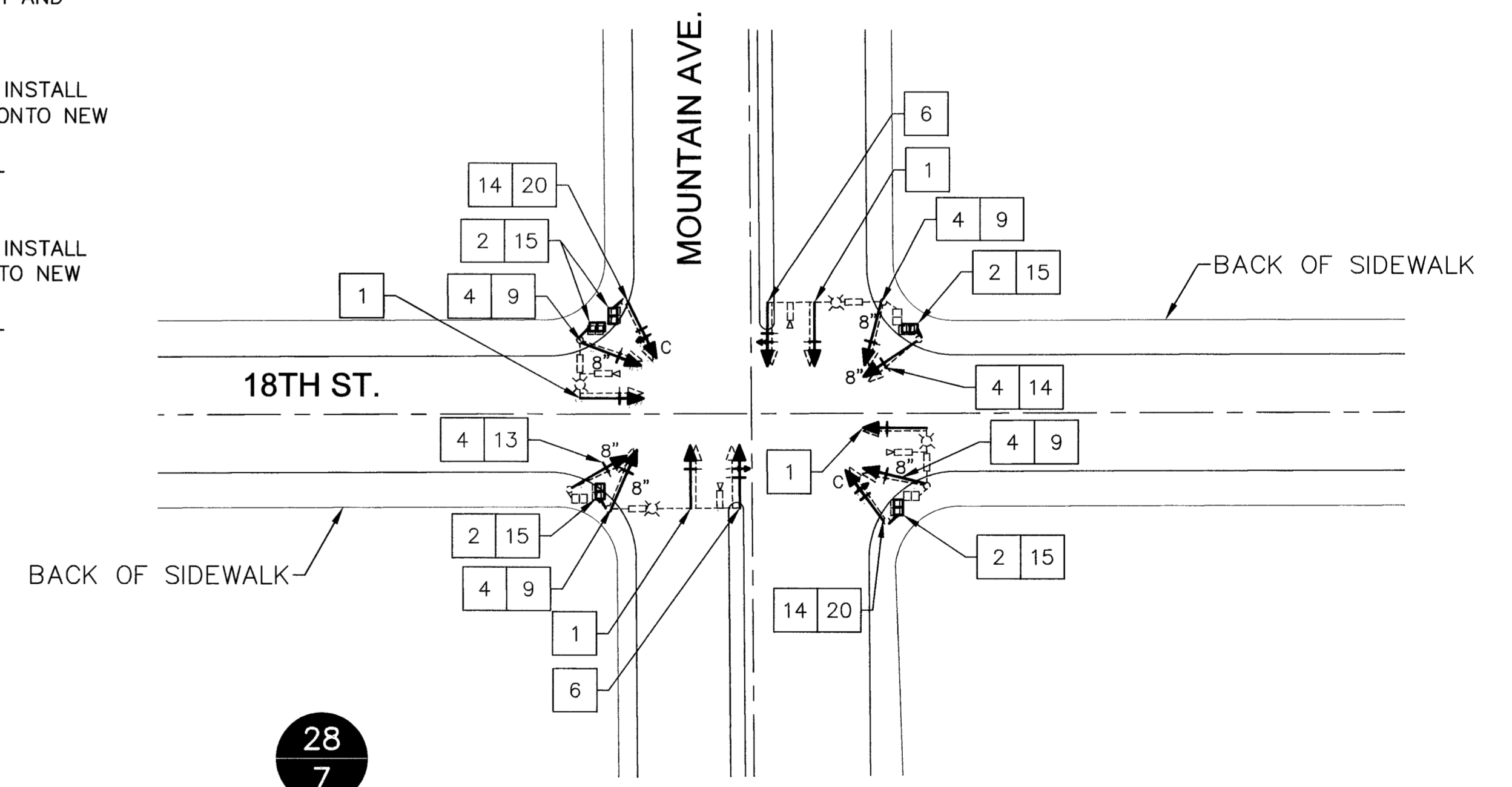
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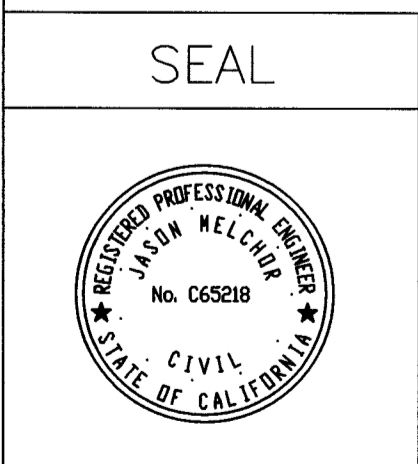
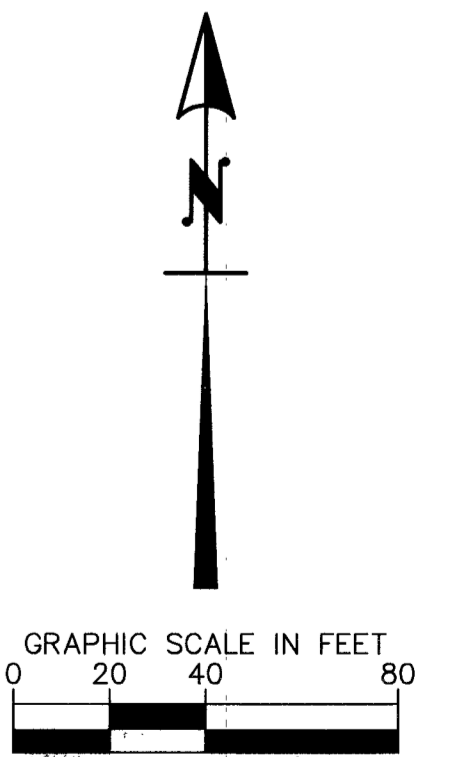
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DRWG NO. SI-3646



DRWG NO. SI-3801



BENCH MARK NO.
LOCATION

ELEV.

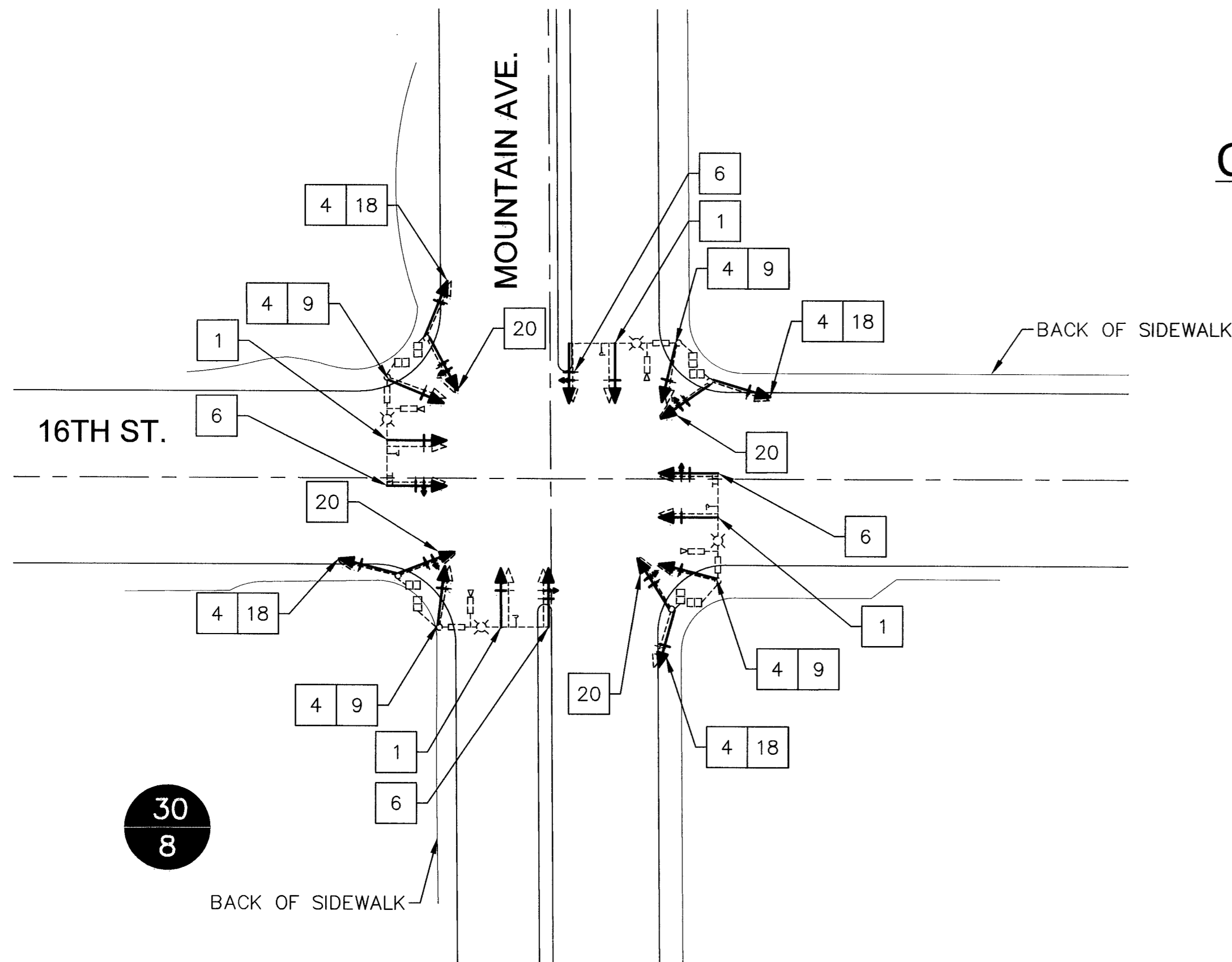
MARK	DATE	INITIAL	DATE	APP'VD

Kimley-Horn
 ©2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92668
 PHONE: 714-939-1030
 PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/3/2025
 JASON MELCHOR DATE

DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:
 APPROVED BY:
Henry Pan 7/21/25
 DATE
 ENGINEERING MANAGER
 R.C.E. 65276 EXP. DATE 9/30/25
 RECOMMENDED BY:
 HENRY PAN
 LAND DEVELOPMENT & TRANSPORTATION
 ENGINEERING STAFF

CITY OF UPLAND
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT
 EUCLID AVENUE & 8TH STREET MOUNTAIN AVENUE & BENSON AVENUE/21ST STREET
 MOUNTAIN AVENUE & 19TH STREET MOUNTAIN AVENUE & 18TH STREET

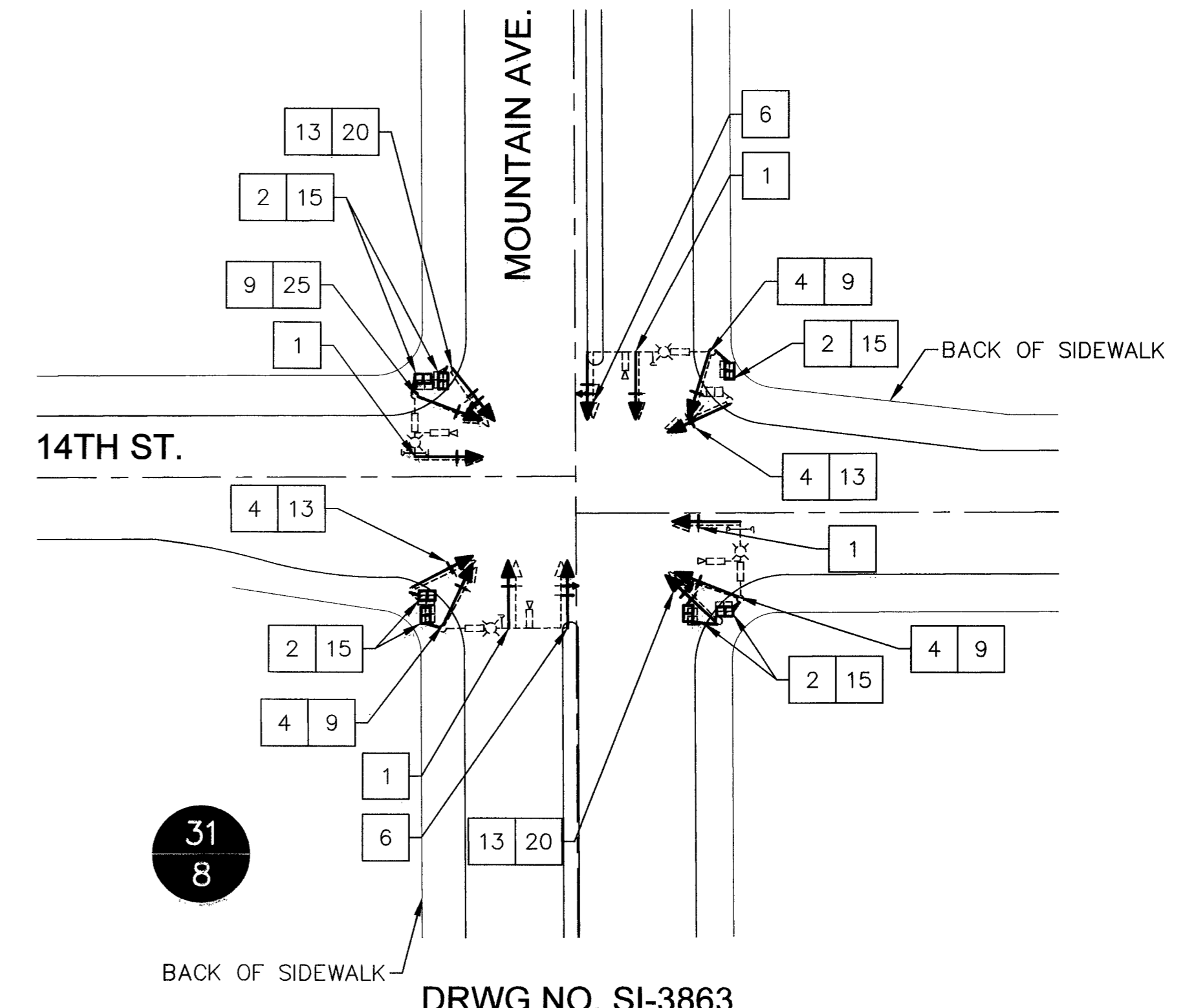
PROJECT NO.
SI-85002
 SHEET
7
 OF 15 SHEETS
 DRAWING NO.
SI-85002



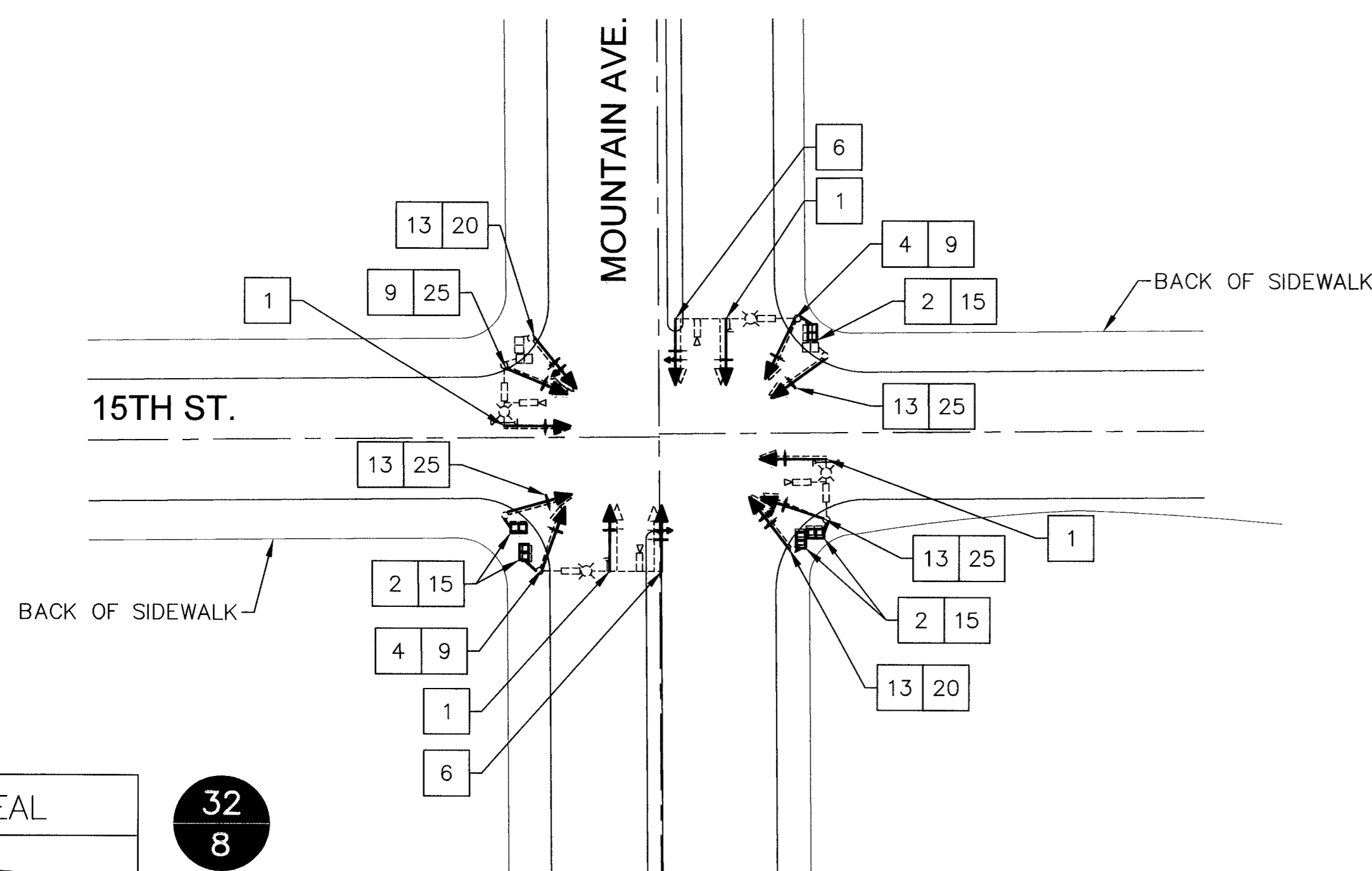
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CONSTRUCTION NOTES:

