

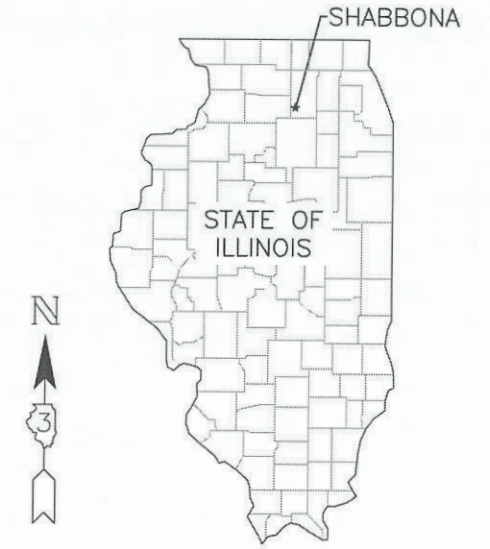
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED

SHABBONA DOWNTOWN STREETScape FOR VILLAGE OF SHABBONA

ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM

FAP ROUTE 573 (US 30)
SHABBONA ROAD TO ILLINI STREET
SECTION 23-00019-01-LS
PROJECT U4SL(231)
DEKALB COUNTY
C-93-028-24

INDEX OF SHEETS	
SHEET NUMBER	SHEET TITLE
1	TITLE
2	INDEX OF HIGHWAY AND DISTRICT STANDARDS, STANDARD DETAILS
3	GENERAL NOTES
4	GENERAL NOTES
5	LEGEND
6	TYPICAL SECTIONS
7	TYPICAL SECTIONS
8	TYPICAL SECTIONS
9	TYPICAL SECTIONS
10	TYPICAL SECTIONS
11	TYPICAL SECTIONS
12	SUMMARY OF QUANTITIES
13	SCHEDULE OF QUANTITIES
14	SCHEDULE OF QUANTITIES
15	ALIGNMENT AND BENCHMARK LOCATIONS
16	REMOVAL PLAN STA 182+50 TO 188+82
17	REMOVAL PLAN STA 188+82 TO 195+10
18	COMANCHE AVE STA 182+00 TO 185+00
19	COMANCHE AVE STA 185+00 TO 188+00
20	COMANCHE AVE STA 188+00 TO 190+85
21	COMANCHE AVE STA 190+85 TO 193+00
22	COMANCHE AVE STA 193+00 TO 196+00
23	GRADING PLAN STA 182+00 TO 185+00
24	GRADING PLAN STA 185+00 TO 188+00
25	GRADING PLAN STA 188+00 TO 190+85
26	GRADING PLAN STA 190+85 TO 193+00
27	GRADING PLAN STA 193+00 TO 196+00
28	UTILITY PLAN STA 182+00 TO 185+00
29	UTILITY PLAN STA 185+00 TO 188+00
30	UTILITY PLAN STA 188+00 TO 190+85
31	UTILITY PLAN STA 190+85 TO 193+00
32	UTILITY PLAN STA 193+00 TO 196+00
33	NORTH PARKING LOT
34	SOUTH PARKING LOT
35	NORTH SECTION STAIRS
36	SOUTH SECTION STAIRS
37	OVERALL NORTH TRAFFIC CONTROL PLANS - STAGE 1
38	NORTH TRAFFIC CONTROL PLANS STA 181+00 TO 187+00 - STAGE 1
39	NORTH TRAFFIC CONTROL PLANS STA 187+00 TO 193+00 - STAGE 1
40	NORTH TRAFFIC CONTROL PLANS STA 193+00 TO 196+00 - STAGE 1
41	OVERALL SOUTH TRAFFIC CONTROL PLANS - STAGE 2
42	SOUTH TRAFFIC CONTROL PLANS STA 181+00 TO 187+00 - STAGE 2
43	SOUTH TRAFFIC CONTROL PLANS STA 187+00 TO 193+00 - STAGE 2
44	SOUTH TRAFFIC CONTROL PLANS STA 193+00 TO 196+00 - STAGE 2
45	LANDSCAPE PLAN STA 182+00 TO 185+00
46	LANDSCAPE PLAN STA 185+00 TO 188+00
47	LANDSCAPE PLAN STA 188+00 TO 190+85
48	LANDSCAPE PLAN STA 190+85 TO 193+00
49	LANDSCAPE PLAN STA 193+00 TO 196+00
50	LANDSCAPE PLAN - NORTH PARKING LOT
51	LANDSCAPE NOTES, DETAILS & PLANT LIST
52	LANDSCAPE DETAILS
53	IRRIGATION PLAN STA 188+00 TO 190+85
54	IRRIGATION PLAN STA 190+85 TO 193+00
55	IRRIGATION PLAN STA 193+00 TO 196+00
56	LIGHTING COMANCHE AVE STA 181+00 TO 184+00
57	LIGHTING COMANCHE AVE STA 184+00 TO 187+00
58	LIGHTING COMANCHE AVE STA 187+00 TO 190+00
59	LIGHTING COMANCHE AVE STA 190+00 TO 193+00
60	LIGHTING COMANCHE AVE STA 193+00 TO 196+00
61	LIGHTING PARKING LOTS COMANCHE AVE 194+00
62	ELECTRICAL DETAILS
63	ELECTRICAL SCHEDULES AND DETAILS
64	ELECTRICAL DETAILS
65	CROSS SECTIONS
66	CROSS SECTIONS
67	STANDARD DETAILS
68	STANDARD DETAILS
69	DISTRICT 3 STANDARD DETAILS
70	DISTRICT 3 STANDARD DETAILS
71	DISTRICT 3 STANDARD DETAILS



PLAN & PROFILE



CROSS SECTIONS



LOCATION MAP

FAP ROUTE 573 / COMANCHE AVE (MINOR ARTERIAL)
TOWNSHIP 38 NORTH, RANGE 3 EAST
2021 ADT = 4276
LENGTH OF PROJECT = 0.26 MILES
NET LENGTH OF PROJECT = 0.26 MILES



ILLINOIS IOWA WISCONSIN



Exp. 11/30/23
5/31/2023
SIGNATURE DATE



Exp. 11/30/23
5/31/2023
SIGNATURE DATE

AGENCY RESPONSIBLE FOR LETTING

APPROVED: *[Signature]*
DON GONCHER - VILLAGE PRESIDENT
VILLAGE OF SHABBONA

PASSED: *[Signature]*
JUNE 2, 2023
DISTRICT 13 CHIEF OF LOCAL ROAD & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW: *[Signature]*
JUNE 2, 2023
REGION TWO ENGINEER

FINAL

ORIGINAL SET FOR PROJECT: 19-366		DATE CREATED: 05/17/2023
REVISIONS		
REV. NO.	DESCRIPTION	DATE

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 184003525
PRINTED BY AUTHORITY OF STATE OF ILLINOIS

CONTRACT # 87841

HIGHWAY STANDARDS

- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424026-03 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
- 442201-03 CLASS C AND D PATCHES
- 602306-03 INLET-TYPE B
- 602401-07 PRECAST MANHOLE TYPE A 4' (1.22M) DIAMETER
- 602402-03 PRECAST MANHOLE TYPE A 5' (1.52M) DIAMETER
- 604001-05 FRAME AND LIDS TYPE 1
- 604006-05 FRAME AND GRATE TYPE 3
- 604036-03 GRATE TYPE 8
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
- 640001-01 SIGHT SCREEN CHAIN LINK FENCE
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-06 LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 836001-04 LIGHT POLE FOUNDATION

DISTRICT 3 STANDARDS (SEE SHEETS 69 THRU 71 FOR DETAILS)

- 406-8 HMA DETAIL AT BUTT JOINTS
- 423-1 PCC URBAN ENTRANCES
- 424-32 DETAIL OF CONCRETE STEPS
- 509-1 PIPE HANDRAIL FOR STEPS
- 602-2 INLET ADJUST
- 606-9 CURB AND GUTTER REPLACEMENT AT INLET
- 703-1 SHORT TERM PAVEMENT MARKINGS
- 780-22 TYPICAL PARKING SPACING

STANDARD DETAILS

- 7" CONCRETE PAVEMENT SECTION (PAY CODE 42300300, SHEET 67)
- SIDEWALK DETAIL (PAY CODE 42400200, SHEET 67)
- PEDESTRIAN RAILING DETAIL (PAY CODE 50900805, SHEET 68)
- TRENCH DRAIN SECTION (SHEET 67)
- 90 DEGREE PARKING STRIPE DETAIL (SHEET 67)



ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
INDEX OF HIGHWAY AND DISTRICT
STANDARDS, STANDARD DETAILS

SET TYPE: **FINAL**
G:\CSD\19-366\Plans\19-366 Plans.dwg, INDEX

JOB NUMBER:
19-366

SHEET NUMBER:
2 of 71

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MUNICIPAL CODE, VILLAGE OF SHABBONA, ILLINOIS, CURRENT EDITION, THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", "ADOPTED JANUARY 1, 2022, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," CURRENT EDITION, SPECIAL PROVISIONS AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
- AS PART OF THE BIDDING PROCEDURE, THE CONTRACTOR SHALL VERIFY THAT THE QUANTITIES FOR PAY ITEMS, AS PRESENTED IN THESE PLAN DOCUMENTS, ARE SUBSTANTIALLY CORRECT. IF DISCREPANCIES ARE DETECTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE DISCREPANCY PRIOR TO THE BID DATE.
- GENERAL SAFETY PROVISION: TO PROVIDE DRIVERS WITH SAFE TRAVEL CONDITIONS DURING THE CONSTRUCTION PROJECT, AND TO PROVIDE SAFE WORKING CONDITIONS FOR ALL EMPLOYEES, THE RULES, REGULATIONS, AND CONDITIONS STATED BELOW WILL PREVAIL FOR THE DURATION OF THIS CONTRACT. ANY EMPLOYEE OF THE CONTRACTOR OR HIS SUBCONTRACTORS WHO REFUSES TO COMPLY WITH THESE GENERAL SAFETY PROVISIONS SHALL BE REMOVED FROM THE JOB SITE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS. THE CONTRACTOR AND ANY SUBCONTRACTORS RETAINED BY HIM SHALL COMPLY WITH THE STATE AND FEDERAL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA), JULY 1, 1987 AS IT RELATES TO CONTRACTOR'S OPERATIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS NOT THE REDUCED SIZE PLANS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO THE CONTRACT.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR DISTURBED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. REPLACEMENT OF MONUMENTS WILL BE DETERMINED BY THE ENGINEER.
- AT THE END OF EACH DAY, THE CONTRACTOR SHALL SECURE THE CONSTRUCTION WORK ZONE FROM POTENTIAL INTRUDERS.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER OF ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES, AND SHALL NOT PROCEED WITH THE WORK UNTIL ALL LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE ENGINEER OR HIS REPRESENTATIVE.
- THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
- ALL EXCESS EARTH EXCAVATION, EXCESS MATERIALS, OR OTHER REMOVED ITEMS SHALL BE HAULED OFF-SITE AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE APPROVED BY THE OWNER.
- ALL ROADWAY REMOVAL ITEMS SHALL CONFORM TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. ALL JOINTS BETWEEN THE PORTION REMOVED AND THAT LEFT IN PLACE SHALL BE SAWED TO SUCH A DEPTH THAT A CLEAN, NEAT EDGE WILL RESULT WITH NO SPALLING TO THE REMAINING PORTION. THE COST OF SAWING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ADDITIONAL SAWING OR RE-SAWING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THE COST OF SAWCUTTING THE EXISTING PAVEMENT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR IS REQUIRED TO STAY WITHIN THE NOTED PROPERTY BOUNDARIES RIGHT-OF-WAY AND EASEMENTS AS SHOWN IN THE PLANS. ANY ADDITIONAL EASEMENTS SHALL BE SECURED BY THE CONTRACTOR AT NO EXTRA COST.
- ANY AREAS DAMAGED OR DISTURBED DURING THE PROJECT AS A DIRECT OR INDIRECT RESULT OF CONTRACTOR OPERATIONS, SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION. THE COST OF SAID RESTORATION OR REPAIR SHALL BE BORNE TOTALLY BY THE CONTRACTOR, WITH NO EXTRA COMPENSATION BEING AWARDED UNDER THIS CONTRACT. THE RESPONSIBILITY FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY, STRUCTURE, LANDSCAPING, ETC., DAMAGED OR DESTROYED BY THE CONTRACTOR DURING MOBILIZATION OR CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR, WITH NO EXPENSE BEING CHARGED TO THE ENGINEER OR OWNER. PRIOR TO ACCEPTANCE OF THIS REPAIR OR REPLACEMENT, THE CONTRACTOR SHALL PRESENT THE OWNER WITH A "SIGNOFF LETTER", SIGNED BY A RESPONSIBLE OFFICIAL OF THE OWNER OF THE DAMAGED UTILITY STATING THAT THE REPAIR OR REPLACEMENT IS ACCEPTABLE.
- ALL SAW CUTS NOT SPECIFIED IN THE PLANS THAT ARE REQUIRED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE CONSIDERED INCIDENTAL.