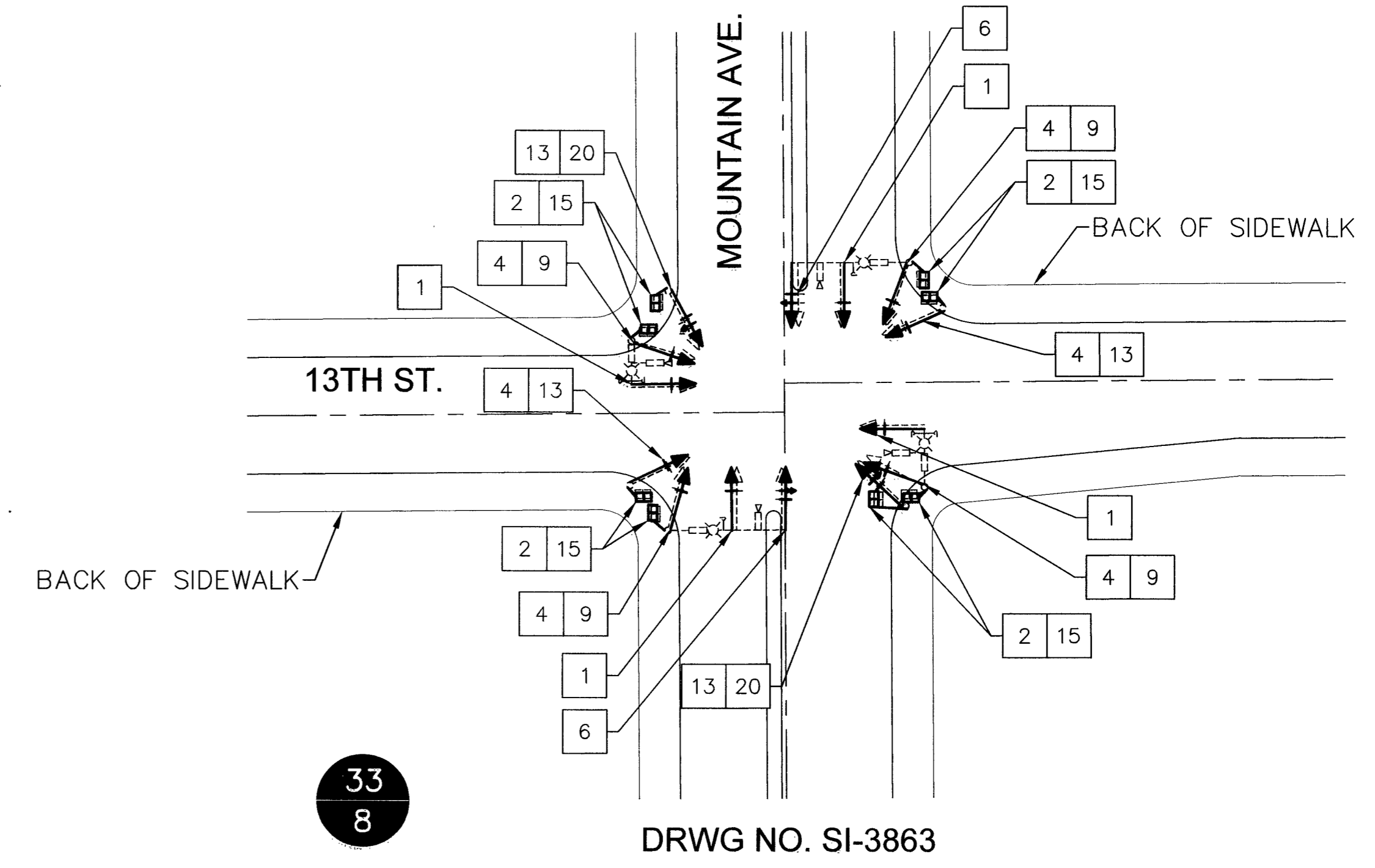
- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 2 REMOVE AND DISPOSE OF EXISTING NON-COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET. FURNISH AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET PER SPECIAL PROVISIONS. REUSE EXISTING SIGNAL WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 6 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 18 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-2-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 20 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 25 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LOUVERED GREEN INDICATION ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.



DRWG NO. SI-3863



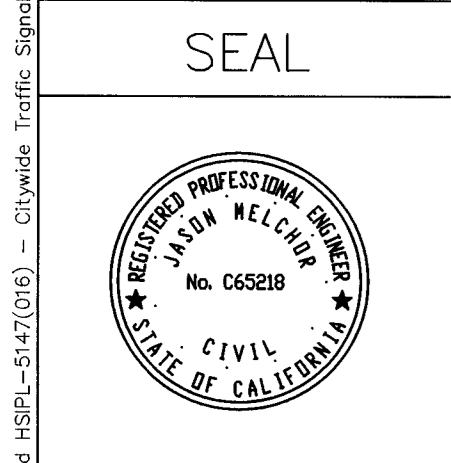
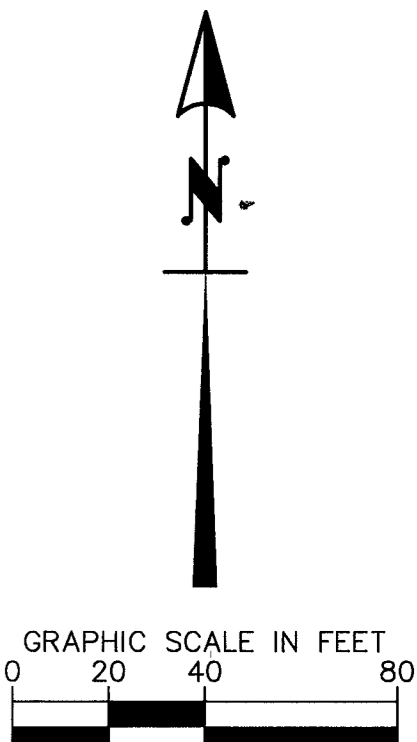
DRWG NO. SI-3863



DRWG NO. SI-3863

LEGEND:

- X LOCATION NUMBER
- Y SHEET NUMBER
- 8" EXISTING 8" SIGNAL HEAD
- C EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



BENCH MARK NO.
LOCATION
ELEV.

MARK	DATE	INITIAL	DATE	APP'VD

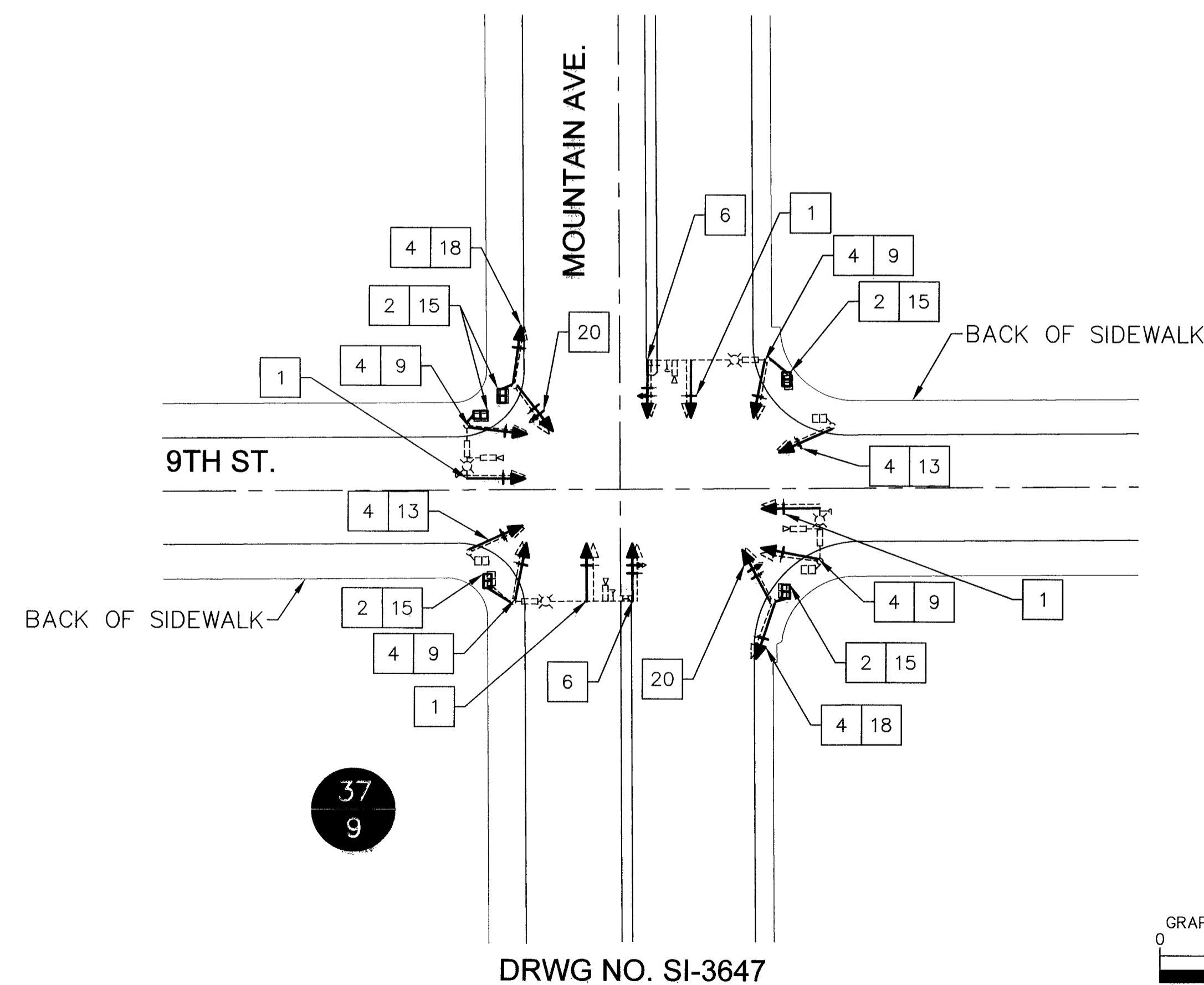
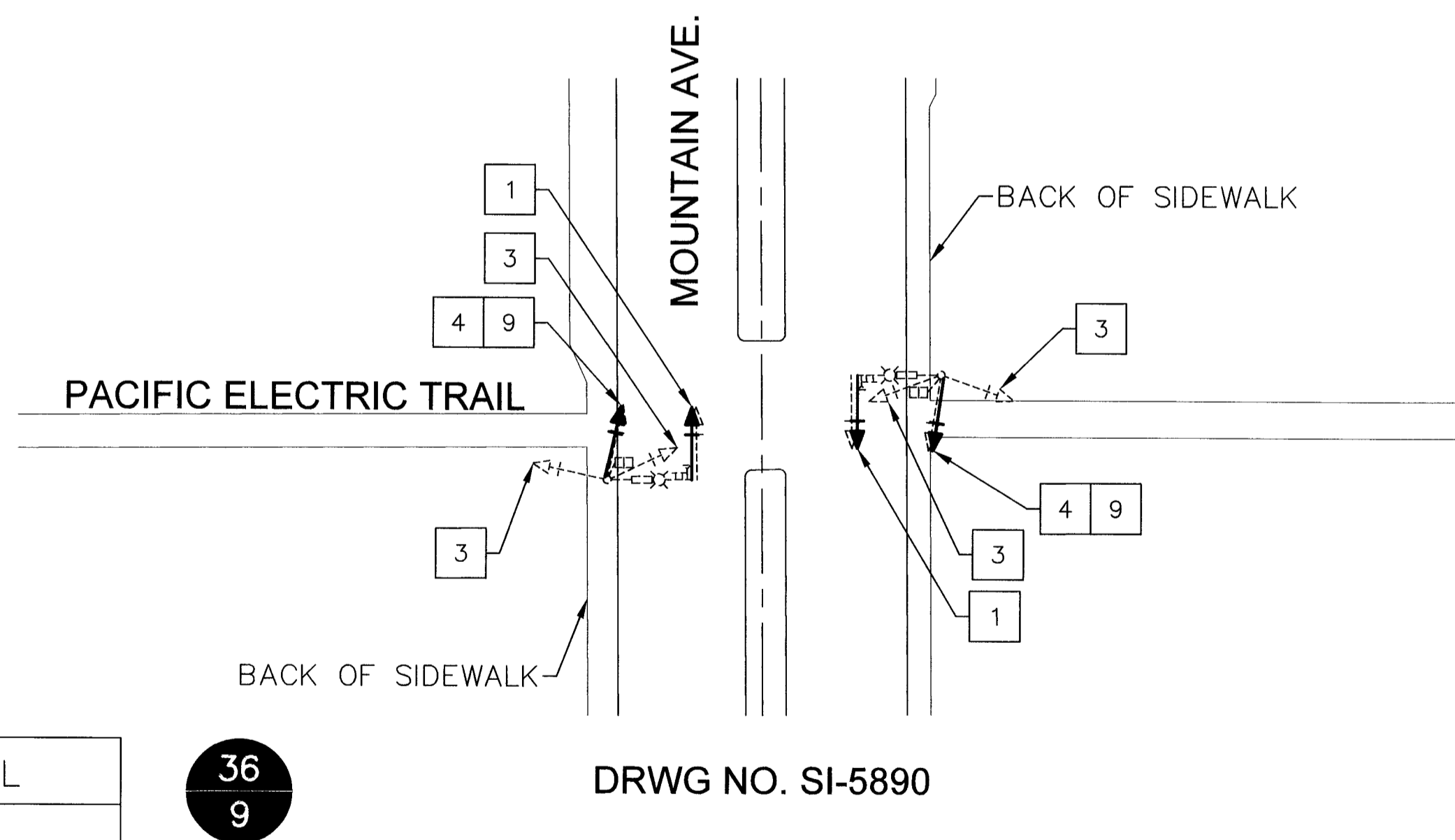
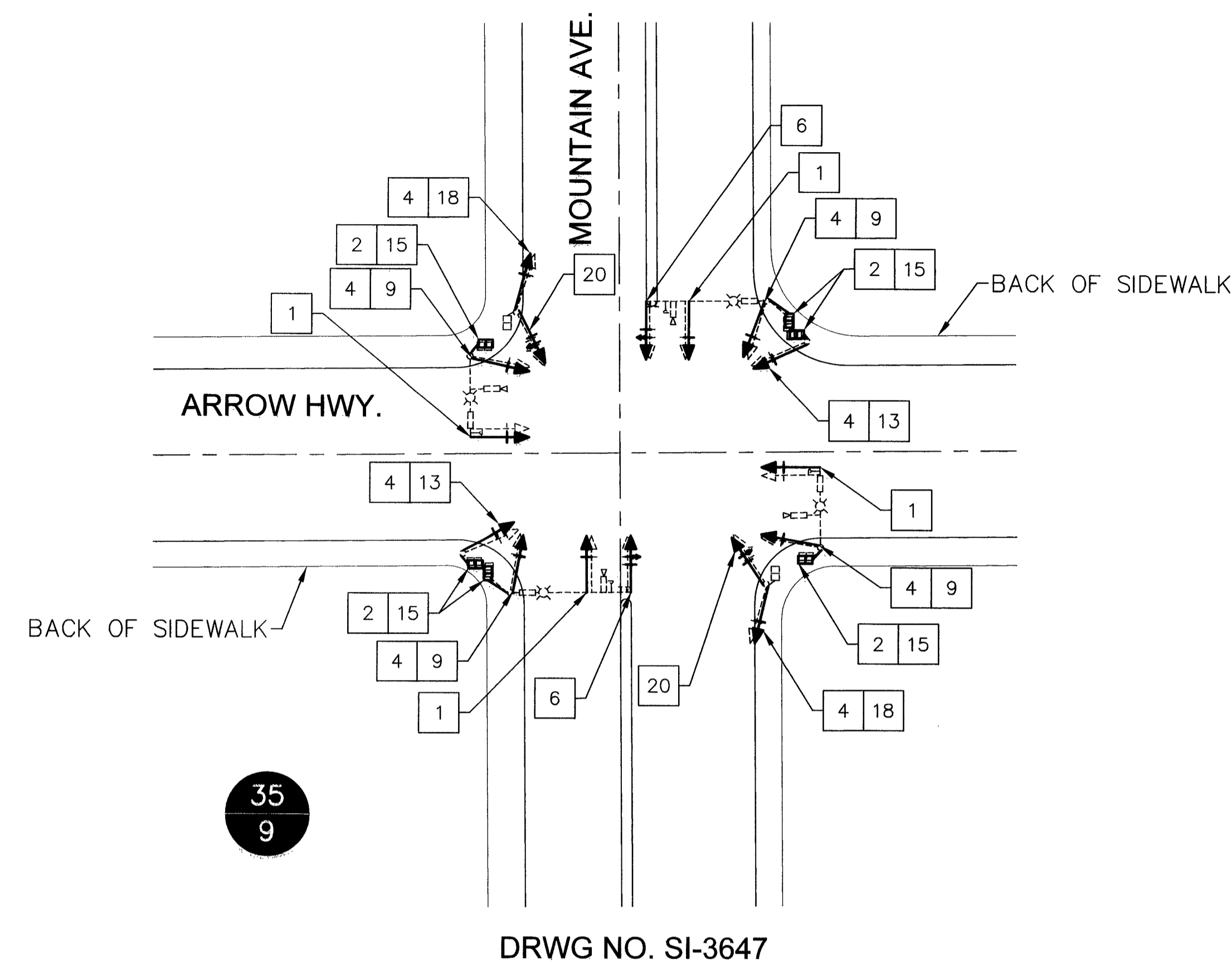
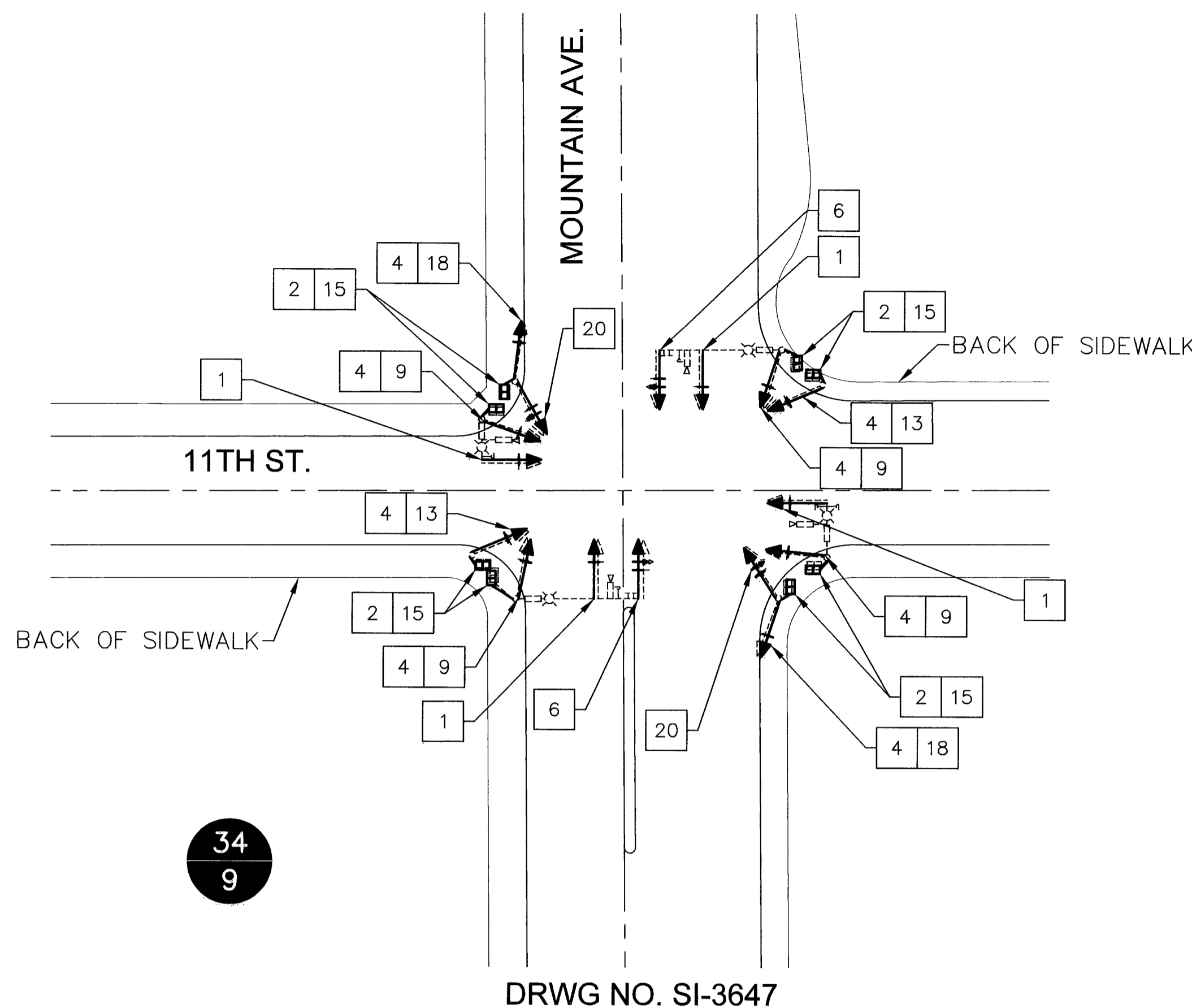
Kimley-Horn
 ©2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92668
 PHONE: 714-939-1030
 PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/3/2025
 JASON MELCHOR DATE

DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:
 APPROVED BY:
 ENGINEERING MANAGER
 R.C.E. 65272 EXP. DATE 9/30/25
 RECOMMENDED BY:
 ENGINEERING STAFF
 LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT
 MOUNTAIN AVENUE & 16TH ST
 MOUNTAIN AVENUE & 14TH STREET
 MOUNTAIN AVENUE & 15TH ST
 MOUNTAIN AVENUE & 13TH STREET
 PROJECT NO. SI-85002
 SHEET 8 OF 15 SHEETS
 DRAWING NO. SI-85002

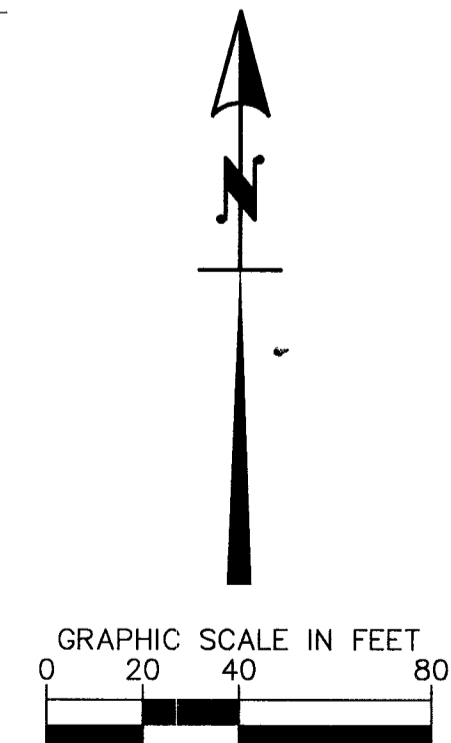
CONSTRUCTION NOTES:

- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 2 REMOVE AND DISPOSE OF EXISTING NON-COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET. FURNISH AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET PER SPECIAL PROVISIONS. REUSE EXISTING SIGNAL WIRES.
- 3 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD AND EXISTING MOUNTING BRACKET.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 6 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 18 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-2-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 20 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.

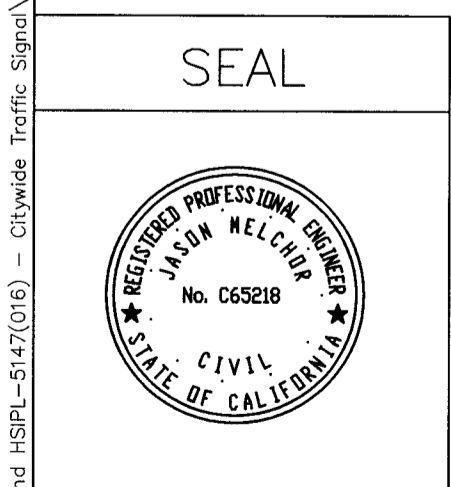


LEGEND:

- X: LOCATION NUMBER
- Y: SHEET NUMBER
- 8": EXISTING 8" SIGNAL HEAD
- C: EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



C:\SRA_170\194207001 - Upland Traffic Signal Design\CADD\Plan Sheets\4-TS-Mountain Ave.dwg: 7/3/2025 9:42 PM: Popodero, Kairo



BENCH MARK NO. LOCATION
ELEV.

MARK	DATE	INITIAL	DATE	APP'VD

Kimley»Horn
 ©2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92868
 PHONE: 714-939-1030
 PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/3/2025
 JASON MELCHOR DATE

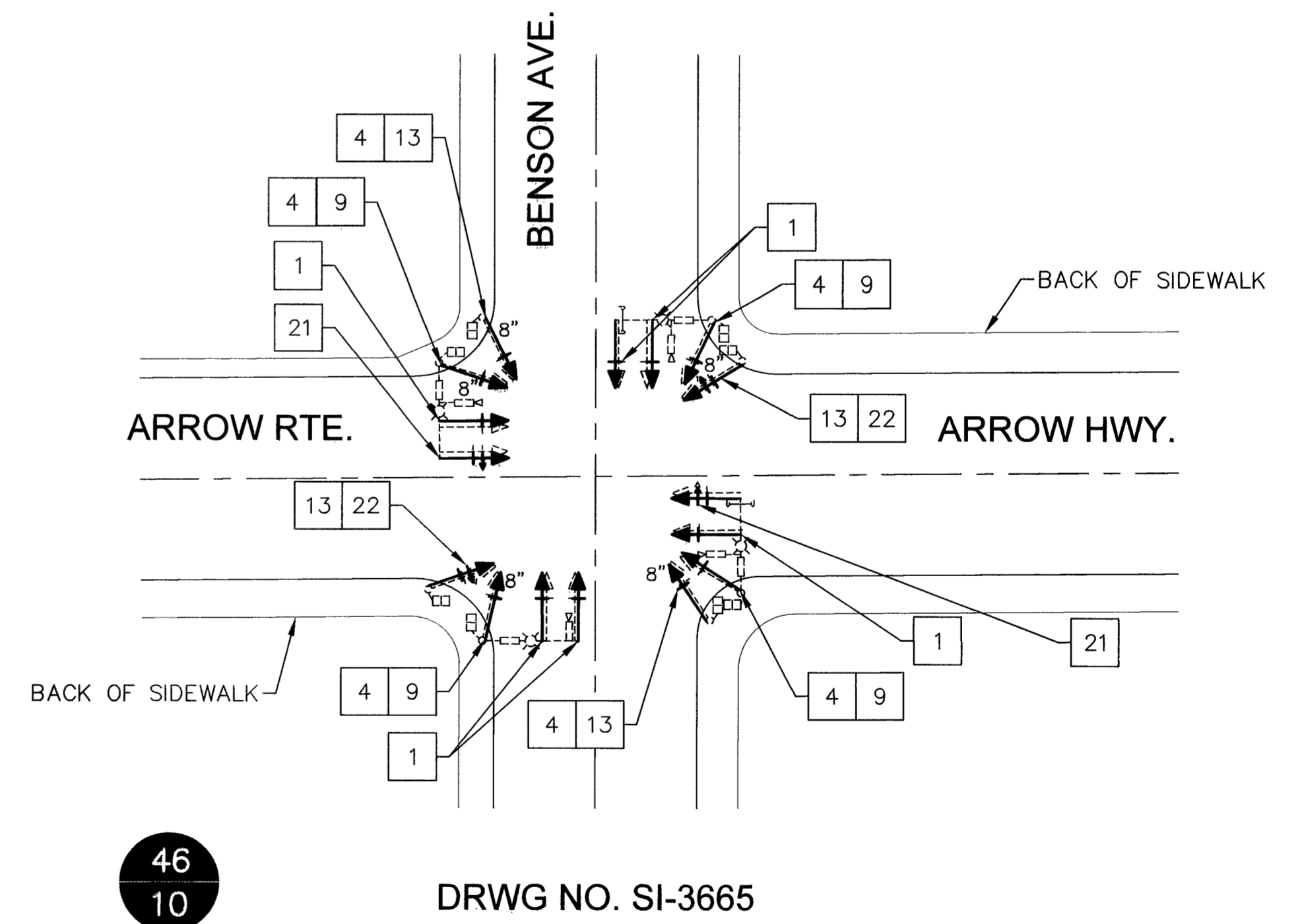
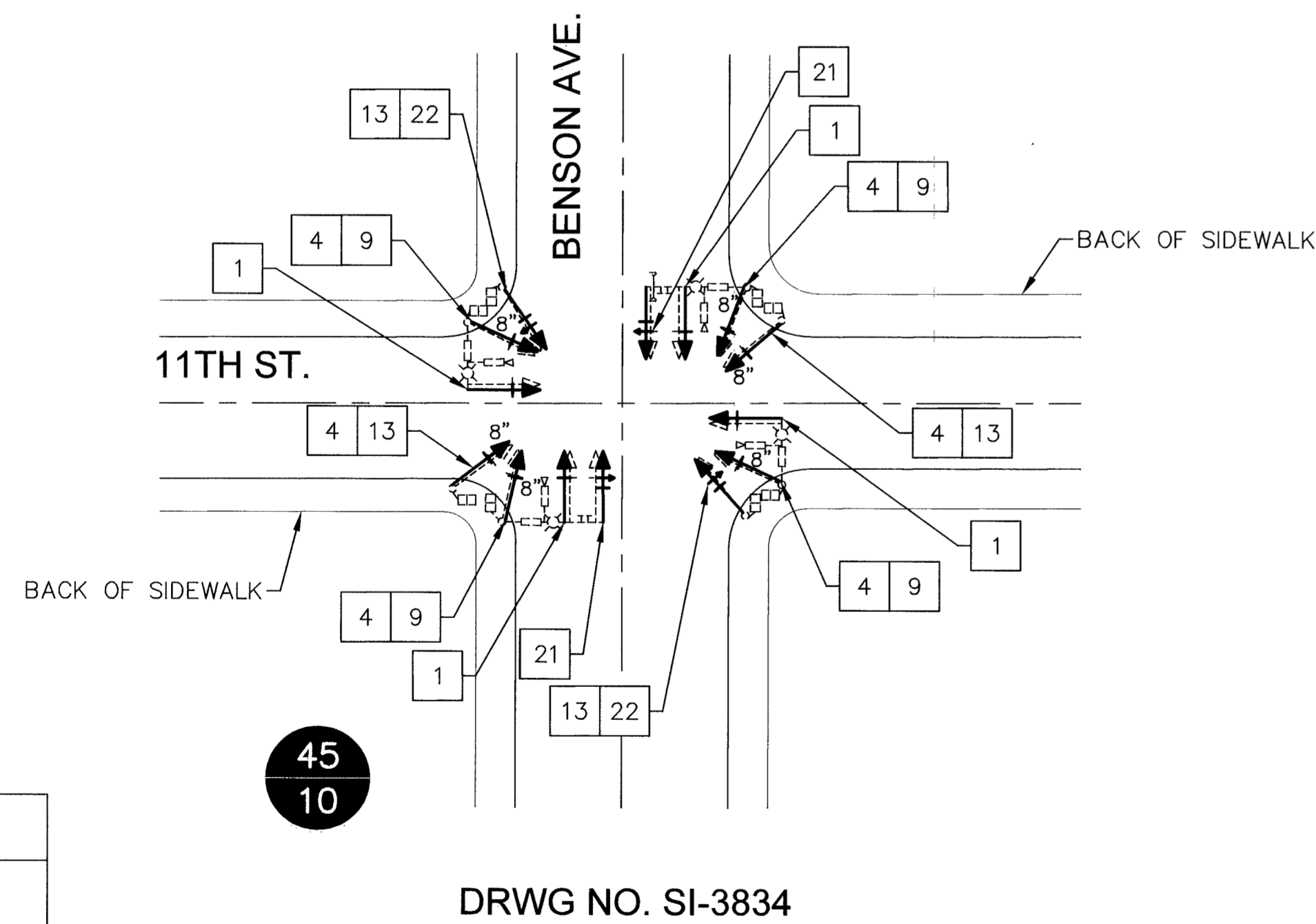
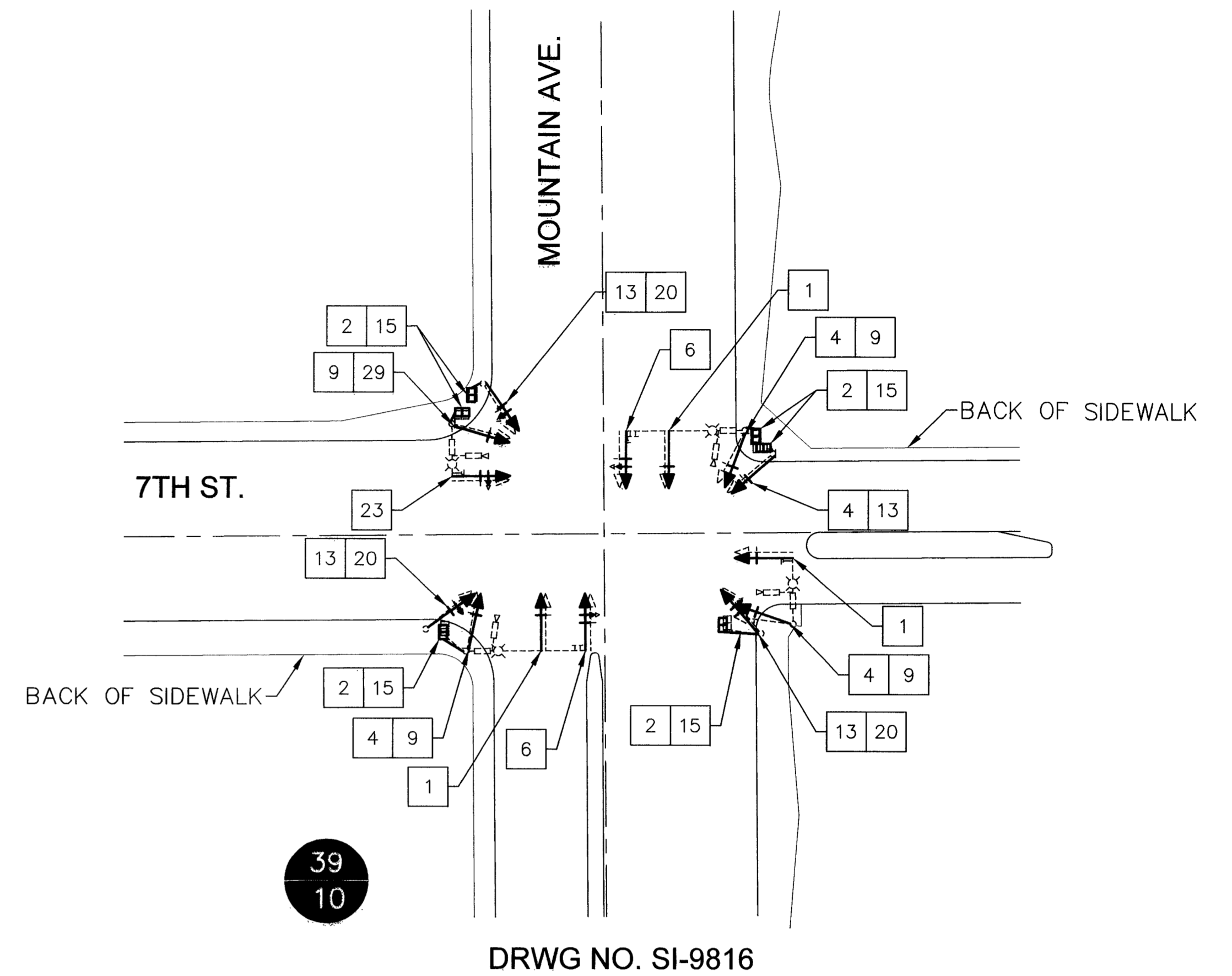
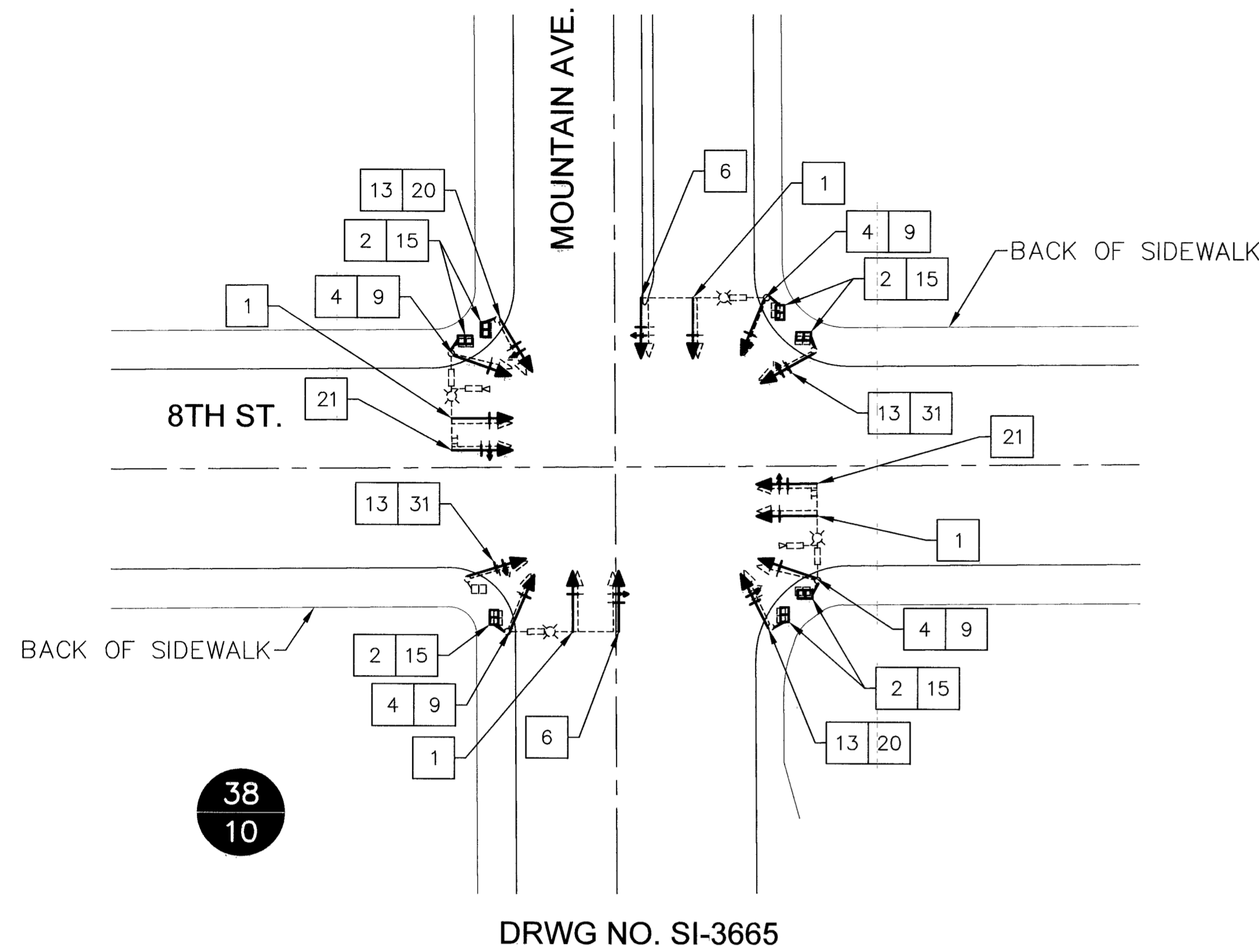
DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:
 APPROVED BY:
 RECOMMENDED BY: *Henry Pan*
 EXP. DATE 9/30/25
 DATE 7/21/25
 ENGINEERING MANAGER R.C.E. 65272
 RECOMMENDED BY: *Henry Pan*
 LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT
 MOUNTAIN AVENUE & 11TH STREET
 MOUNTAIN AVENUE & PACIFIC ELECTRIC TRAIL
 MOUNTAIN AVENUE & ARROW HIGHWAY
 MOUNTAIN AVENUE & 9TH STREET

PROJECT NO. SI-85002
 SHEET 9
 OF 15 SHEETS
 DRAWING NO. SI-85002

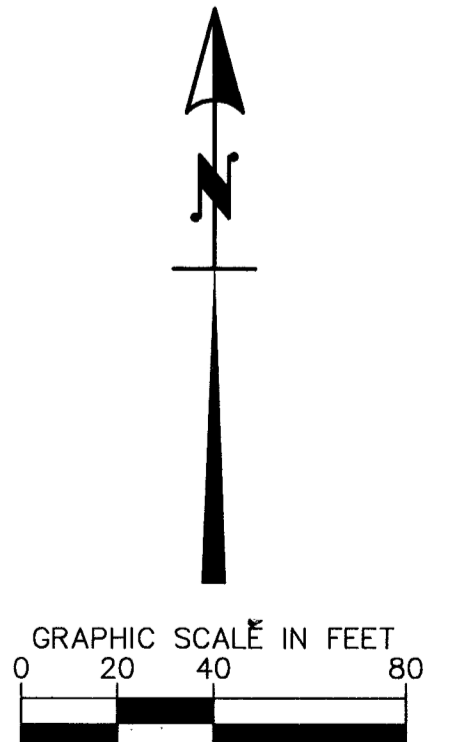
CONSTRUCTION NOTES:

- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 2 REMOVE AND DISPOSE OF EXISTING NON-COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET. FURNISH AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET PER SPECIAL PROVISIONS. REUSE EXISTING SIGNAL WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 6 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 20 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 21 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" TYPE MAS-5A SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 22 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 23 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 4-12" SIGNAL HEAD ONTO EXISTING MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 29 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LOUVERED INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 31 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" SIGNAL HEAD WITH LOUVERED RED BALL, YELLOW BALL, AND GREEN BALL INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.



LEGEND:

- X: LOCATION NUMBER
- Y: SHEET NUMBER
- 8": EXISTING 8" SIGNAL HEAD
- C: EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



K:\GWA_IP\194707001 - Upland HSP\547\016 - Citywide Traffic Signal Design\CAD\Plan Sheets\4-15-Mountain Ave.dwg, 7/3/2025 3:41 PM, Padderno, Kora

SEAL



BENCH MARK NO. LOCATION

ELEV.

MARK	DATE	INITIAL	REVISIONS	DATE	APP'VD

Kimley»Horn
 ©2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92668
 PHONE: 714-939-1030

PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/3/2025
 JASON MELCHOR DATE

DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:

APPROVED BY:
[Signature] 7/3/25
 DATE

ENGINEERING MANAGER
 R.C.E. 65272 EXP. DATE 9/30/25

RECOMMENDED BY:
 RECOMMENDED BY:
Hang Pan
 LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT

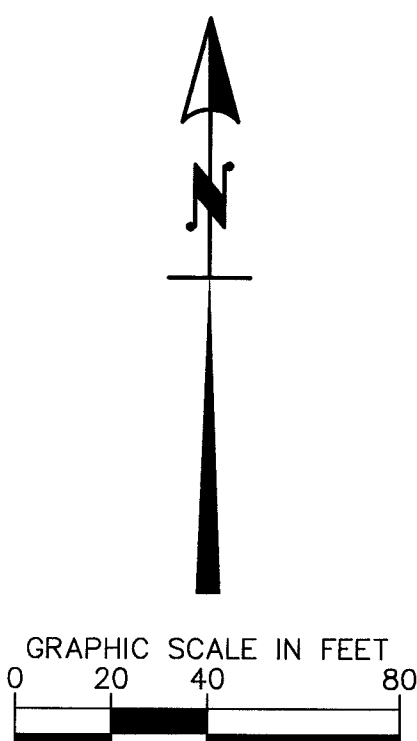
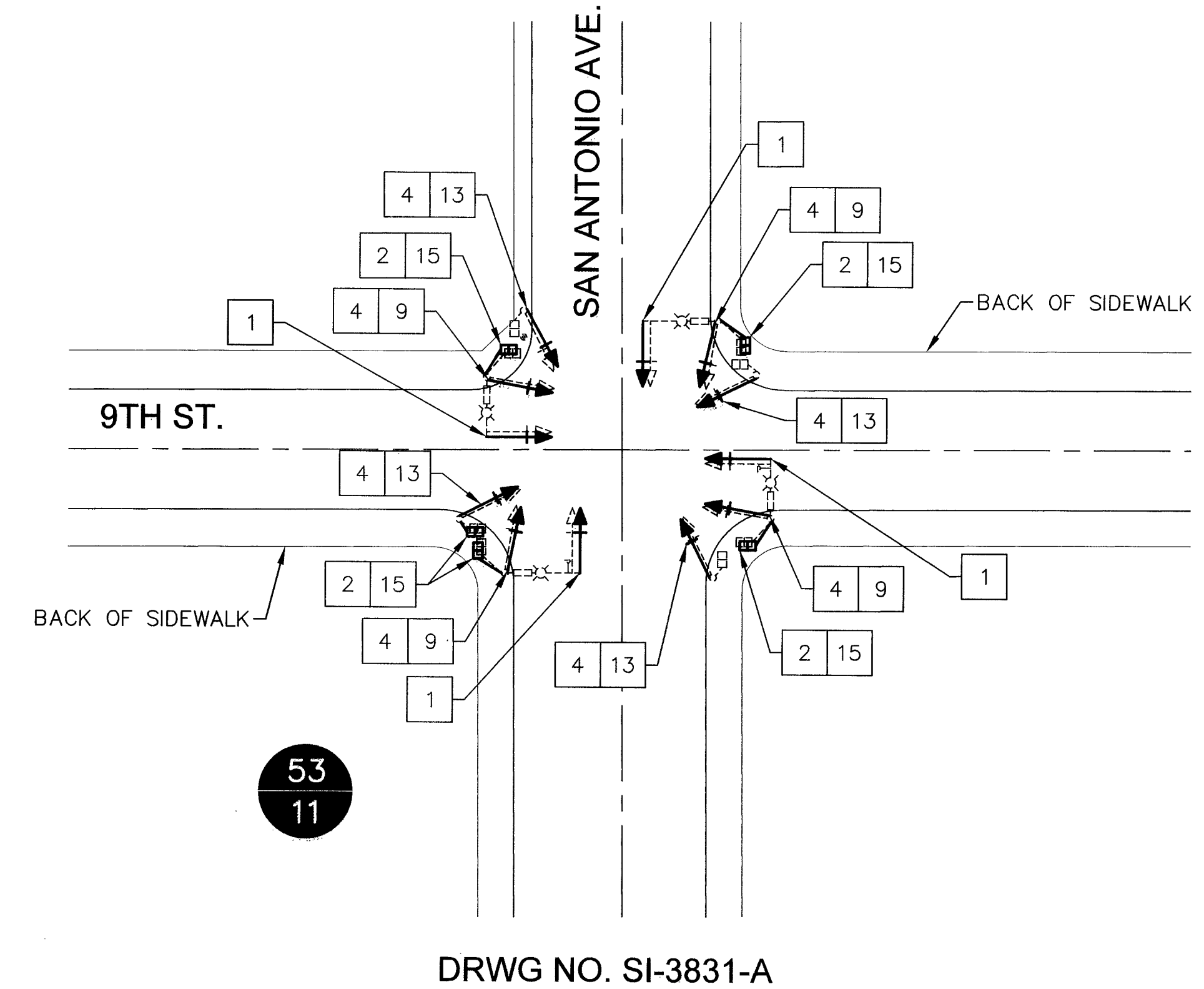
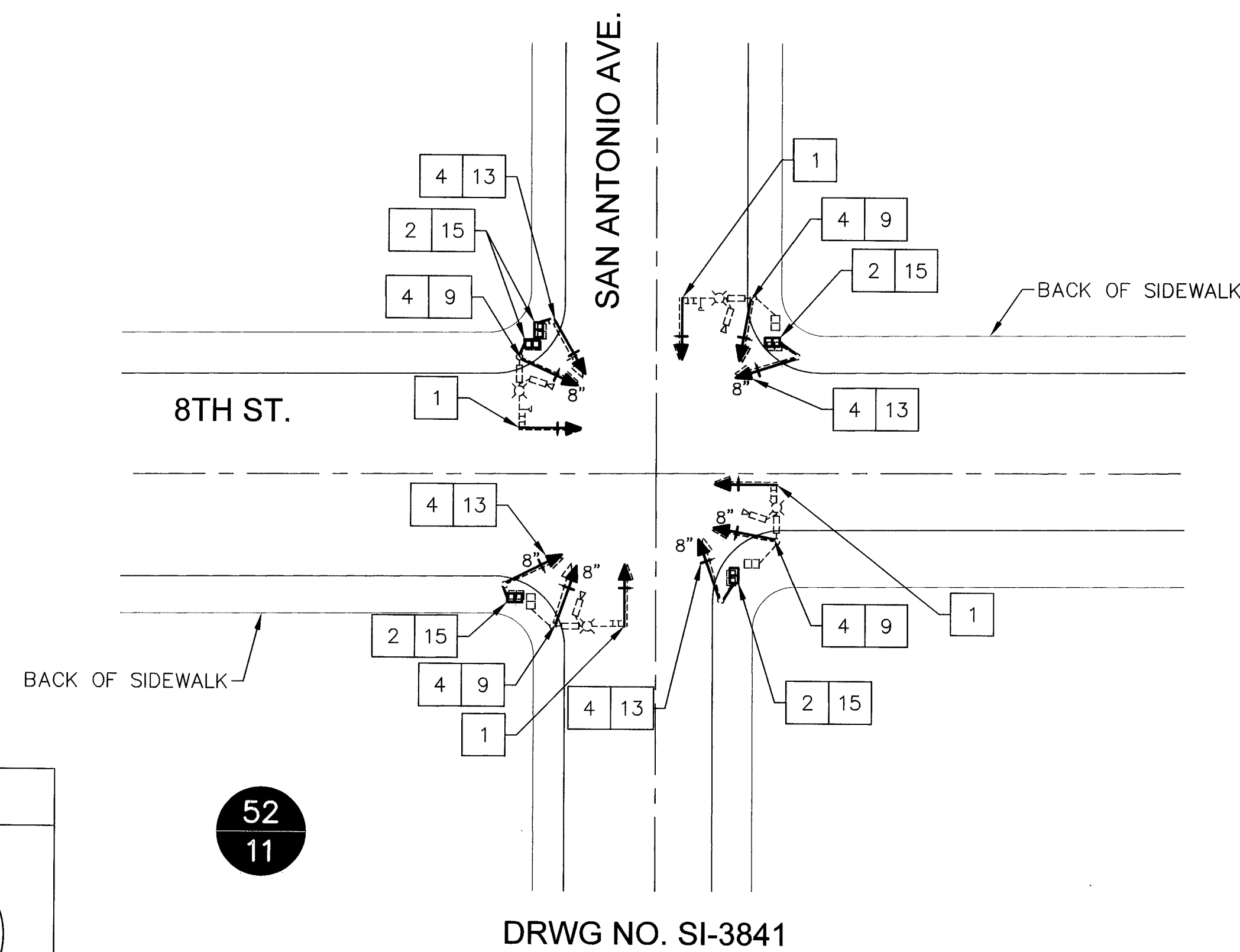
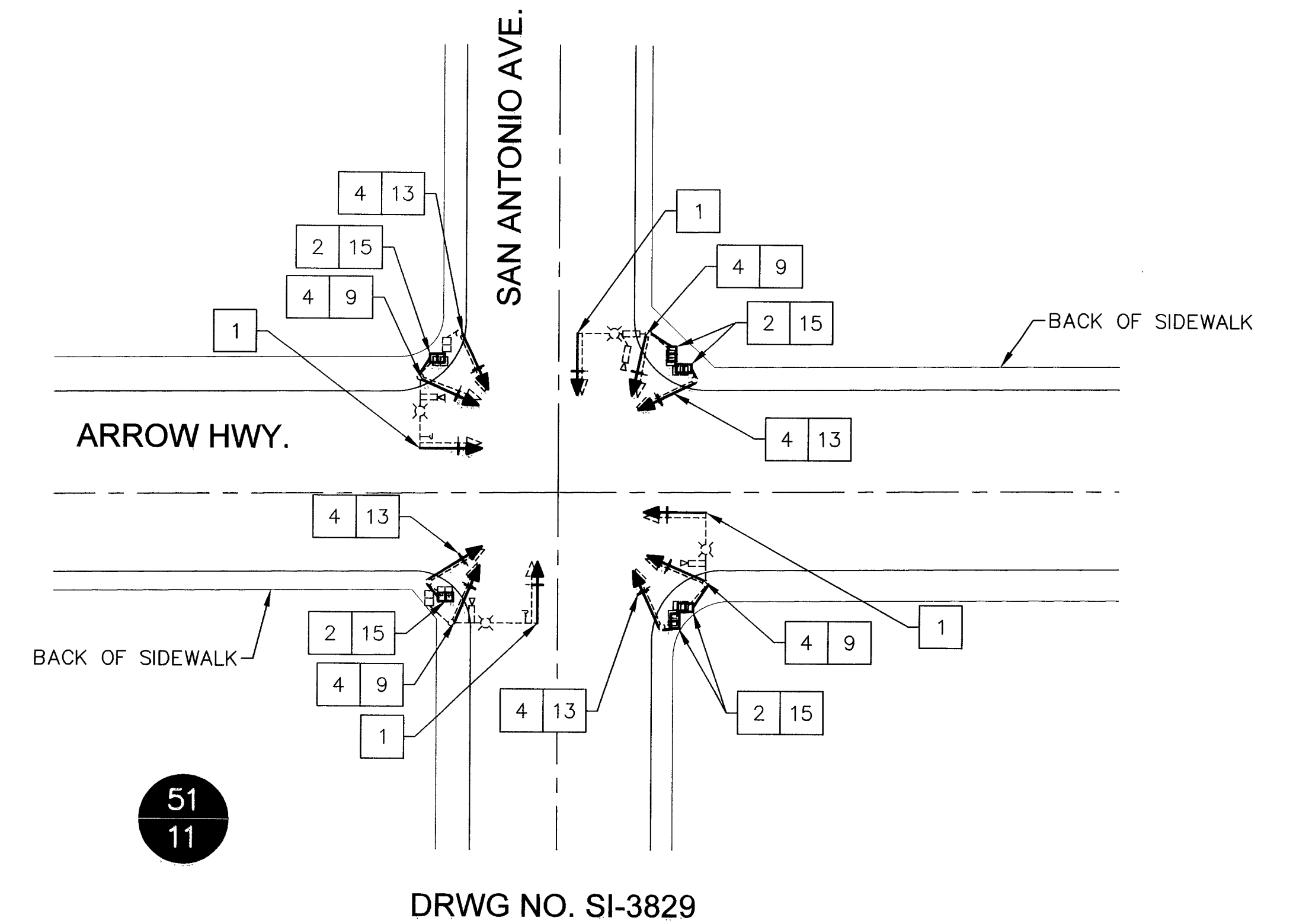
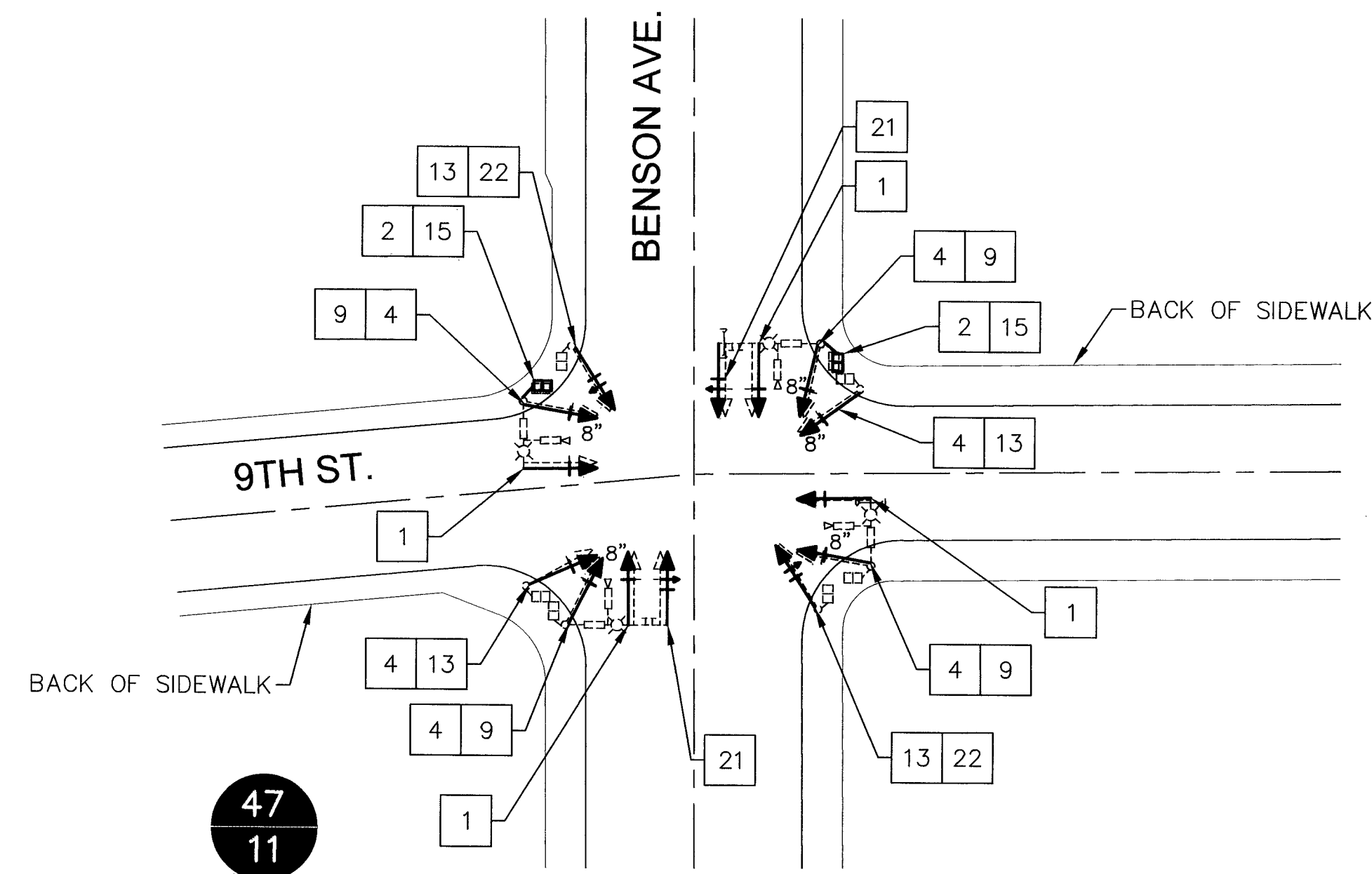
MOUNTAIN AVENUE & 8TH STREET
 BENSON AVENUE & 11TH STREET