EROSION CONTROL NOTES

- UNLESS OTHERWISE SPECIFIED, ALL EROSION AND SEDIMENT CONTROL MEASURES AND THEIR MAINTENANCE, CLEARING AND REMOVAL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, CURRENT EDITION, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.
- A NOTICE OF INTENT (NOI) AND A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WILL BE COMPLETED AND SUBMITTED TO THE ILLINOIS EPA BY THE OWNER PRIOR TO CONSTRUCTION.
- THE SWPPP SHALL BE CONSIDERED PART OF THE CONTRACT DOCUMENTS AND WILL BE AVAILABLE FOR REVIEW DURING THE BIDDING PROCESS.
- A COPY OF THE SWPPP WILL BE PROVIDED TO THE SUCCESSFUL BIDDER. THE CONTRACTOR SHALL MAINTAIN ONE COPY OF THE SWPPP AT THE CONSTRUCTION SITE AT ALL TIMES DURING WORKING HOURS FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.
- THE CONTRACTOR SHALL LEGIBLY MARK ANY CHANGES OR REVISIONS IMPLEMENTED TO THE SWPPP. AT COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL DELIVER THE SWPPP (INCLUDING ALL REVISIONS, RECORDS, AND INSPECTION REPORTS) TO THE OWNER.
- THE GENERAL CONTRACTOR AND ANY SUBCONTRACTOR RESPONSIBLE FOR SEDIMENT AND EROSION CONTROL MEASURES OR CONSTRUCTION ACTIVITIES THAT DISTURB SITE SOIL WILL BE REQUIRED TO CERTIFY THE SWPPP BEFORE A NOTICE TO PROCEED IS ISSUED.
- A COPY OF THE LETTER OF NOTIFICATION OF COVERAGE, AND THE GENERAL NPDES PERMIT NO. ILR10 MUST BE POSTED IN A PROMINENT PLACE FOR PUBLIC VIEWING AT THE CONSTRUCTION SITE BY THE GENERAL CONTRACTOR.
- THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THESE EROSION CONTROL PLANS AND IN THE SWPPP BEFORE CONSTRUCTION BEGINS.
- THE CONTROLS SHALL BE INSTALLED AS DETAILED AND WHERE INDICATED ON THE EROSION CONTROL PLAN SHEETS AND AS DIRECTED BY THE INSPECTOR.
- SITE ACTIVITIES SHOULD ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE PRACTICABLE.
- EXCEPT AS PROVIDED IN THE SWPPP, DISTURBED PORTIONS OF THE SITE SHALL BE STABILIZED (TEMPORARILY OR PERMANENTLY SEEDED, MULCHED, SODDED OR PAVED) AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 7 CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
- UNTIL SUCH TIME AS THE PROJECT SITE REACHES FINAL STABILIZATION AND A NOTICE OF TERMINATION IS FILED BY THE OWNER, THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST, REPAIR, OR REPLACE, ALL VEGETATION, EROSION CONTROLS, SEDIMENT CONTROLS, AND ANY OTHER PROTECTIVE MEASURES AS REQUIRED IN ORDER TO MAINTAIN THEIR INTENDED FUNCTION IN A GOOD AND EFFECTIVE OPERATING CONDITION.
- EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER EXPECTED DURING THE CONSTRUCTION PROCESS THAT MAY BE COMBINED WITH STORM WATER DISCHARGES ARE IDENTIFIED IN THE SWPPP. THESE DISCHARGES SHALL BE DIRECTED AWAY FROM UNPROTECTED, BARE, OR OTHERWISE UNSTABILIZED SOIL, AND APPROPRIATE POLLUTION PREVENTION MEASURES SHALL BE IMPLEMENTED SO THAT THESE DISCHARGES DO NOT CAUSE EROSION OR DEGRADE THE QUALITY OF RUNOFF FROM THE CONSTRUCTION SITE.
- REGULAR INSPECTIONS WILL BE MADE AS REQUIRED UNDER THE GENERAL NPDES PERMIT NO. ILR10 AND SPECIFIED IN THE SWPPP. A QUALIFIED INSPECTOR WILL BE PROVIDED BY THE OWNER. BASED ON THE RESULTS OF THE INSPECTIONS, POLLUTION PREVENTION MEASURES SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER EACH INSPECTION. SUCH REVISIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING EACH INSPECTION.
- THE INSPECTOR SHALL HAVE AUTHORIZATION TO DETERMINE THE ADEQUACY OF THE CONTRACTOR'S EROSION CONTROL EFFORTS. THE OWNER OR THE INSPECTOR SHALL HAVE FULL AUTHORITY OVER THE GENERAL CONTRACTOR AND ANY SUBCONTRACTOR TO CAUSE POLLUTANT CONTROL MEASURES TO BE REPAIRED, MODIFIED, MAINTAINED, SUPPLEMENTED, OR WHATEVER ELSE IS NECESSARY IN ORDER TO ACHIEVE EFFECTIVE POLLUTANT CONTROL OR TO SUSPEND OR LIMIT THE CONTRACTORS OPERATIONS PENDING ADEQUATE PERFORMANCE.
- PERIMETER EROSION BARRIER TO BE CONSTRUCTED OF SILT FENCE UNLESS NOTED OTHERWISE.
- INLET PROTECTION SHALL BE A DANDY BAG, DANDY SACK, ROCSOC, OR APPROVED EQUAL.
- EROSION CONTROL BLANKET SHALL BE OF NORTH AMERICAN GREEN DS75 OR APPROVED EQUAL.
- A TEMPORARY CONCRETE WASHOUT FACILITY SHALL BE CONSTRUCTED AT A LOCATION APPROVED BY THE ENGINEER. WASHOUT FACILITY SHALL BE UTILIZED FOR ALL APPLICABLE OPERATIONS.
- AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED FROM THE SITE, AND BECOME THE PROPERTY OF THE CONTRACTOR. CONTRACTOR MUST STABILIZE ANY AREA DISTURBED BY THE REMOVAL OF EROSION CONTROL ITEMS.
- CONTRACTOR SHALL CLEAN ANY DEBRIS TRACKED OFFSITE DAILY.



ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:

VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:

SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

GENERAL NOTES

SET TYPE: **FINAL**
G:\C30\19-366\Plans\19-366 Plans.dwg, NOTES 1

JOB NUMBER:

19-366

SHEET NUMBER:

3 of 71

STORM SEWER

1. ALL EXISTING MANHOLE CONNECTIONS MUST BE CORE-DRILLED, UNLESS A PRE-CORED HOLE, SUITABLY LOCATED, EXISTS IN THE MANHOLE.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STORM SEWER ELEVATIONS THAT PROJECT CONNECTS TO.

MATERIAL AND COMPACTION TESTING

1. A GEOTECHNICAL REPRESENTATIVE WILL BE PROVIDED AND PAID FOR BY THE OWNER FOR ANY REQUIRED TESTING. THE CONTRACTOR IS RESPONSIBLE TO FOLLOW AND MEET GUIDELINES SET BY THE GEOTECHNICAL REPRESENTATIVE.

UTILITIES

1. UTILITIES SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND NO GUARANTEE OF THEIR ACCURACY IS MADE OR INFERRED. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL-INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES THAT MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY AND ALL UTILITY COMPANIES REGARDING ADJUSTMENTS NECESSARY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND CONSIDERED INCIDENTAL TO THE PROJECT COST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND, OVERHEAD, OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR MUST VERIFY AND LOCATE ALL EXISTING UTILITIES ON OR ADJACENT TO THE SITE. PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, CONTACT J.U.L.I.E. AT 1-800-892-0123 (OR 811) FOR EXACT FIELD LOCATION OF UTILITIES, DAMAGE, AND THE COST THEREOF, TO ANY AND ALL UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY AND ALL EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE. THE ENGINEER AND SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF THE EXISTING UTILITIES SHOWN HEREON.
3. IF THERE ARE ANY UTILITIES WHICH ARE NOT MEMBERS OF THE J.U.L.I.E. SYSTEM, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THIS AND REQUESTING SAID UTILITIES TO FIELD VERIFY AND MARK PERTINENT UTILITY LOCATIONS.
4. THE UTILITY LOCATIONS, DEPTHS, ETC. SHOWN ON THESE PLANS ARE APPROXIMATE ONLY, AND SHALL BE VERIFIED BY THE CONTRACTOR WITH ALL AFFECTED UTILITY COMPANIES PRIOR TO INITIATING CONSTRUCTION OPERATIONS; THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY FOR THE ADEQUACY, SUFFICIENCY OR EXACTNESS OF THESE UTILITY REPRESENTATIONS.
5. THE CONTRACTOR SHALL CONTACT THE NECESSARY UTILITY COMPANIES FOR ANY UTILITY RELOCATIONS. THE CONTRACTOR SHALL PAY FOR ALL COSTS ASSOCIATED WITH RELOCATION OF UTILITIES ON OR ADJACENT TO THE SUBJECT PROPERTY OR WITHIN THE ROAD RIGHT-OF-WAY.
6. TRENCH BACKFILL SHALL BE FILL MATERIAL TYPE A (GRAVEL OR CA6 CRUSHED STONE,) OR TYPE C (SAND FA-1 OR SAND FA-2) IN ACCORDANCE WITH AASHTO T27 GUIDELINES AND "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", 8TH EDITION. COST SHALL BE INCLUDED IN UNIT PRICE OF PIPE.
7. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION OR HAVE THE POTENTIAL FOR CREATING FUTURE PROBLEMS SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT AT AN APPROVED LOCATION OBTAINED BY THE CONTRACTOR, ACCORDING TO THE "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION, AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. ANY AND ALL FIELD TILES AND OR STORM SEWERS DAMAGED OR ENCOUNTERED DURING THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED, REPLACED AND/OR CONNECTED IMMEDIATELY BY THE CONTRACTOR. COST FOR SAID REPAIRS, REPLACEMENT, AND/OR CONNECTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

UTILITIES

UTILITY TYPE	COMMON NAME
WATER & SEWER	VILLAGE OF SHABBONA
ELECTRIC	COMED
TELEPHONE	FRONTIER/DEKALB FIBER OPTIC
GAS	NICOR GAS
CABLE	MEDIACOM/DEKALB FIBER OPTIC

(CONTRACTOR TO BE RESPONSIBLE FOR ANY ADJUSTMENTS TO BE MADE.)