MOUNTAIN AVENUE & 7TH ST
 BENSON AVENUE & ARROW HIGHWAY

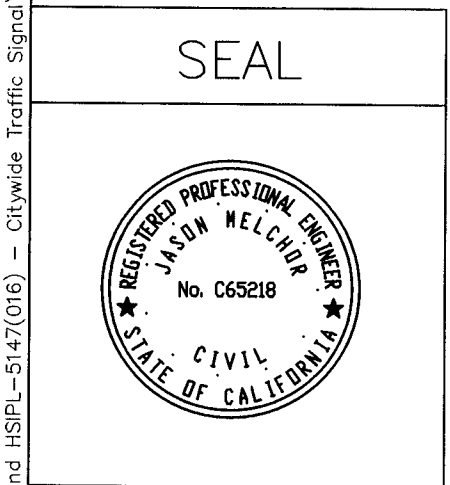
PROJECT NO. SI-85002
 SHEET 10
 OF 15 SHEETS
 DRAWING NO. SI-85002

CONSTRUCTION NOTES:

- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 2 REMOVE AND DISPOSE OF EXISTING NON-COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET. FURNISH AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET PER SPECIAL PROVISIONS. REUSE EXISTING SIGNAL WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 21 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" TYPE MAS-5A SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 22 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.



- LEGEND:**
- X: LOCATION NUMBER
 - Y: SHEET NUMBER
 - 8": EXISTING 8" SIGNAL HEAD
 - C: EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



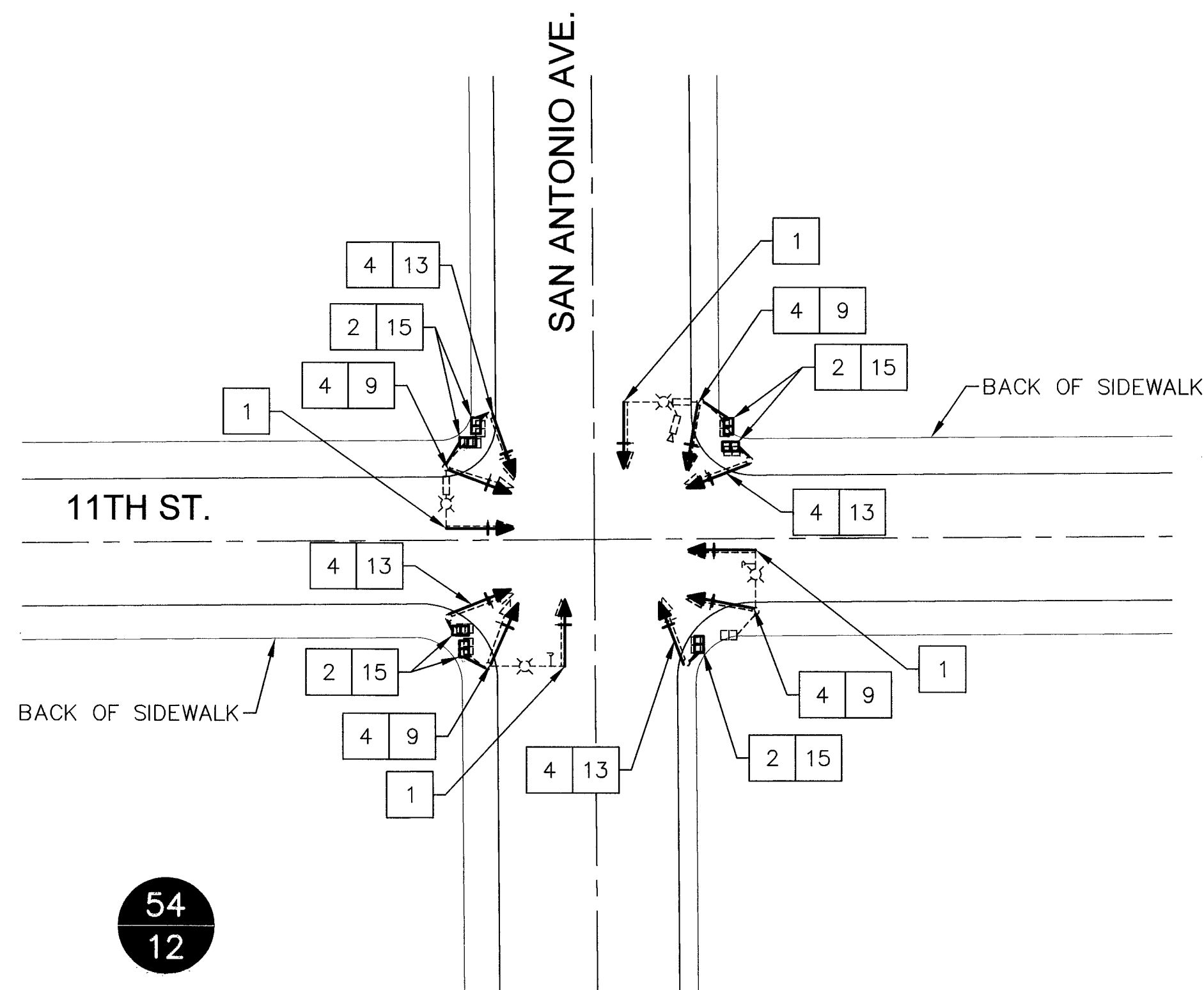
BENCH MARK NO. LOCATION
ELEV.

REVISIONS				
MARK	DATE	INITIAL	DATE	APP'VD

Kimley-Horn
 ©2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92668
 PHONE: 714-939-1030
 PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/3/2025
 JASON MELCHOR DATE

DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:
 APPROVED BY:
 ENGINEERING MANAGER R.C.E. 65272 EXP. DATE 9/30/25
 RECOMMENDED BY: *Henry Pan*
 ENGINEERING STAFF LAND DEVELOPMENT & TRANSPORTATION

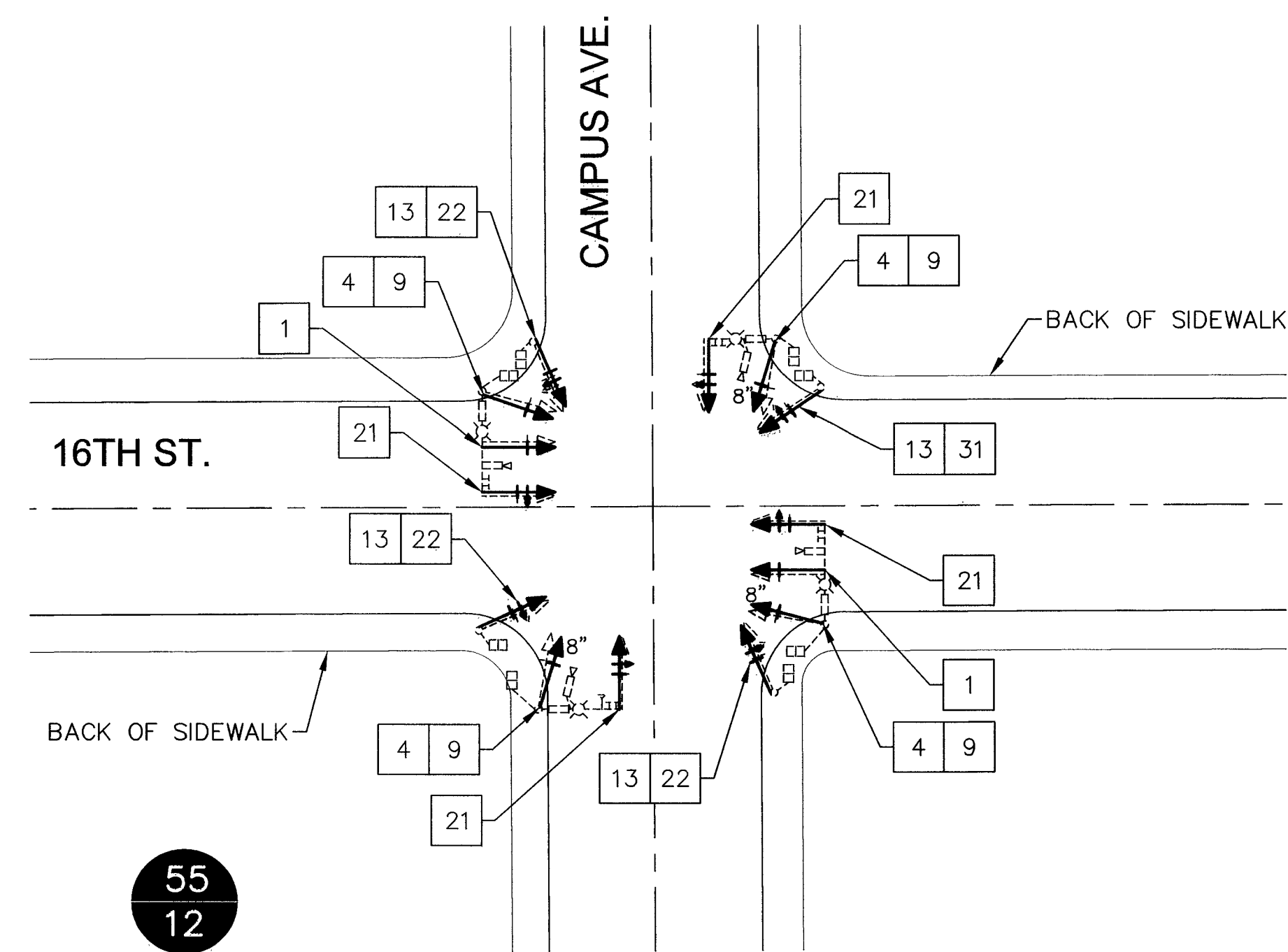
CITY OF UPLAND
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT
 BENSON AVENUE & 9TH STREET
 SAN ANTONIO AVENUE & 8TH STREET
 SAN ANTONIO AVENUE & ARROW HIGHWAY
 SAN ANTONIO AVENUE & 9TH STREET
 PROJECT NO. SI-85002
 SHEET 11 OF 15 SHEETS
 DRAWING NO. SI-85002



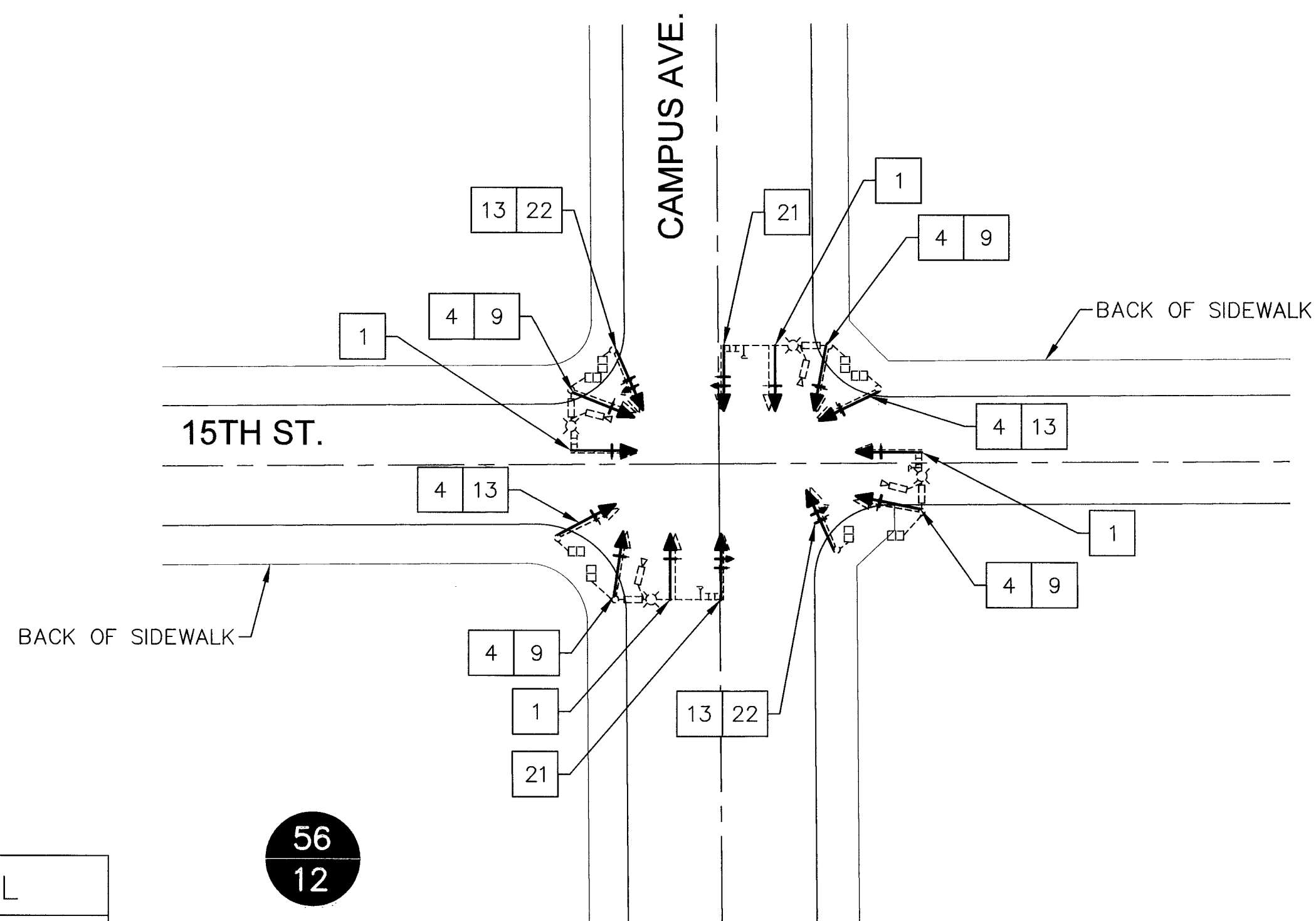
DRWG NO. SI-3830

CONSTRUCTION NOTES:

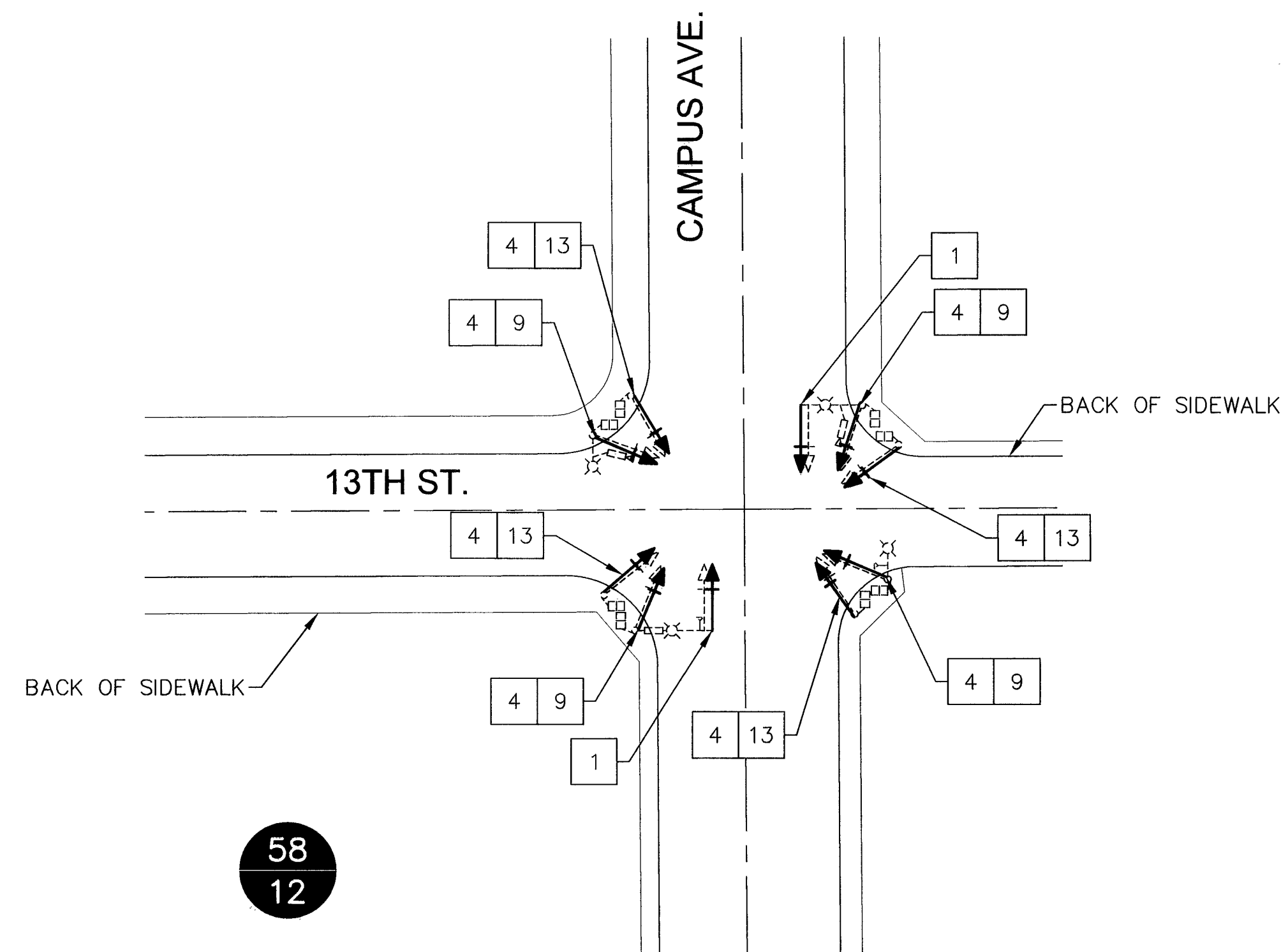
- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 2 REMOVE AND DISPOSE OF EXISTING NON-COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET. FURNISH AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET PER SPECIAL PROVISIONS. REUSE EXISTING SIGNAL WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 21 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" TYPE MAS-5A SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 22 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 31 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" SIGNAL HEAD WITH LOUVERED RED BALL, YELLOW BALL, AND GREEN BALL INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.



DRWG NO. SI-3665



DRWG NO. SI-03-12-TS



DRWG NO. SI-3630

LEGEND:

- X: LOCATION NUMBER
- Y: SHEET NUMBER
- 8": EXISTING 8" SIGNAL HEAD
- C: EXISTING 8" AND 12" COMBINATION SIGNAL HEAD

SEAL



BENCH MARK NO. LOCATION

ELEV.

MARK	DATE	INITIAL	DATE	APP'VD

Kimley»Horn
 ©2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92668
 PHONE: 714-939-1030

PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/3/2025
 JASON MELCHOR DATE

DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:

APPROVED BY:
[Signature] 7/24/25
 DATE

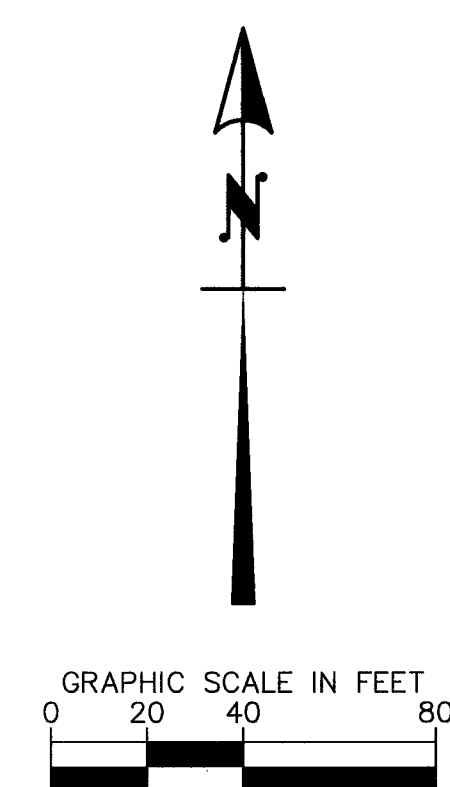
RECOMMENDED BY:
 RECOMMENDED BY:
 ENGINEERING STAFF LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT

SAN ANTONIO AVENUE & 11TH STREET
 CAMPUS AVENUE & 15TH STREET

CAMPUS AVENUE & 16TH STREET
 CAMPUS AVENUE & 13TH STREET

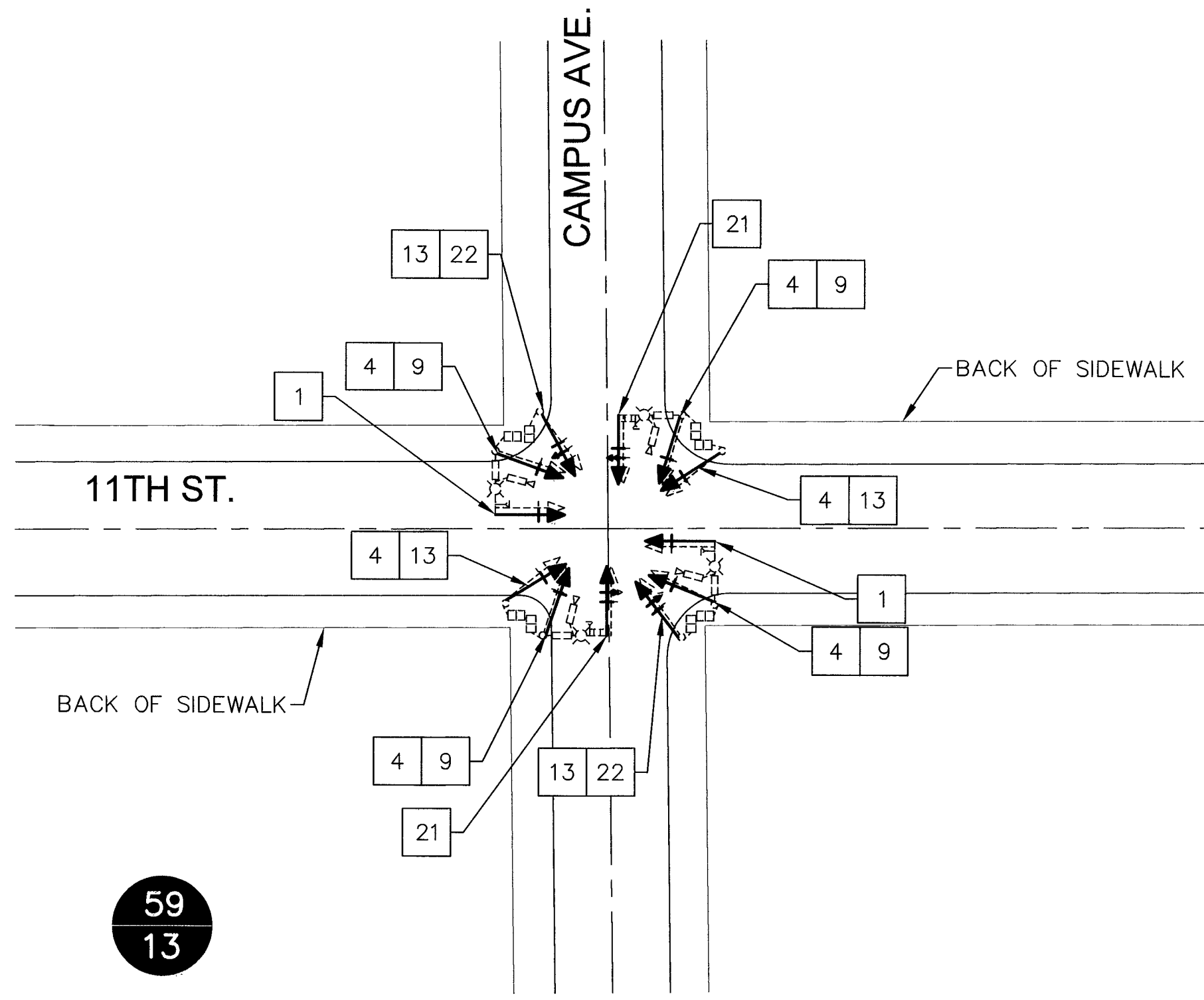
PROJECT NO. SI-85002
 SHEET 12
 OF 15 SHEETS
 DRAWING NO. SI-85002



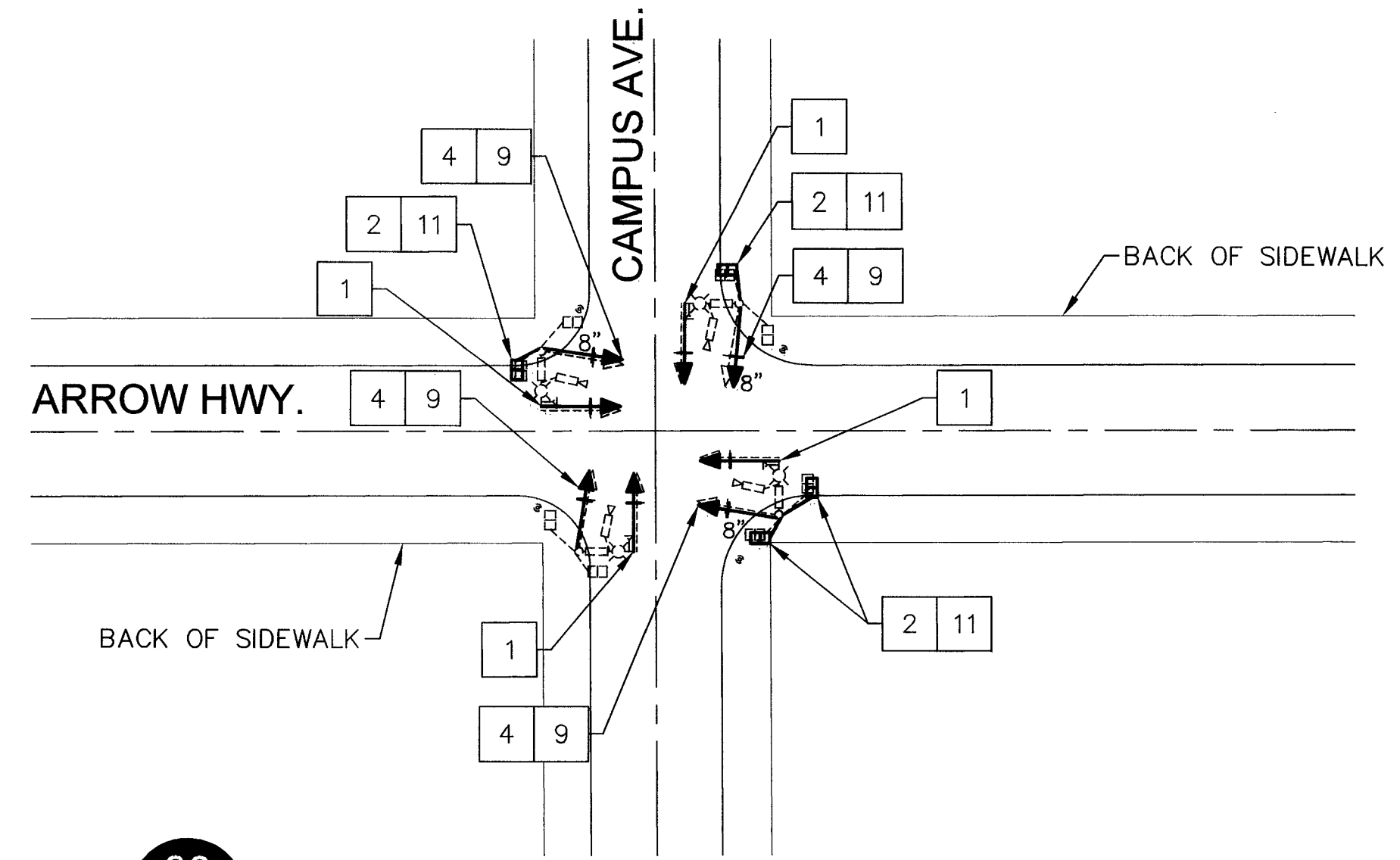
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CONSTRUCTION NOTES:

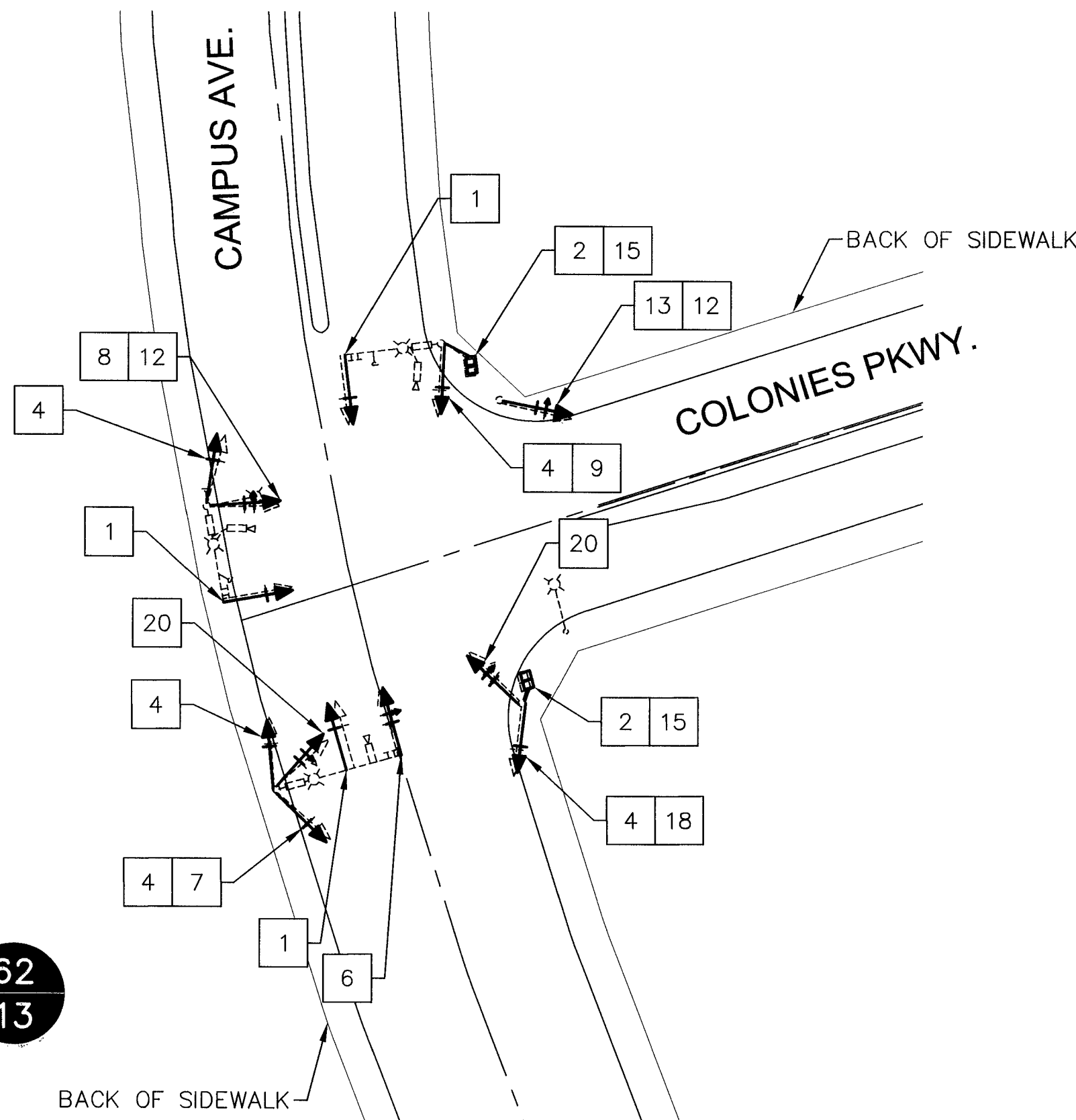
- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 2 REMOVE AND DISPOSE OF EXISTING NON-COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET. FURNISH AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET PER SPECIAL PROVISIONS. REUSE EXISTING SIGNAL WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 6 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 7 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-3-TA TRAFFIC SIGNAL MOUNTING BRACKET.
- 8 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-2-TA TRAFFIC SIGNAL MOUNTING BRACKET.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 11 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-2-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 12 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH RIGHT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 18 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-2-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 20 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 21 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" TYPE MAS-5A SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 22 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.