TRAFFIC CONTROL

1. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL TRAFFIC CONTROL ITEMS NECESSARY FOR THE CONSTRUCTION OF ITEMS WITH IN THE ROAD RIGHT-OF-WAY. ALL WORK PERFORMED SHALL HAVE TRAFFIC CONTROL IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
2. ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
3. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE REMOVED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING DEBRIS OFF THE ADJACENT TRAVELED LANE SURFACE. COST INCIDENTAL TO THE PROJECT.
4. THE CONTRACTOR SHALL SUBMIT MAINTENANCE OF TRAFFIC AND STAGING OF CONSTRUCTION PLANS FOR APPROVAL BY THE ENGINEER PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR SHALL PERFORM THE WORK UNDER STAGE CONSTRUCTION IN THE EVENT THAT THE CONTRACTOR WILL NEED TO CLOSE PUBLIC ROADS, CONTRACTOR SHALL SUBMIT PROPOSED DETOUR ROUTE AND ASSOCIATED SIGNAGE TO THE ENGINEER PRIOR TO COMMENCING WORK.
6. TRAFFIC CONTROL DEVICES, STREET NAME SIGNS, AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH VILLAGE OF SHABBONA ORDINANCES AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". LOCATIONS OF SIGNS AND MARKINGS SHALL BE SPECIFIED BY THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER.
7. PROVIDE TO THE ENGINEER AND THE OWNER THE NAME AND PHONE NUMBER OF INDIVIDUALS RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL MEASURES DURING CONSTRUCTION. THIS INDIVIDUAL SHALL BE AVAILABLE TO CORRECT TRAFFIC CONTROL PROBLEMS 24 HOURS PER DAY.
8. THE CONTRACTOR SHALL NOTIFY THE POST OFFICE, POLICE DEPARTMENT, FIRE DEPARTMENT, 911 DISPATCH CENTER, ILLINOIS DEPARTMENT OF TRANSPORTATION, STATE POLICE, APPROPRIATE SCHOOL DISTRICT AND THE LOCAL AGENCY A MINIMUM OF 5 DAYS PRIOR TO CLOSING ANY PORTION OF THE STREET OR ALLEY.

SUBGRADES, SUBBASES, AND BASE COURSES

1. THE CONTRACTOR WILL BE REQUIRED TO SUBSTANTIATE BASE COURSE THICKNESSES AND FINISH PAVEMENT THICKNESSES. THE ENGINEER SHALL INSPECT BASE COURSE COREOUT PRIOR TO PLACING BASE COURSE TO ENSURE REQUIRED BASE COURSE DEPTH IS PRESENT. IN ADDITION, THE ENGINEER AND/OR THE CITY ENGINEER SHALL WITNESS THE PLACEMENT OF BITUMINOUS BINDER AND SURFACE COURSE. CORE DRILLING MAY BE REQUIRED TO DEMONSTRATE THAT BASE COURSE AND PAVEMENT THICKNESSES CONFORM TO THE SPECIFICATIONS. PRIOR TO PLACING BASE COURSE MATERIAL, THE CONTRACTOR SHALL TEST ROLL THE SUBGRADE, IN THE PRESENCE OF THE ENGINEER OR HIS AGENT TO DEMONSTRATE THAT SAID SUBGRADE IS READY FOR BASE. PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE, THE SAME VERIFICATION PROCEDURE SHALL BE PERFORMED ON THE BASE COURSE MATERIAL. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO PERFORMING ANY OF THE REQUIRED TESTS SO THAT A REPRESENTATIVE MAY BE PRESENT.
2. PRIOR TO ANY EMBANKMENT OR ROAD BASE BEING PLACED, SHOULD IT BE DETERMINED BY THE ENGINEER THAT THE SUBGRADE MATERIAL IS UNSUITABLE ON WHICH TO CONSTRUCT THE ROADWAY STRUCTURE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE UNSUITABLE MATERIAL TO THE SATISFACTION OF THE ENGINEER AND REPLACING SAME WITH STABILIZING SUBBASE CONSISTING OF SUBBASE GRANULAR MATERIAL, TYPE B IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.

EXCAVATION/EARTHWORK

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.
2. PRIOR TO STARTING EARTHWORK OR UTILITY TRENCHING, THE CONTRACTOR SHALL STRIP THE SITE OF TOPSOIL TO A DEPTH OF 4" AND TO THE LIMITS APPROVED BY THE ENGINEER. THIS MATERIAL SHALL BE STOCKPILED IN A REMOTE LOCATION OF THE SITE (APPROVED BY THE ENGINEER) UNTIL THE PLAN IMPROVEMENTS ARE COMPLETED AND THE EXCESS MATERIAL SPREAD AS DIRECTED. IT SHALL THEN BE THE RESPONSIBILITY OF THE CONTRACTOR TO SPREAD THIS TOPSOIL MATERIAL IN AREAS OF THE SITE, OVER AREAS WHERE EXCESS EXCAVATED MATERIAL, SAND, GRAVEL HAS BEEN SPREAD OR IN OTHER AREAS AS DESIGNATED BY THE ENGINEER. THE MATERIAL SHALL THEN BE COMPACTED TO A MINIMAL DEPTH OF 4" AND FINE GRADED IN A MANNER ACCEPTABLE TO THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
3. CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD) REQUIREMENTS--"THE CONTRACTOR IS RESPONSIBLE FOR THE ASSESSMENT AND PROPER DISPOSAL OF ALL EXCESS SOIL AND SUBSURFACE MATERIALS THAT ARE NOT ABLE TO BE RE-USED ON THE PROJECT SITE AS SUITABLE CLEAN FILL. CONTRACTOR RESPONSIBILITY'S SHALL INCLUDE ALL REQUIRED SOIL SAMPLING, LABORATORY ANALYSIS, DISPOSAL PROFILING FEES, TRANSPORTATION, AND DISPOSAL TIPPING FEES AND SURCHARGES."
4. ROCK IS NOT ANTICIPATED TO BE ENCOUNTERED.
5. ALL EXCAVATIONS FOR STRUCTURES AND PIPE SHALL BE KEPT DEWATERED DURING CONSTRUCTION UNTIL BACKFILL IS IN PLACE. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. (COST INCIDENTAL)
6. EARTH EXCAVATION SHALL CONFORM TO SECTION 202 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. THIS WORK SHALL INCLUDE THE EXCAVATION OF ALL MATERIALS TO DESIGN SUBGRADE ELEVATIONS INDICATED IN THE PLANS.
7. SHEETING AND SHORING SHALL BE CONSIDERED INCIDENTAL TO CONTRACT IF REQUIRED.
8. WHENEVER THE CONTRACTOR WORKS NEAR EXISTING FACILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THESE FACILITIES. PUSH HOLES AND SEARCH HOLES THAT ARE DUG BY THE CONTRACTOR SHALL BE BACKFILLED BY TAMPING THE EXCAVATED MATERIAL BACK IN PLACE TO KEEP SETTLEMENT TO A MINIMUM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. EMBANKMENT WORK SHALL CONSIST OF THE CONSTRUCTION OF EMBANKMENTS BY DEPOSITING, PLACING AND COMPACTING EARTH, STONE, GRAVEL OR OTHER MATERIALS OF ACCEPTABLE QUALITY ABOVE THE NATURAL GROUND OR OTHER SURFACE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
10. IF SUFFICIENT TOPSOIL IS NOT PRESENT, THE CONTRACTOR SHALL SPREAD FURNISHED TOPSOIL SO AS TO MEET THE REQUIREMENTS OF THE CONTRACT. FURNISHED TOPSOIL SHALL ONLY BE USED WITH APPROVAL BY THE ENGINEER. THIS FURNISHED TOPSOIL SHALL BE PAID FOR AS FURNISHED TOPSOIL IN PLACE, DEPTH SPECIFIED.
11. IN PROPOSED FILL AREAS FOR PAVEMENT AND EMBANKMENT, TOPSOIL AND TURF SHALL BE SCARIFIED AND REMOVED PRIOR TO CONSTRUCTING THE EMBANKMENT.



ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:

VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:

SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

GENERAL NOTES

SET TYPE: FINAL
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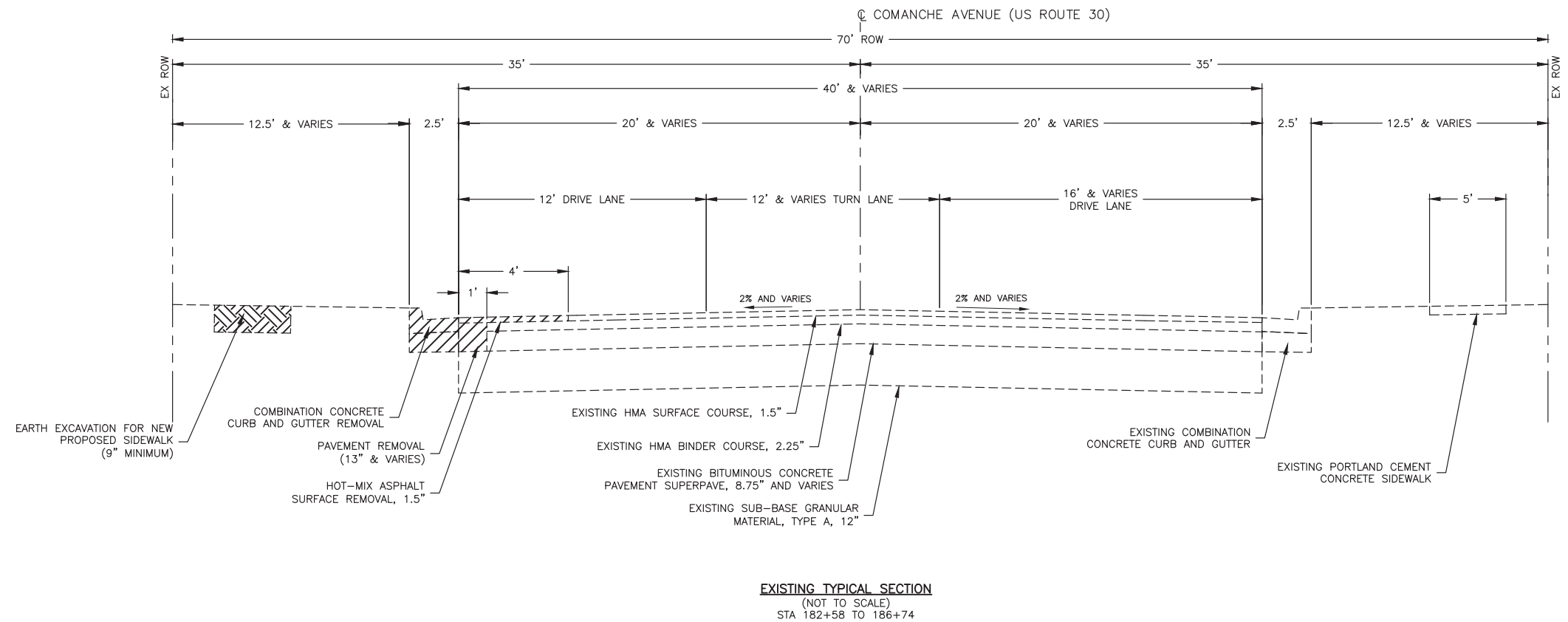
JOB NUMBER:

19-366

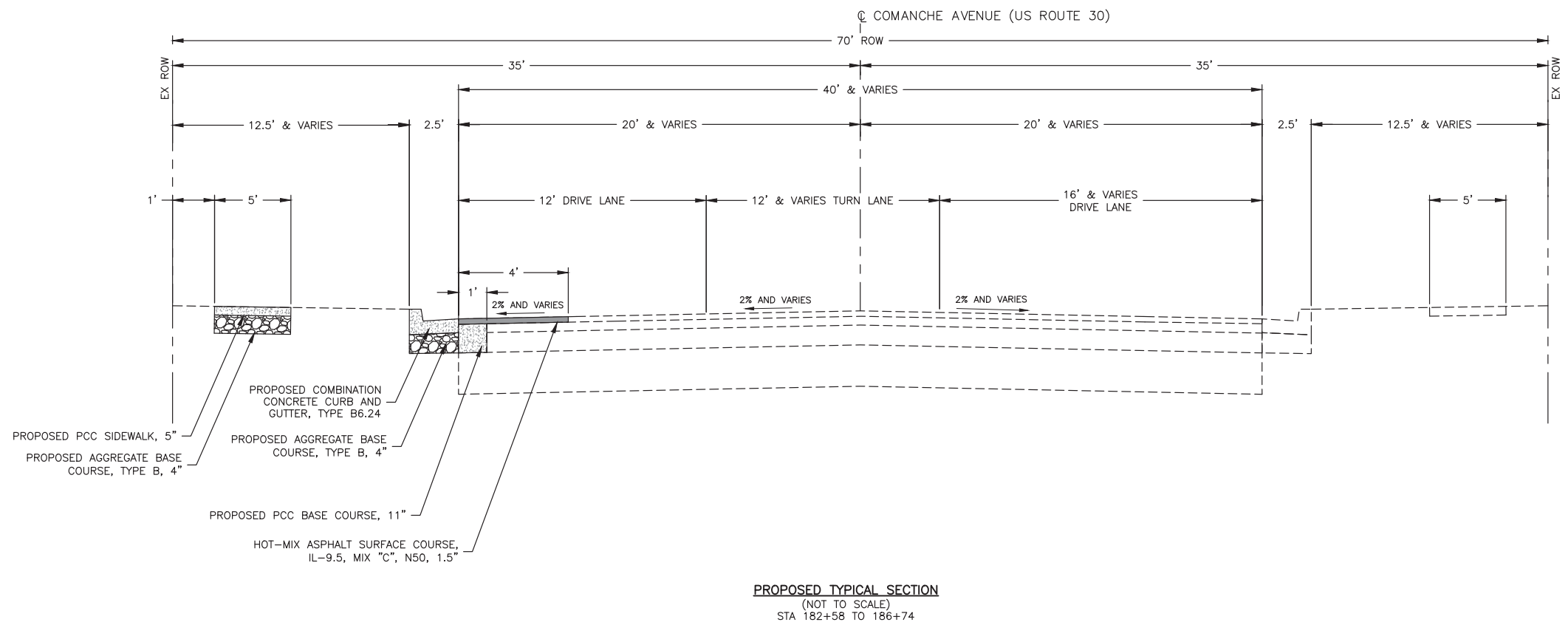
SHEET NUMBER:

4 of 71

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



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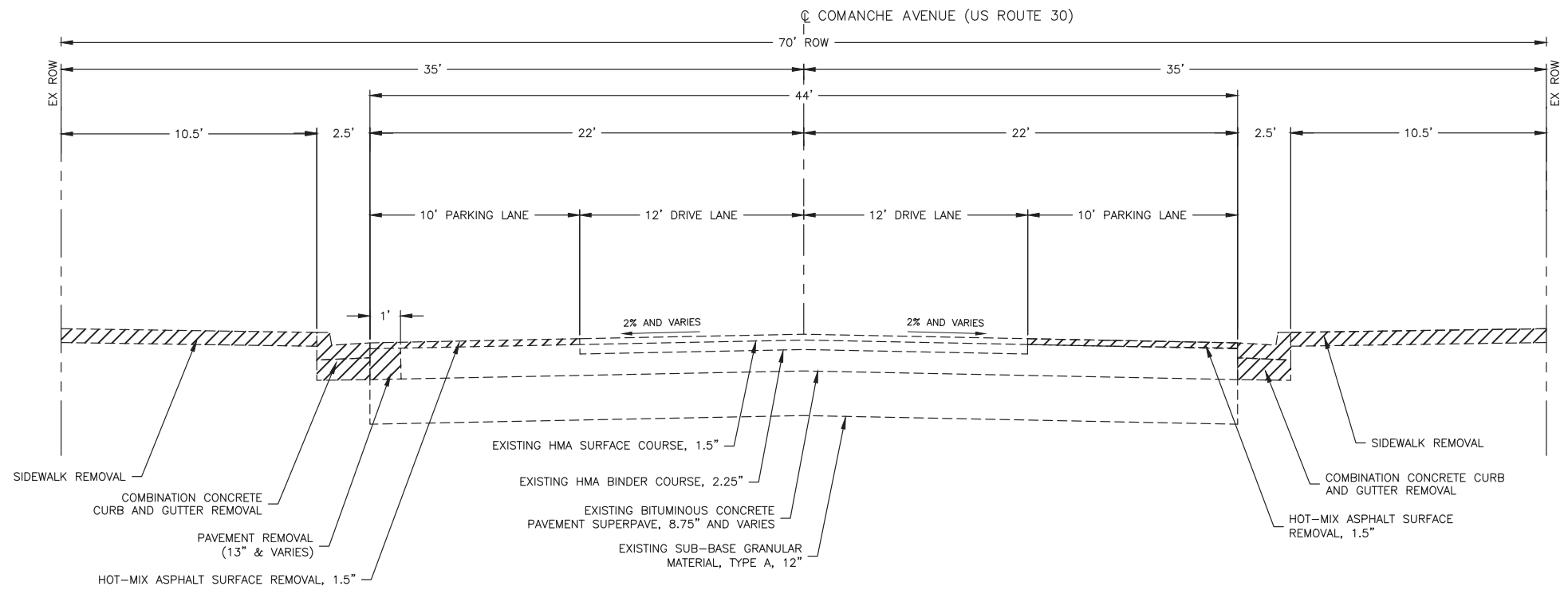
DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

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SET TYPE: FINAL
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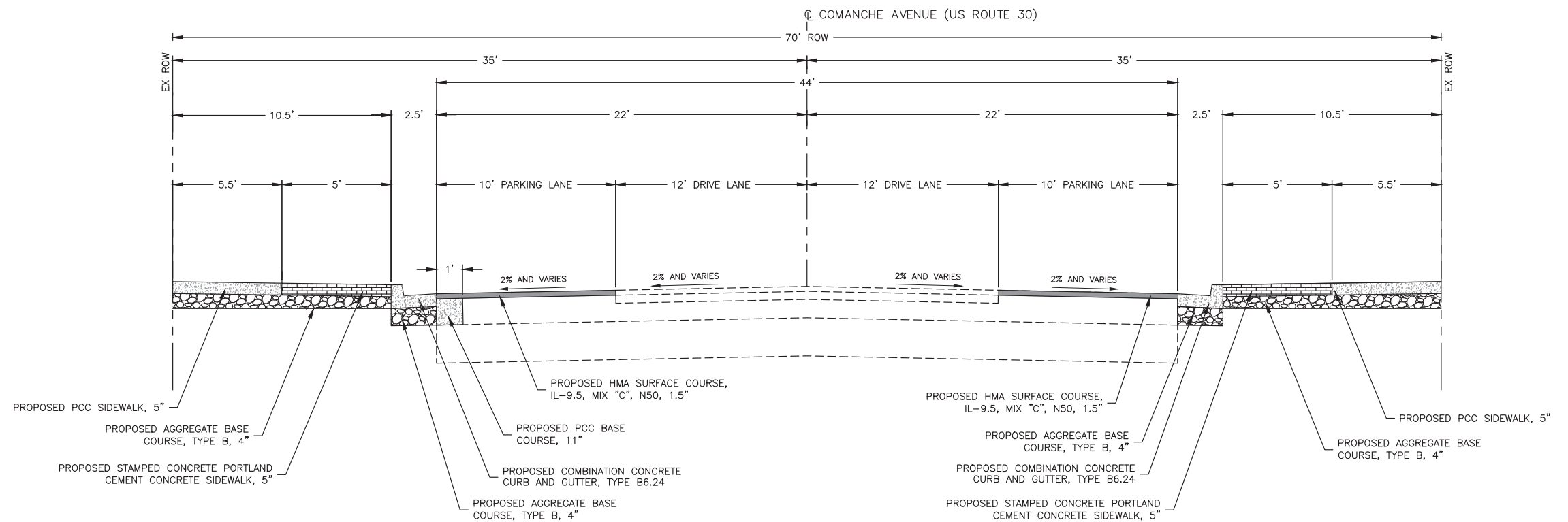
JOB NUMBER:
19-366
SHEET NUMBER:
6 of 71

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



EXISTING TYPICAL SECTION
(NOT TO SCALE)
STA 188+45 TO 189+20

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



PROPOSED TYPICAL SECTION
(NOT TO SCALE)
STA 188+45 TO 189+20

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SHABBONA, IL

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DATE: 05/17/2023
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