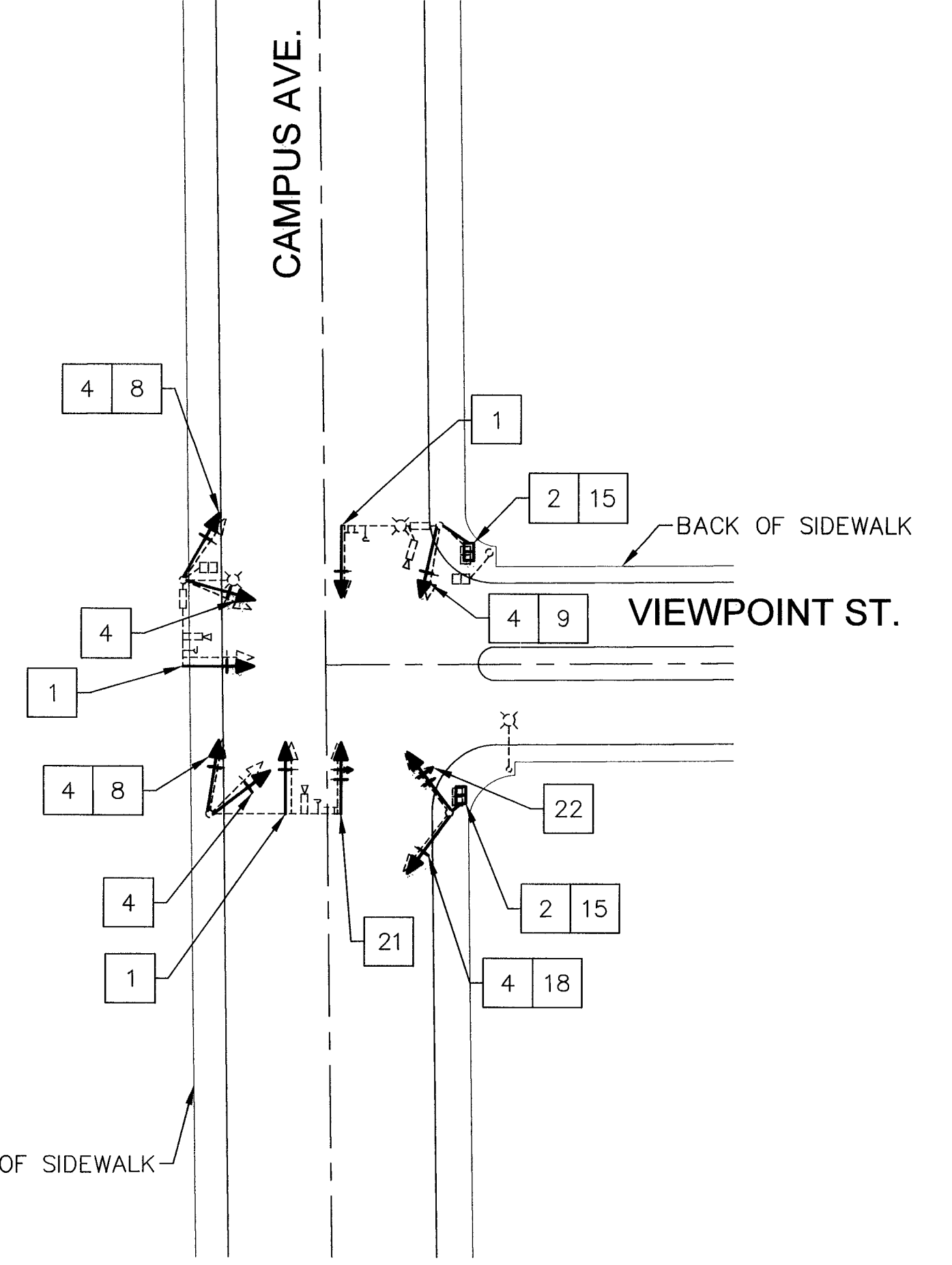
DRWG NO. TS-8614-04



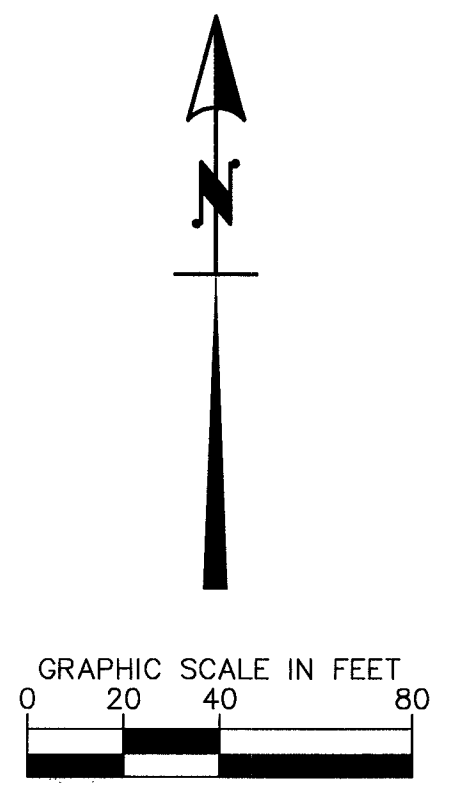
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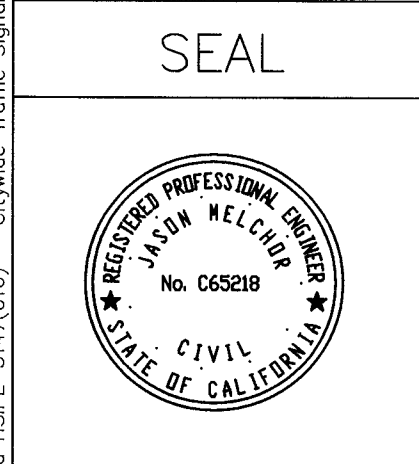
DRWG NO. SI-02-10B



LEGEND:
 X LOCATION NUMBER
 Y SHEET NUMBER
 8" EXISTING 8" SIGNAL HEAD
 C EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



K:\ORA_T\70194707001 - Upland HSP\5147\016 - Upland Traffic Signal\Design\CAD\Plan Sheets\Y-TS-Campus Ave.dwg, 7/13/2025, 3:44 PM, Paddara, Kairo



BENCH MARK NO. LOCATION

MARK	DATE	INITIAL	ELEV.

REVISIONS

MARK	DATE	INITIAL	DATE	APP'VD

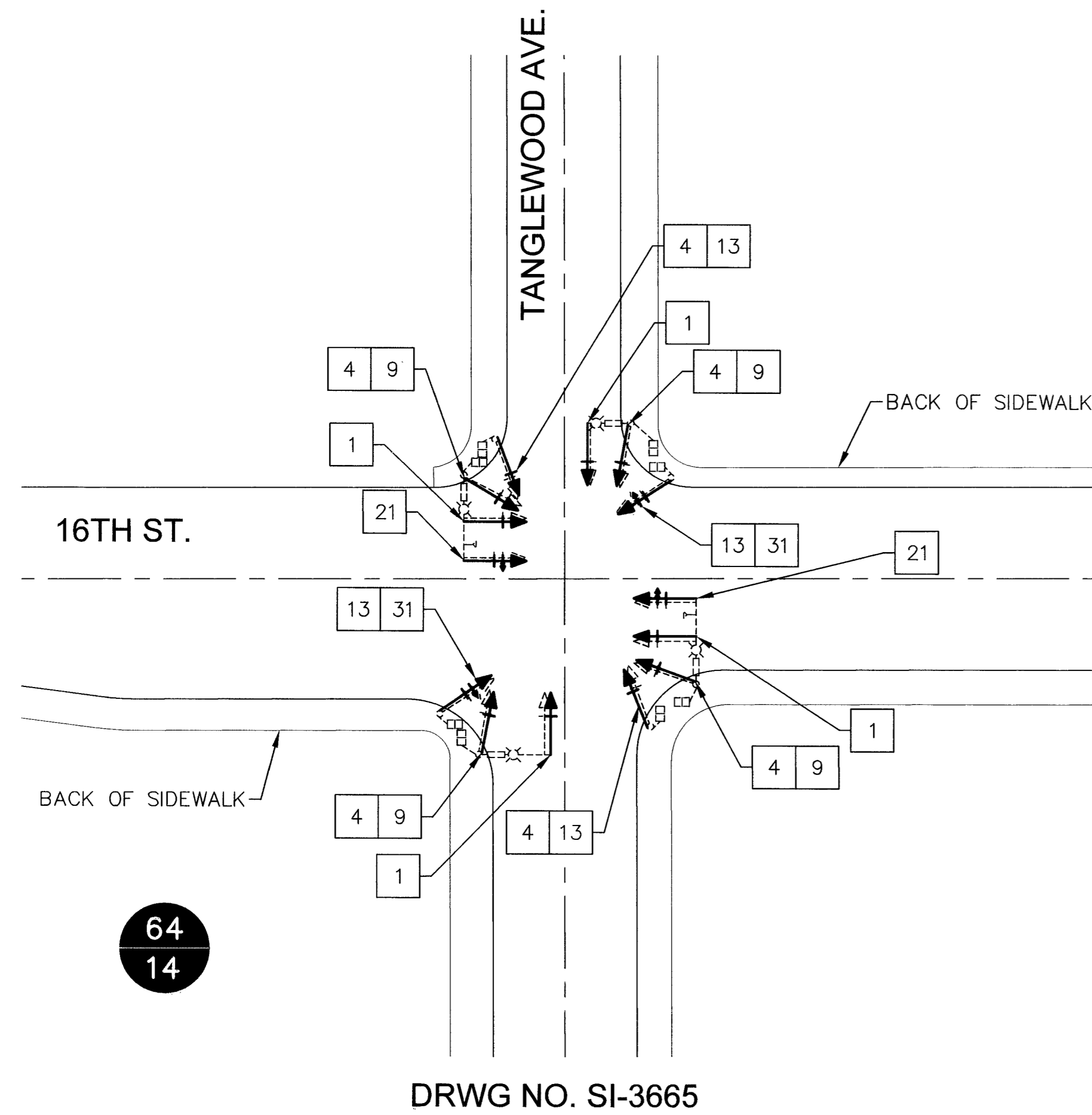
Kimley-Horn
 ©2024 KIMLEY-HORN AND ASSOCIATES, INC.
 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92668
 PHONE: 714-939-1030

PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/13/2025
 JASON MELCHOR DATE

DRAWN BY: KP	APPROVED BY:
DESIGNED BY: CA	<i>Jason Melchor</i> 7/13/25 DATE
CHECKED BY: JM	ENGINEERING MANAGER R.C.E. 65272 EXP. DATE 9/20/25
RECOMMENDED BY:	RECOMMENDED BY: <i>Harry Pan</i> LAND DEVELOPMENT & TRANSPORTATION
ENGINEERING STAFF	RECOMMENDED BY:

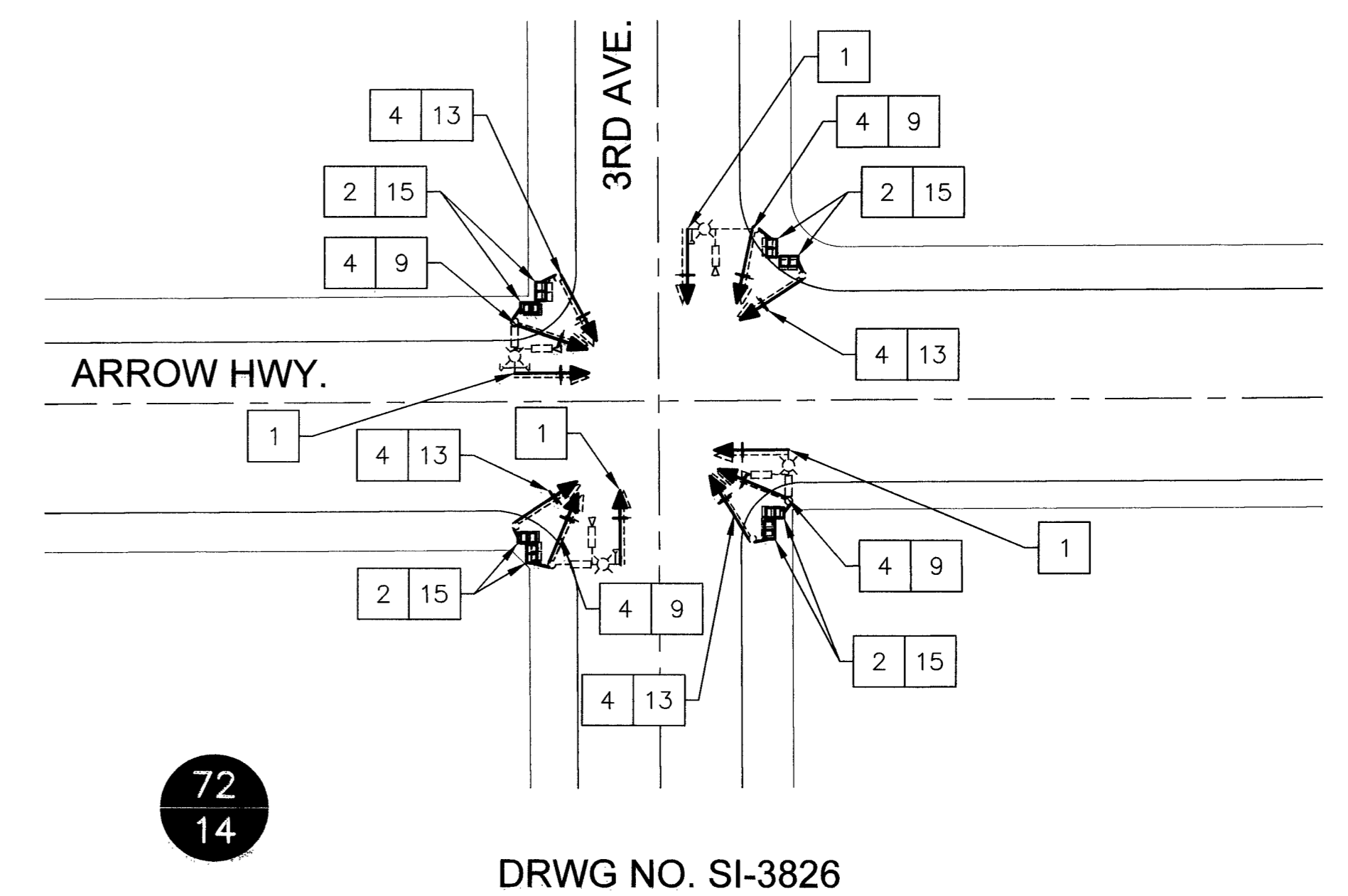
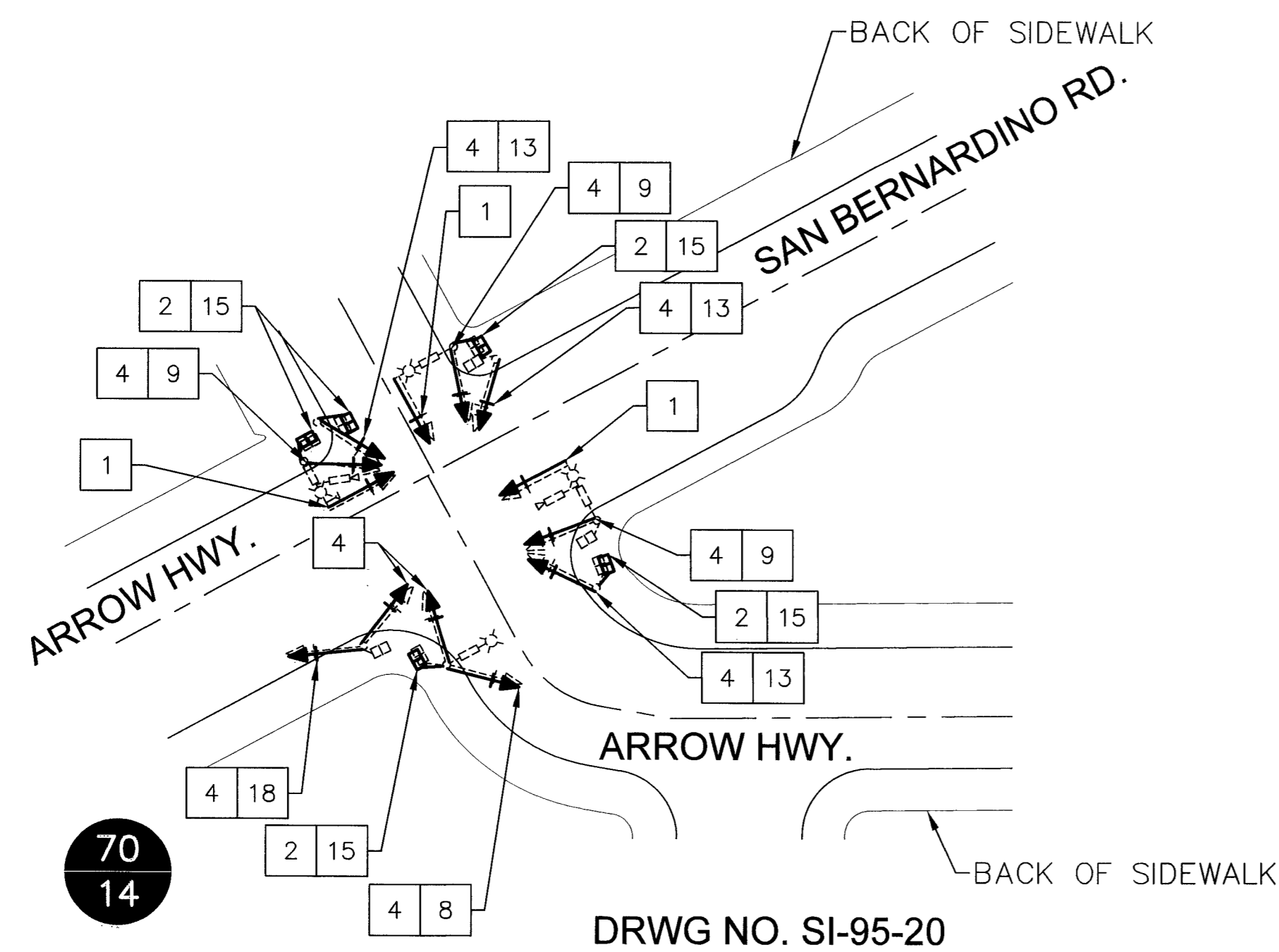
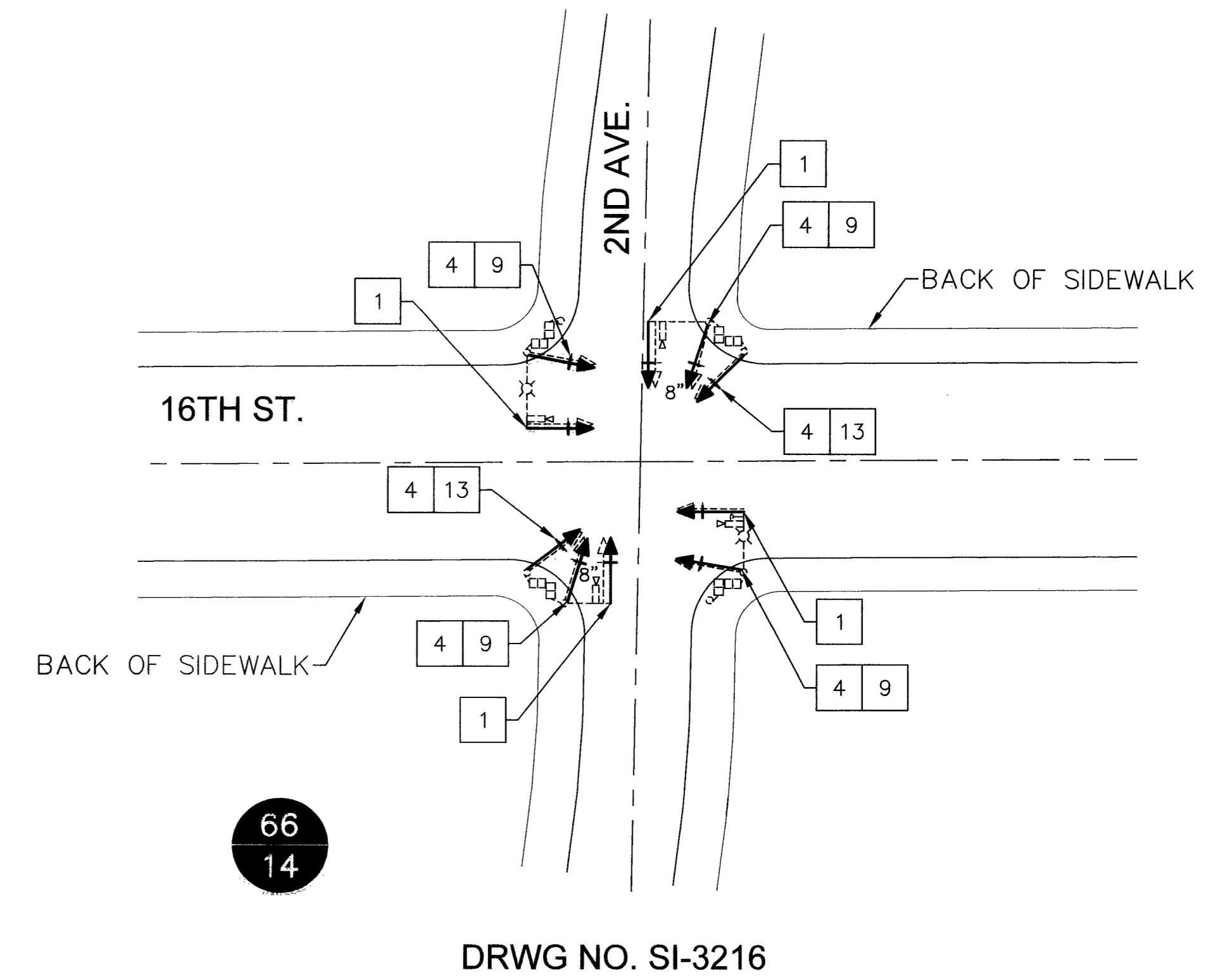
CITY OF UPLAND
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT
 CAMPUS AVENUE & 11TH STREET
 CAMPUS AVENUE & COLONIES PARKWAY
 CAMPUS AVENUE & ARROW HIGHWAY
 CAMPUS AVENUE & VIEWPOINT STREET