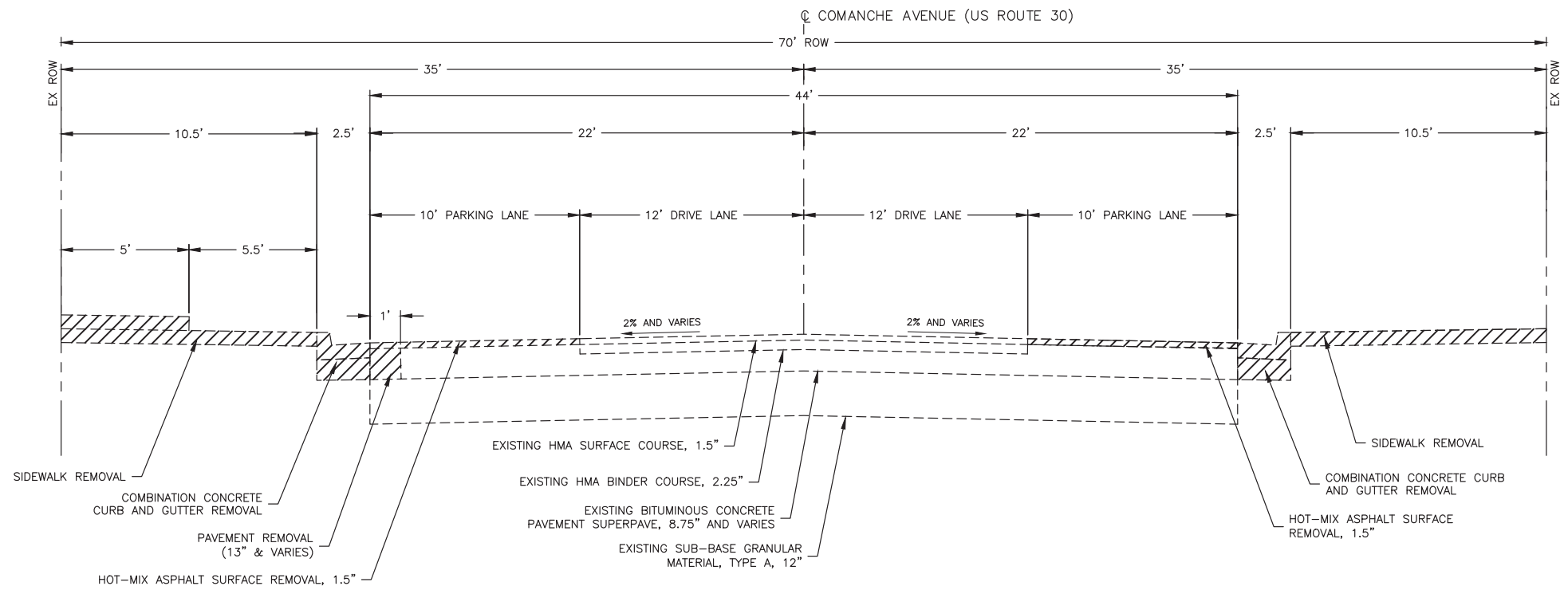
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19-366

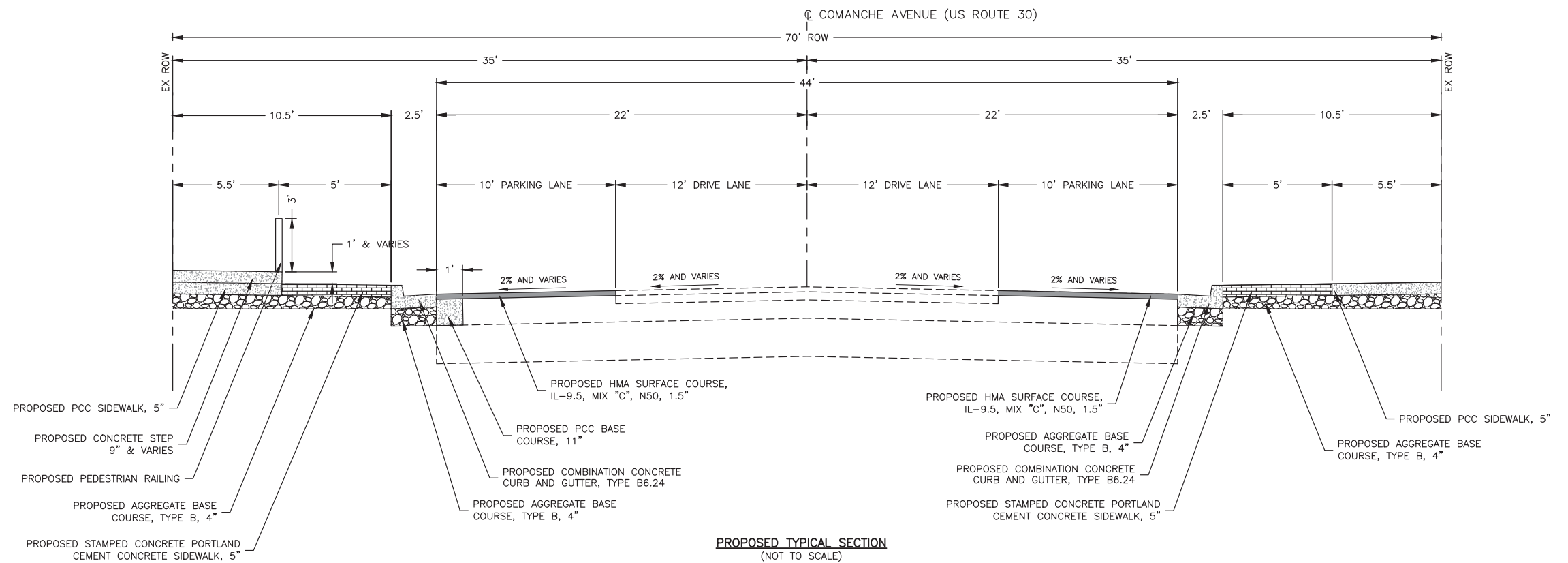
SHEET NUMBER:
7 of 71

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



EXISTING TYPICAL SECTION
(NOT TO SCALE)
STA 189+20 TO 190+45

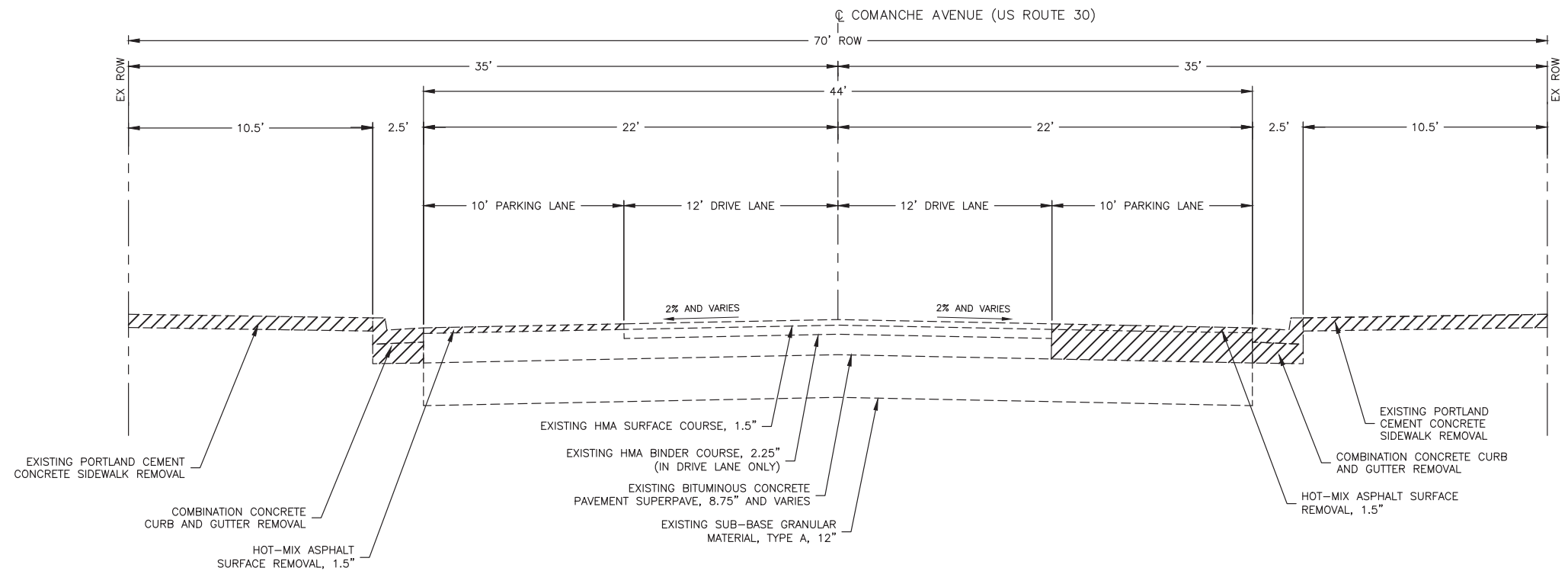
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LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



PROPOSED TYPICAL SECTION
(NOT TO SCALE)
STA 189+20 TO 190+45

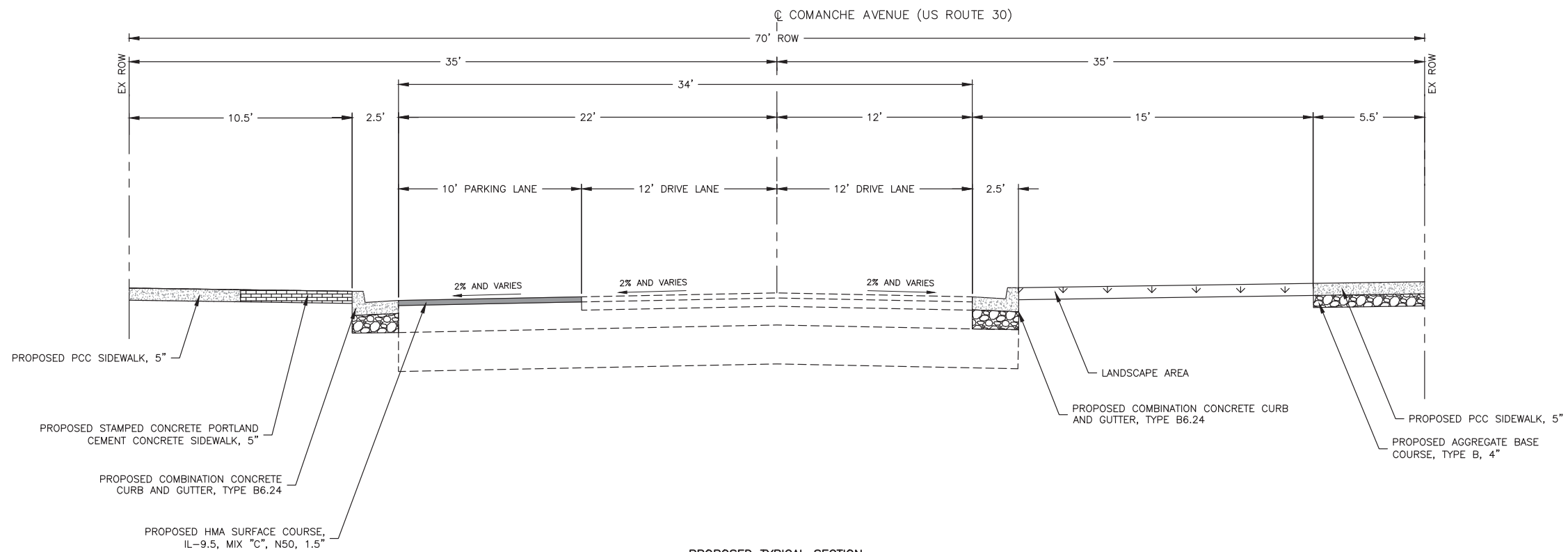
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THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



EXISTING TYPICAL SECTION
(NOT TO SCALE)
STA 190+45 TO 192+12

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



PROPOSED TYPICAL SECTION
(NOT TO SCALE)
STA 190+45 TO 192+12

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

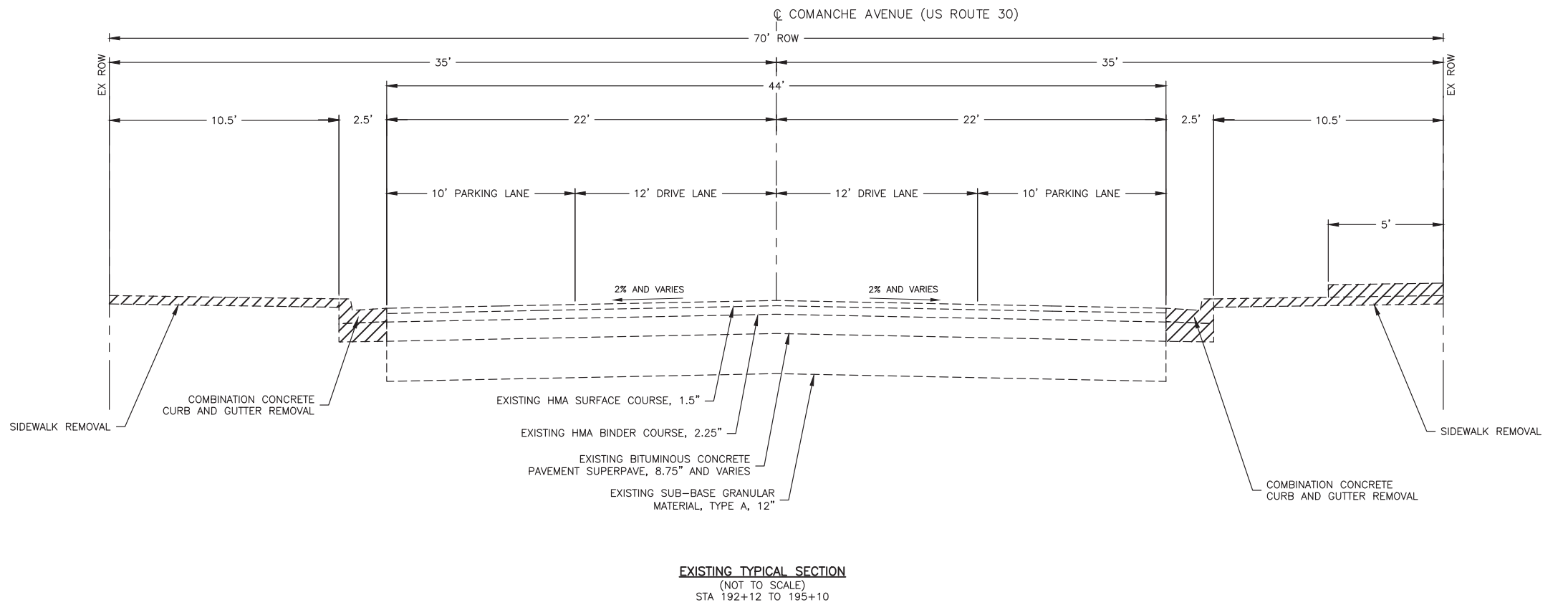
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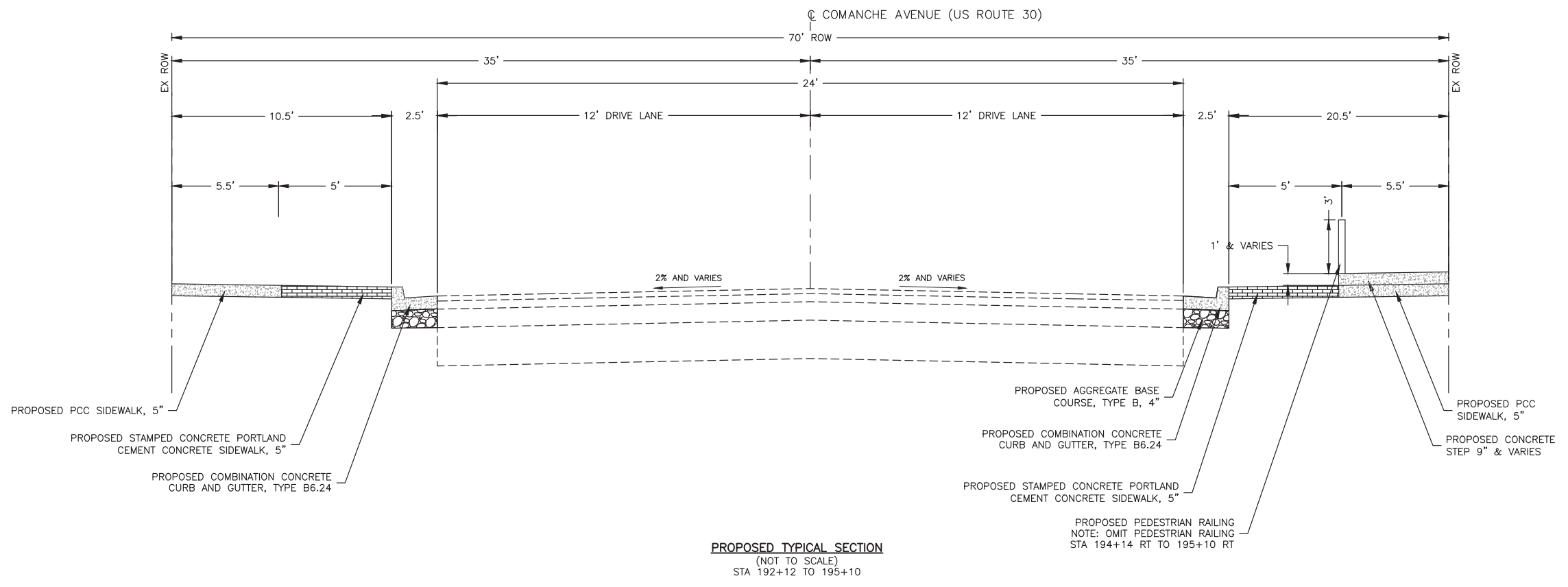
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JOB NUMBER:
19-366
SHEET NUMBER:
9 of 71

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
LIFT THICKNESS:	1.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)
MIXTURE USE(S):	HMA SURFACE
PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	N/A



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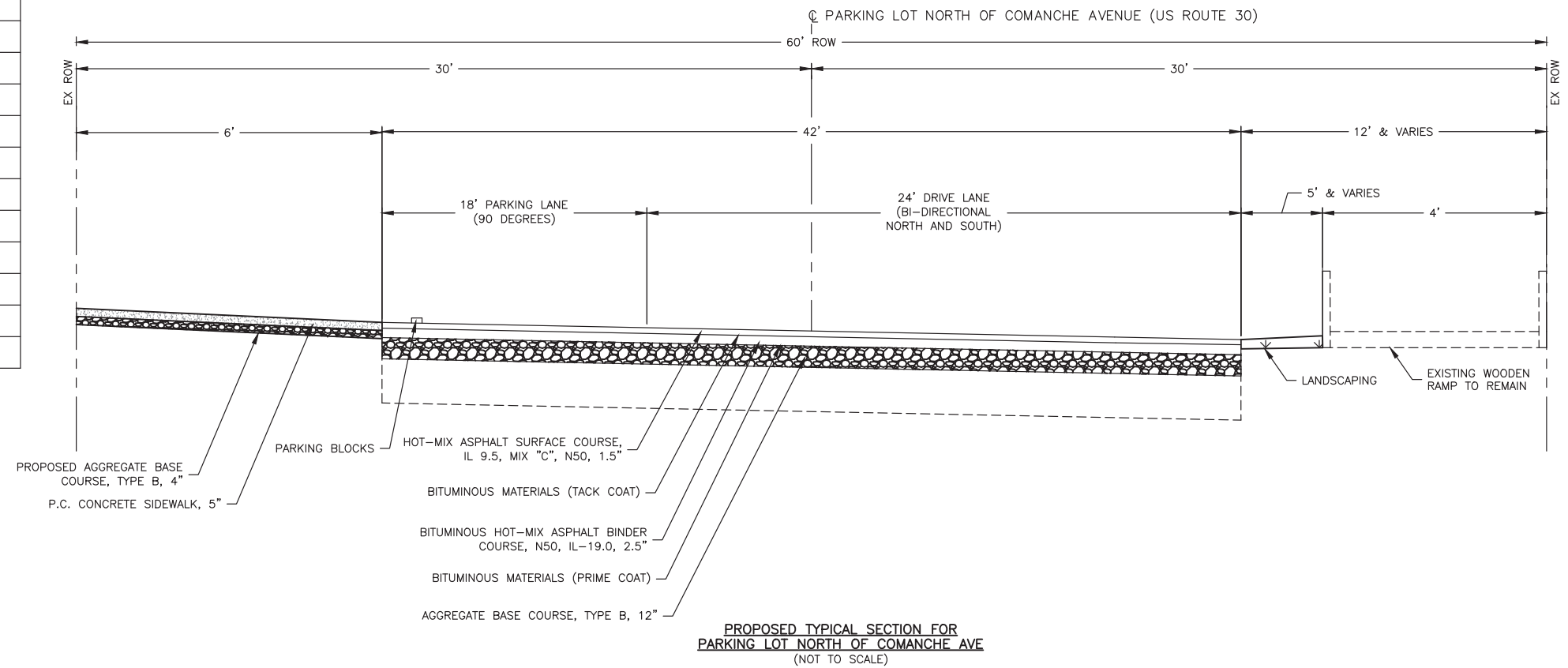
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REV. NO.	DESCRIPTION	DATE