PROJECT NO. SI-85002
SHEET 13
OF 15 SHEETS DRAWING NO. SI-85002



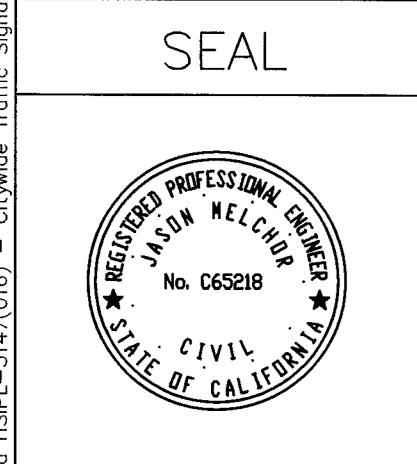
CONSTRUCTION NOTES:

- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 2 REMOVE AND DISPOSE OF EXISTING NON-COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET. FURNISH AND INSTALL NEW COUNTDOWN PEDESTRIAN SIGNAL HEAD AND MOUNTING BRACKET PER SPECIAL PROVISIONS. REUSE EXISTING SIGNAL WIRES.
- 4 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 8 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-2-TA TRAFFIC SIGNAL MOUNTING BRACKET.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 18 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-2-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 21 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" TYPE MAS-5A SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 31 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 5-12" SIGNAL HEAD WITH LOUVERED RED BALL, YELLOW BALL, AND GREEN BALL INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.



LEGEND:

- X: LOCATION NUMBER
- Y: SHEET NUMBER
- 8": EXISTING 8" SIGNAL HEAD
- C: EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



BENCH MARK NO. LOCATION
ELEV.

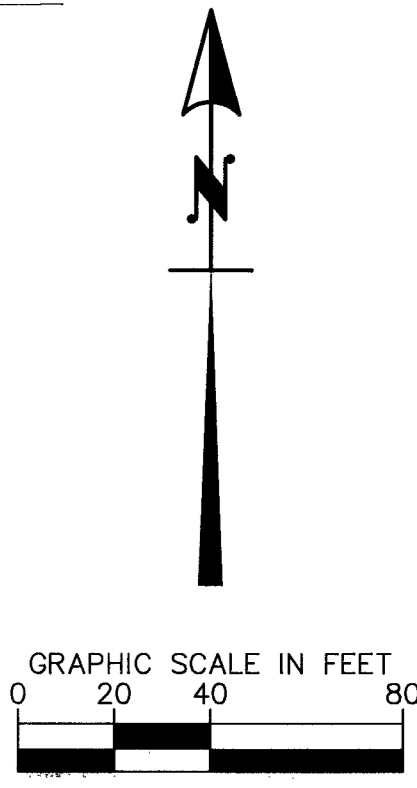
REVISIONS				
MARK	DATE	INITIAL	DATE	APP'VD

Kimley»Horn
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 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92868
 PHONE: 714-939-1030
 PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/3/2025
 JASON MELCHOR DATE

DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:
 APPROVED BY:
Jason Melchor 7/3/25
 ENGINEERING MANAGER
 R.C.E. 65272 EXP. DATE 9/30/25
 RECOMMENDED BY: *Henry Pan*
 RECOMMENDED BY:
 ENGINEERING STAFF LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT
 16TH STREET & TANGLEWOOD AVENUE
 ARROW HIGHWAY & SAN BERNARDINO ROAD
 16TH STREET & 2ND AVENUE
 ARROW HIGHWAY & 3RD AVENUE

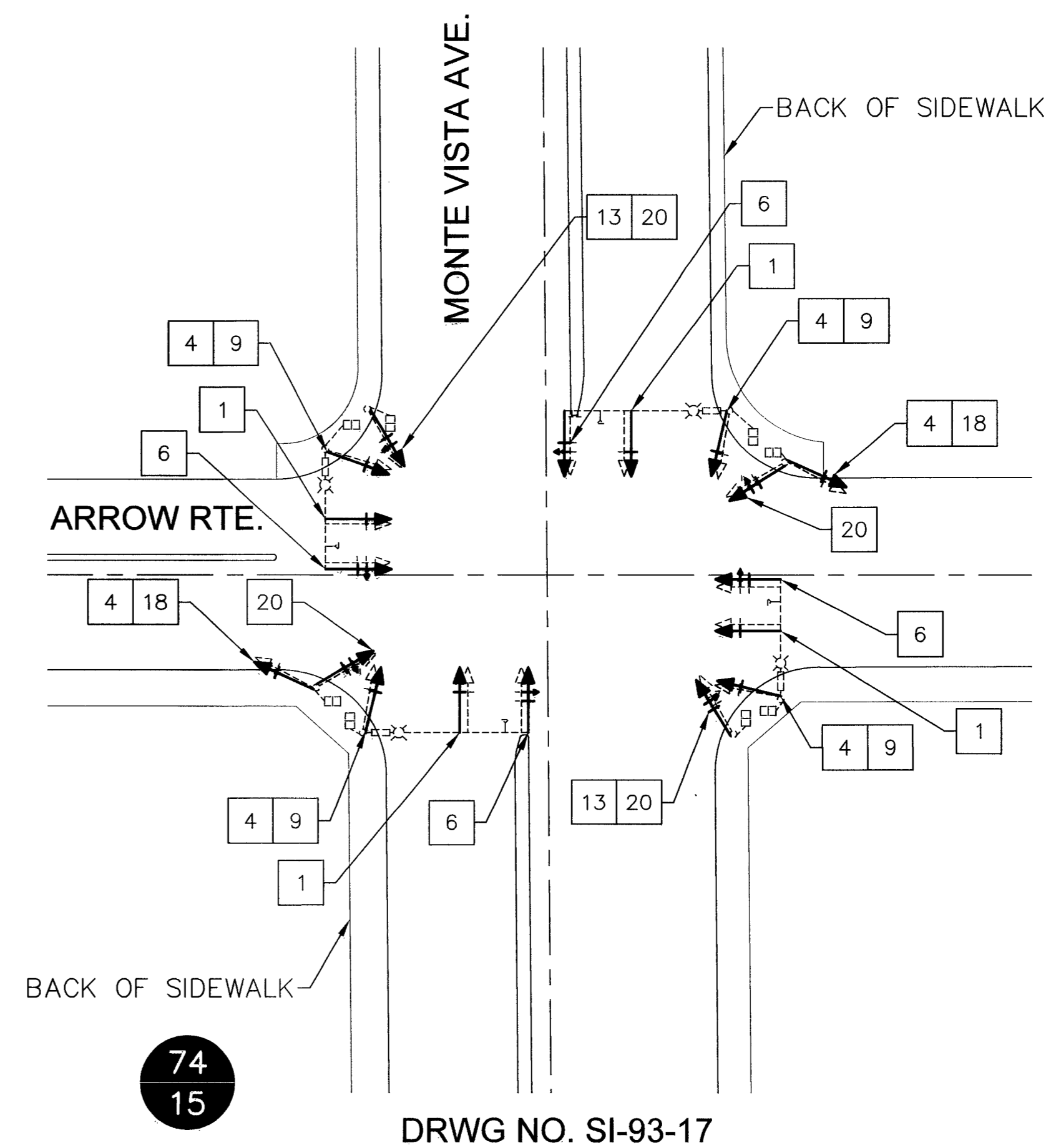
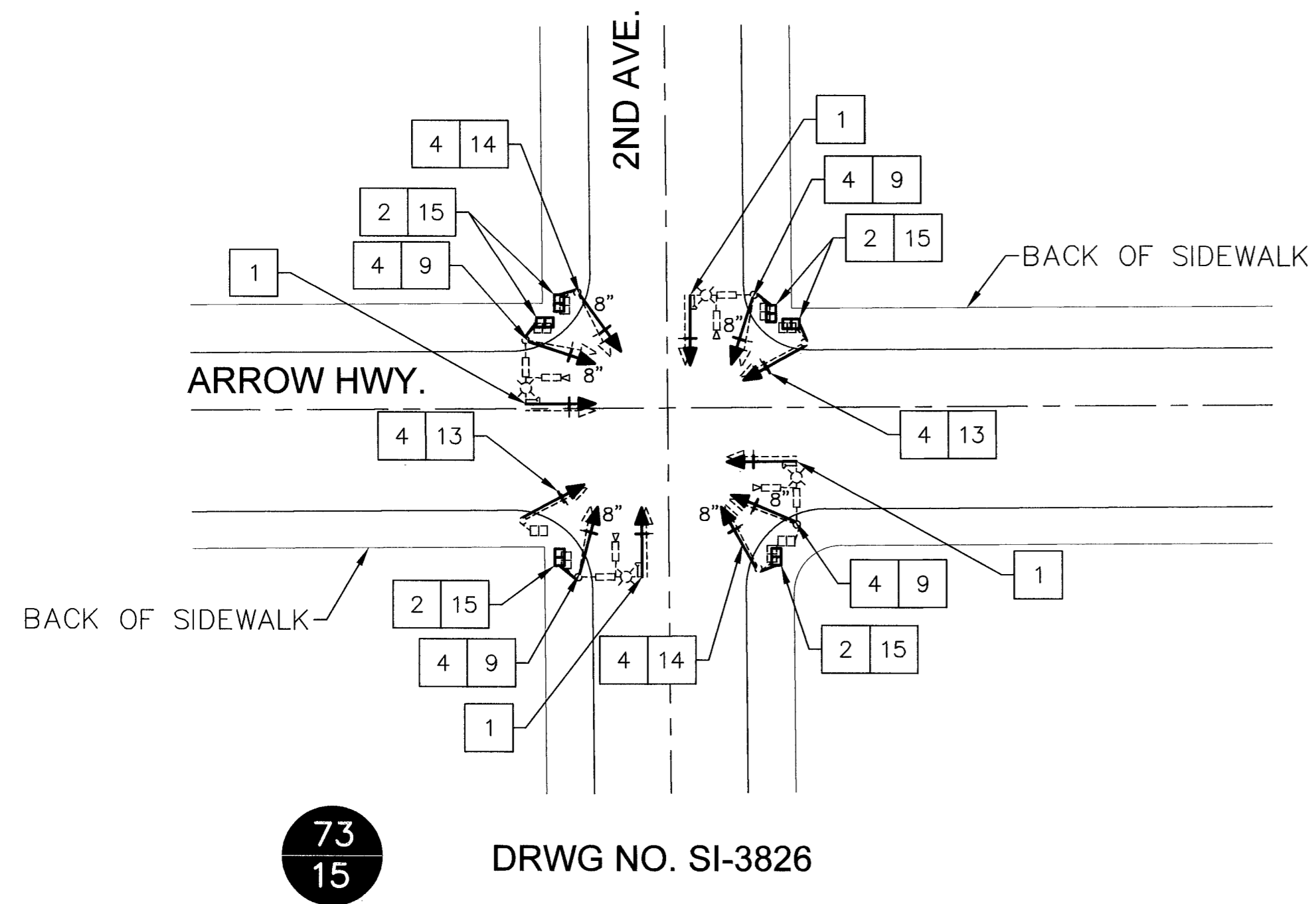
PROJECT NO. SI-85002
 SHEET 14
 OF 15 SHEETS
 DRAWING NO. SI-85002



K:\GRA_TPTO\1847\07001 - Upland NSRP-5147\0161 - Citywide Traffic Signal Design\CAD\Plan Sheets\7-15-Compas_Ave.dwg - 7/3/2025, 3:44 PM, Paddana, Kaio

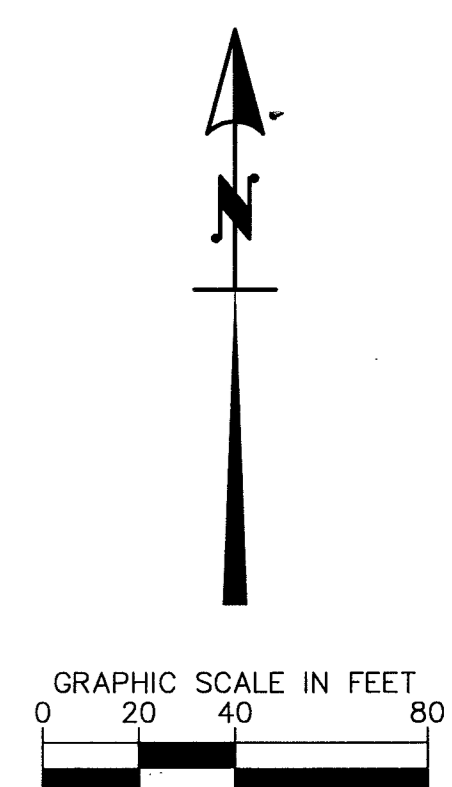
CONSTRUCTION NOTES:

- 1 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
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- 6 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" MAST ARM SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO EXISTING MAST ARM TENON WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.
- 9 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 13 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 14 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-1 TRAFFIC SIGNAL MOUNTING BRACKET.
- 15 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL SP-1-T PEDESTRIAN SIGNAL MOUNTING BRACKET.
- 18 REMOVE AND DISPOSE OF EXISTING MOUNTING BRACKET. FURNISH AND INSTALL TV-2-T TRAFFIC SIGNAL MOUNTING BRACKET.
- 20 REMOVE AND DISPOSE OF EXISTING SIGNAL HEAD. FURNISH AND INSTALL NEW 3-12" SIGNAL HEAD WITH LEFT TURN ARROW INDICATIONS ONTO NEW POLE MOUNTING BRACKET WITH 2" WIDE HIGH-VISIBILITY YELLOW RETRO-REFLECTIVE BORDER ON SIGNAL BACKPLATE PER SPECIAL PROVISIONS. REUSE EXISTING WIRES.



LEGEND:

- X: LOCATION NUMBER
- Y: SHEET NUMBER
- 8'': EXISTING 8" SIGNAL HEAD
- C: EXISTING 8" AND 12" COMBINATION SIGNAL HEAD



K:\GMA_TPTD\194707001 - Upland HSPL-5147(016) - Citywide Traffic Signal Design\CADD\Plan Sheets\9-TS-Arrow Hwy.dwg, 7/3/2025 3:45 PM, Paddano, Kairo

SEAL



BENCH MARK NO.
LOCATION

ELEV.

REVISIONS				
MARK	DATE	INITIAL	DATE	APP'VD

Kimley»Horn
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 1100 W TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CA 92668
 PHONE: 714-939-1030
 PLANS PREPARED UNDER THE SUPERVISION OF:
Jason Melchor 7/3/2025
 JASON MELCHOR DATE

DRAWN BY: KP
 DESIGNED BY: CA
 CHECKED BY: JM
 RECOMMENDED BY:
 APPROVED BY:
Jason Melchor 7/3/25
 ENGINEERING MANAGER R.C.E. 65272 EXP. DATE 9/30/25
 RECOMMENDED BY:
Jason Pan
 ENGINEERING STAFF LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND
 PROJECT NO. SI-85002
 SHEET 15
 OF 15 SHEETS
 DRAWING NO. SI-85002
 FY2023/2024 CITYWIDE TRAFFIC SIGNAL MODIFICATION SAFETY PROJECT
 ARROW HIGHWAY & 2ND AVENUE ARROW ROUTE & MONTE VISTA AVENUE