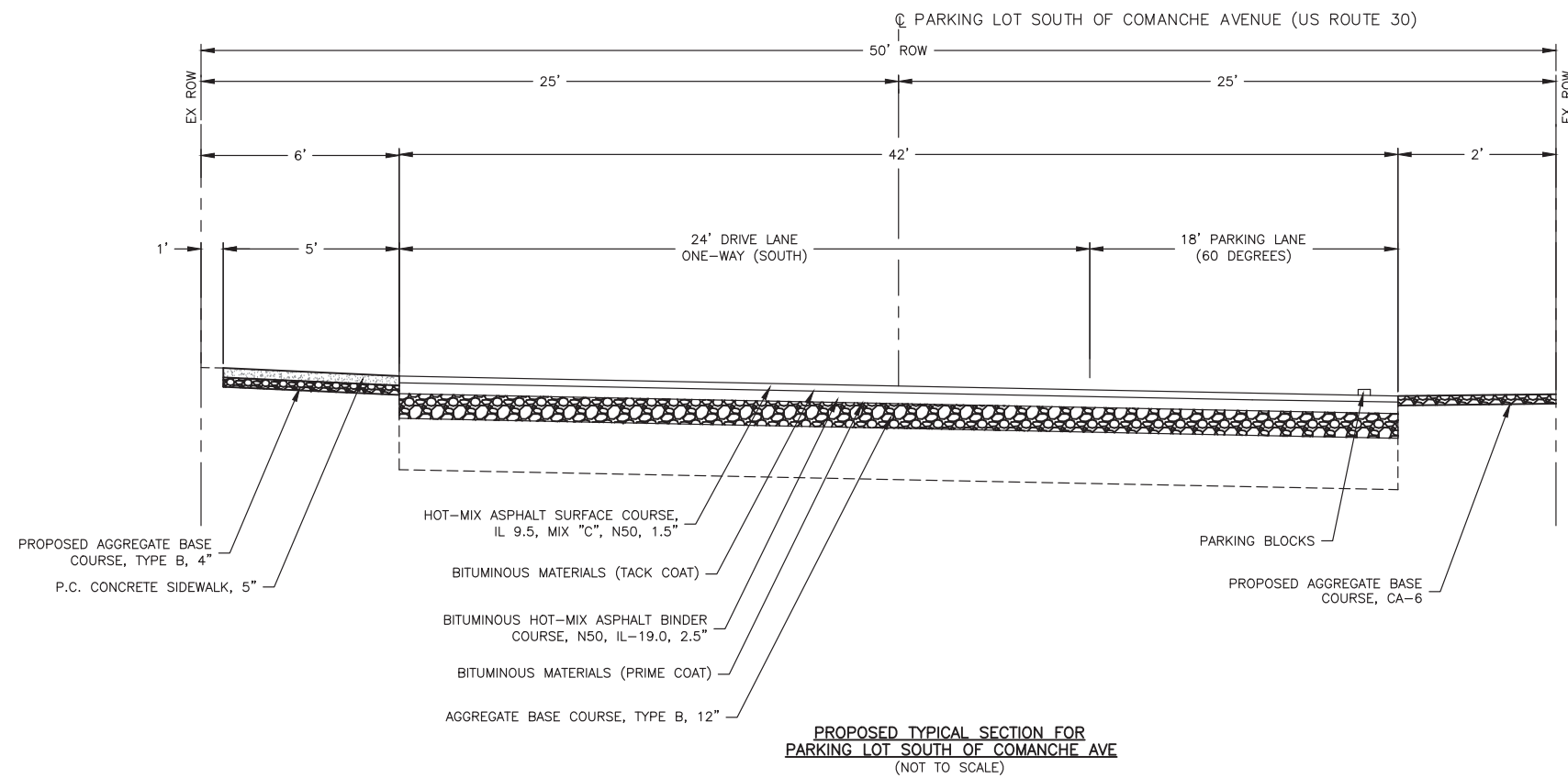
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SET TYPE: FINAL
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JOB NUMBER:
19-366
SHEET NUMBER:
10 of 71

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:		
LIFT THICKNESS:	1.5"	2.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)	PARKING LOTS
MIXTURE USE(S):	HMA SURFACE	HMA BINDER
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-19.0
FRICTION AGGREGATE:	C	C
MIXTURE WEIGHT:	112 lb/sy/in	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
MATERIAL TRANSFER DEVICE:	N/A	N/A



THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:		
LIFT THICKNESS:	1.5"	2.5"
LOCATION(S):	COMANCHE AVE (ENTIRE PROJECT)	PARKING LOTS
MIXTURE USE(S):	HMA SURFACE	HMA BINDER
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-19.0
FRICTION AGGREGATE:	C	C
MIXTURE WEIGHT:	112 lb/sy/in	112 lb/sy/in
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
MATERIAL TRANSFER DEVICE:	N/A	N/A



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PROJECT AND LOCATION:
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STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
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TYPICAL SECTIONS

SET TYPE: **FINAL**
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JOB NUMBER:
19-366

SHEET NUMBER:
11 of 71

SHABBONA DOWNTOWN STREETSAPES - SUMMARY OF QUANTITIES - 23-00019-01-LS							
SPECIALTY ITEM	ITEM #	PAY ITEMS	UNIT	TOTAL QUANTITY	ITEP FUNDS - CONSTRUCTION CODE 0028 (80% FEDERAL / 20% LOCAL)	LOCAL SHARE FUNDS (100% LOCAL)	ITEP FUNDS LIGHTING - CONSTRUCTION CODE 0028 (50% FEDERAL / 50% LOCAL)
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	18	18	0	0
	20200100	EARTH EXCAVATION	CU YD	428	28	400	0
*	25200110	SODDING, SALT TOLERANT	SQ YD	151	151	0	0
	28000500	INLET AND PIPE PROTECTION	EACH	11	11	0	0
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	2125	2033	92	0
	35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	938	0	938	0
	35300600	PORTLAND CEMENT CONCRETE BASE COURSE 11"	SQ YD	95	95	0	0
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	135	0	135	0
	40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	158	75	83	0
	40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2015	0	2015	0
	40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	793	388	405	0
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	519	507	12	0
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8403	7128	1275	0
	42400800	DETECTABLE WARNINGS	SQ FT	40	40	0	0
	44000100	PAVEMENT REMOVAL	SQ YD	1719	437	1282	0
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	810	810	0	0
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	498	498	0	0
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1430	1430	0	0
	44000600	SIDEWALK REMOVAL	SQ FT	10721	10721	0	0
	44213200	SAW CUTS	FOOT	1430	1430	0	0
*	50900805	PEDESTRIAN RAILING	FOOT	250	250	0	0
	55100500	STORM SEWER REMOVAL 12"	FOOT	10	10	0	0
	55101200	STORM SEWER REMOVAL, 24"	FOOT	15	15	0	0
	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1	0	0
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0	0
	60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1	0	0
	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	4	4	0	0
	60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	0	0
	60260100	INLETS TO BE ADJUSTED	EACH	5	5	0	0
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	10	10	0	0
	60500060	REMOVING INLETS	EACH	2	2	0	0
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1527	1527	0	0
*	64000110	SIGHT SCREEN (CHAIN LINK FENCE) 6'	FOOT	45	0	45	0
*	66400305	CHAIN LINK FENCE, 6'	FOOT	30	0	30	0
*	66407600	CHAIN LINK GATES, 6' X 12' DOUBLE	EACH	1	0	1	0
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	114	114	0	0
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	0	0
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	0	0
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DAY	9	9	0	0
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10	0	0
	67100100	MOBILIZATION	L SUM	1	1	0	0
	70107004	PAVEMENT MARKING BLACKOUT TAPE, 4"	FOOT	1805	1805	0	0
	70107008	PAVEMENT MARKING BLACKOUT TAPE, 8"	FOOT	160	160	0	0
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	9800	9800	0	0
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	40	0	40	0
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	820	294	526	0
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	275	275	0	0
*	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	70	0	0	70
*	81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	2500	0	0	2500
*	81702420	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	4804	0	0	4804
*	81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1000	0	0	1000

SHABBONA DOWNTOWN STREETSAPES - SUMMARY OF QUANTITIES - 23-00019-01-LS							
SPECIALTY ITEM	ITEM #	PAY ITEMS	UNIT	TOTAL QUANTITY	ITEP FUNDS - CONSTRUCTION CODE 0028 (80% FEDERAL / 20% LOCAL)	LOCAL SHARE FUNDS (100% LOCAL)	ITEP FUNDS LIGHTING - CONSTRUCTION CODE 0028 (50% FEDERAL / 50% LOCAL)
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	111	0	0	111
*	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	13	0	0	13
*	A2000086	TREE, ACER X FREEMANII ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4	0	0
*	A2003021	TREE, CELTIS OCCIDENTALIS JFS-KSU1 (PRAIRIE SENTINEL HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	0	0
*	A2006519	TREE, ULMUS TRIUMPH MORTON GLOSSY (HYBRID ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7	0	0
*	C2000660	SHRUB, ARONIA MELANOCARPA MORTON (IROQUOIS BEAUTY BLACK CHOKEBERRY), 2'-6" HEIGHT, BALLED AND BURLAPPED	EACH	5	5	0	0
*	C2002437	SHRUB, DIERVILLA G2X88544 (KODIAK ORANGE BUSH HONEYSUCKLE), CONTAINER GROWN, 3-GALLON	EACH	27	27	0	0
*	C2005228	SHRUB, POTENTILLA FRUTICOSA KIPINPA, (HAPPY FACE PINK PARADISE CINQUEFOIL), CONTAINER GROWN, 18" HEIGHT, 3-GALLON	EACH	10	10	0	0
*	C20058G5	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 5-GALLON	EACH	3	3	0	0
*	C20132G3	SHRUB, WEIGELA MINUET (MINUET OLD FASHIONED WEIGELA), 3-GALLON CONTAINER	EACH	4	4	0	0
*	C2015302	SHRUB, JUNIPERUS CHINENSIS KALLAY'S COMPACTA, (KALLAY COMPACT JUNIPER), 5-GALLON	EACH	6	6	0	0
*	C2C06402	SHRUB, ROSA AMBER ROSE (AMBER ROSE FLOWER CARPET ROSE) 24" HEIGHT, CONTAINER	EACH	4	4	0	0
*	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	10.76	10.76	0	0
*	K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	UNIT	0.29	0.29	0	0
*	K1001988	IRRIGATION SYSTEM SPECIAL	L SUM	1	1	0	0
*	X0322330	HANDICAP SIGN	EACH	2	0	2	0
	X0323378	CONCRETE PARKING BLOCKS	EACH	18	0	18	0
	X0326671	CONCRETE SURFACE COLOR TREATMENT	SQ FT	1670	1670	0	0
*	X0326696	SIGN AND POST	EACH	7	2	5	0
	X0326806	WASHOUT BASIN	L SUM	1	1	0	0
*	X0325379	DIRECTIONAL BORING	FOOT	2460	0	0	2460
	X0327301	RELOCATE EXISTING MAILBOX	EACH	1	1	0	0
	X0327997	TRASH RECEPTACLES	EACH	12	12	0	0
*	X1400210	LIGHT POLE, SPECIAL, 12'	EACH	6	0	6	0
*	X1400449	MODIFY EXISTING CABINET EQUIPMENT AND APPURTENANCES	EACH	2	0	0	2
	X1700067	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	4367	4367	0	0
	X5510010	STORM SEWER CONNECTION	EACH	14	14	0	0
	X6010302	TRENCH DRAIN	FOOT	106	106	0	0
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	0	0
*	X7240500	RELOCATE EXISTING SIGNS	EACH	3	3	0	0
*	X8300001	LIGHT POLE, SPECIAL	EACH	18	0	0	18
*	X8130110	JUNCTION BOX (SPECIAL)	EACH	4	0	0	4
*	XX008268	DECORATIVE GATEWAY ELEMENT	EACH	1	0	1	0
*	XX008811	GATE, SPECIAL	EACH	1	1	0	0
*	XX009591	LANDSCAPING PLANTER	EACH	14	14	0	0
	Z0012450	CONCRETE STEPS	CU YD	4	4	0	0
	Z0012455	CONCRETE STEP REMOVAL	EACH	2	2	0	0
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	0	0
	Z0003850	BENCHES	EACH	16	0	16	0
	Z0003855	BICYCLE RACKS	EACH	9	9	0	0
	Z0007126	HANDRAIL REMOVAL	FOOT	85	85	0	0



ILLINOIS
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OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETScape
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SUMMARY OF QUANTITIES

SET TYPE: FINAL
G:\CSD\19-366\Plan\19-366 Plans.dwg, 500

JOB NUMBER:
19-366

SHEET NUMBER:
12 of 71

20100110 - TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNIT)	
184+45 LT	6
190+50 LT	6
193+20 LT	6
TOTAL	18
20200100 - EARTH EXCAVATION (CU YD)	
182+63 - 186+68 LT	28
194+00 LT	143
194+00 RT	257
TOTAL	428
25200110 - SODDING, SALT TOLERANT (SQ YD)	
PROJECT	151
28000500 - INLET AND PIPE PROTECTION (EACH)	
182+73 LT	1
185+20 LT	1
188+70 RT	1
188+85 LT	1
189+81 RT	1
190+31 RT	1
190+77 LT	1
190+77 RT	1
192+30 LT	1
192+30 RT	1
194+74 LT	1
TOTAL	11
35101600 - AGGREGATE BASE COURSE, TYPE B 4" (SQ YD)	
182+50 - 187+00 LT	237
188+50 - 191+00 LT	450
188+50 - 191+00 RT	335
191+00 - 195+00 LT	583
191+00 - 195+00 RT	520
TOTAL	2125
35102400 - AGGREGATE BASE COURSE, TYPE B 12" (SQ YD)	
194+00 LT	320
194+00 RT	618
TOTAL	938

35300600 - PORTLAND CEMENT CONCRETE BASE COURSE 11" (SQ YD)	
PROJECT	95
TOTAL	95
40603080 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (TON)	
194+00 LT	48
194+00 RT	87
TOTAL	135
40604050 - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 (TON)	
194+00 LT	30
194+00 RT	53
188+50 - 195+10 LT	46
188+50 - 195+10 RT	29
TOTAL	158
40800025 - BITUMINOUS MATERIALS (PRIME COAT) (POUND)	
194+00 LT	720
194+00 RT	1295
TOTAL	2015
40800029 - BITUMINOUS MATERIALS (TACK COAT) (POUND)	
194+00 LT	145
194+00 RT	260
188+50 - 195+10 LT	237
188+50 - 195+10 RT	151
TOTAL	793
42300300 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (SQ YD)	
182+90 - 184+15 LT	90
185+40 - 186+60 LT	104
189+50 - 191+25 LT	81
189+75 - 190+75 RT	116
194+15 LT	58
194+15 RT	58
194+00 LT	12
TOTAL	519

42400200 - PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	
182+50 - 186+80 LT	1472
188+50 - 191+00 LT	1670
188+50 - 191+00 RT	835
191+00 - 195+00 LT	1835
191+00 - 195+00 RT	1316
194+00 LT	585
194+10 RT	690
TOTAL	8403
42400800 - DETECTABLE WARNINGS (SQ FT)	
194+15 LT	10
194+15 RT	10
194+40 LT	10
194+40 RT	10
TOTAL	40
44000100 - PAVEMENT REMOVAL (SQ YD)	
182+50 - 186-90 LT	87
188+60 - 191+00 LT	111
188+50 - 189+60 RT	78
192+10 - 194+00 LT	76
192+10 - 194+00 RT	85
194+80 LT	482
194+80 RT	800
TOTAL	1719
44000200 - DRIVEWAY PAVEMENT REMOVAL (SQ YD)	
182+80 - 184+10 LT	134
185+50 - 186+80 LT	160
189+50 - 191+25 LT	55
189+70 - 190+60 RT	94
194+20 LT	55
TOTAL	498

44000500 - COMBINATION CURB AND GUTTER REMOVAL (FOOT)	
182+50 - 184+10 LT	160
185+10 - 186+80 LT	145
188+50 - 191+30 LT	290
188+50 - 191+30 RT	275
192+15 - 195+25 LT	285
192+15 - 195+25 RT	275
TOTAL	1430
44000600 - SIDEWALK REMOVAL (SQ FT)	
188+50 - 191+50 LT	2406
188+50 - 191+50 RT	1487
191+50 - 195+00 LT	3863
191+50 - 195+00 RT	2965
TOTAL	10721
44213200 - SAW CUTS (FOOT)	
182+50 - 184+10 LT	160
185+10 - 186+80 LT	145
188+50 - 191+50 LT	270
188+30 - 191+30 RT	270
192+10 - 195+15 LT	295
192+10 - 195+15 RT	290
TOTAL	1430
50900805 - PEDESTRIAN RAILING (FOOT)	
189+20 - 190+40 LT	100
192+30 - 194+00 RT	150
TOTAL	250
55100500 - STORM SEWER REMOVAL 12" (FOOT)	
190+80 LT	10
TOTAL	10
55101200 - STORM SEWER REMOVAL 24" (FOOT)	
PROJECT	15
60219000 - MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE (EACH)	
189+70 RT	1
60221100 - MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID (EACH)	
194+70 RT	1
60221700 - MANHOLES, TYPE A, 5' DIAMETER, TYPE 8 GRATE (EACH)	
190+75 RT	1

60260100 - INLETS, TYPE B, TYPE 3 FRAME AND GRATE (EACH)	
189+75 RT	1
190+30 RT	1
190+75 LT	1
190+75 RT	1
TOTAL	4
60255500 - MANHOLES TO BE ADJUSTED (EACH)	
182+60 LT	1
60260100 - INLETS TO BE ADJUSTED (EACH)	
188+90 LT	1
188+80 RT	1
192+30 LT	1
192+25 RT	1
194+60 LT	1
TOTAL	5
60266600 - VALVE BOXES TO BE ADJUSTED (EACH)	
189+30 LT	1
190+90 LT	1
192+00 LT	3
192+95 RT	1
193+50 LT	1
194+40 RT	1
194+65 LT	1
194+80 RT	1
TOTAL	10
60500060 - REMOVING INLETS (EACH)	
190+70 LT	1
190+70 RT	1
TOTAL	2
60605000 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)	
182+75 - 184+20 LT	160
185+30 - 186+90 LT	145
188+50 - 191+40 LT	305
188+50 - 191+40 RT	315
192+10 - 195+15 LT	300
192+10 - 195+15 RT	302
TOTAL	1527

64000110 - SIGHT SCREEN (CHAIN LINK FENCE) 6' (FOOT)	
194+20 LT	45
66400305 - CHAIN LINK FENCE, 6' (FOOT)	
194+20 LT	30
66407600 - CHAIN LINK GATES, 6' X 12' DOUBLE (EACH)	
194+20 LT	1
67100100 - MOBILIZATION (L SUM)	
PROJECT	1
70107004 - PAVEMENT MARKING BLACKOUT TAPE, 4" (FOOT)	
182+50 - 187+50	1640
188+50 - 191+50	75
191+50 - 195+00	90
TOTAL	1805
70107008 - PAVEMENT MARKING BLACKOUT TAPE, 8" (FOOT)	
182+50 - 184+90	160
70307120 - TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (FOOT)	
182+75 - 188+00	4200
188+00 - 192+00	3200
192+00 - 195+00	2400
TOTAL	9800
78000100 - THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)	
194+00 LT	11
194+50 RT	29
TOTAL	40
78000200 - THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FOOT)	
188+50 - 191+50 LT / RT	160
192+10 - 195+10 LT / RT	134
194+00 LT	114
194+50 RT	412
TOTAL	820



ILLINOIS
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OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SCHEDULE OF QUANTITIES

SET TYPE: FINAL
G:\CSD\19\19-366\Plans\19-366 Plans.dwg, SCHEDULE

JOB NUMBER:
19-366

SHEET NUMBER:
13 of 71

78000600 - THERMOPLASTIC PAVEMENT MARKING - LINE 12"	
PROJECT	275
81028720 - UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA. (FOOT)	
PROJECT	70
81028730 - UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA. (FOOT)	
181+50 - 187+60 LT	680
181+50 - 187+60 RT	640
187+60 - 191+80 LT	550
191+80 - 195+25 LT	330
194+50 - 195+75 RT	120
194+10 LT	60
194+50 RT	120
TOTAL	2500
81702420 - ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8 (FOOT)	
PROJECT	4804
81702450 - ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10 (FOOT)	
PROJECT	1000
83600200 - LIGHT POLE FOUNDATION, 24" DIAMETER (FOOT)	
PROJECT	111
84200600 - REMOVAL OF LIGHTING UNIT, NO SALVAGE (EACH)	
182+85 LT	1
184+85 LT	1
186+78 LT	1
188+45 RT	1
188+47 LT	1
190+35 LT	1
190+65 RT	1
192+20 LT	1
192+20 RT	1
193+95 LT	1
193+95 RT	1
195+82 LT	1
195+82 RT	1
TOTAL	13

A2000086 - TREE, ACER X FREEMANII ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED (EACH)	
PROJECT	4
A2003021 - TREE, CELTIS OCCIDENTALIS JFS-KSU1 (PRAIRIE SENTINEL HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED (EACH)	
PROJECT	2
A2006519 - TREE, ULMUS TRIUMPH MORTON GLOSSY (HYBRID ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED (EACH)	
PROJECT	7
C2000660 - SHRUB, ARONIA MELANOCARPA MORTON (IROQUOIS BEAUTY BLACK CHOKEBERRY), 2-6" HEIGHT, BALLED AND BURLAPPED (EACH)	
PROJECT	5
C2002437 - SHRUB, DIERVILLA G2X88544 (KODIAK ORANGE BUSH HONEYSUCKLE), CONTAINER GROWN, 3-GALLON (EACH)	
PROJECT	27
C2005228 - SHRUB, POTENTILLA FRUTICOSA KIPINPA, (HAPPY FACE PINK PARADISE CINQUEFOIL), CONTAINER GROWN, 18" HEIGHT, 3-GALLON (EACH)	
PROJECT	10
C20058G5 - SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 5-GALLON (EACH)	
PROJECT	3
C20132G3 - SHRUB, WEIGELA MINUET (MINUET OLD FASHIONED WEIGELA), 3-GALLON CONTAINER (EACH)	
PROJECT	4
C2015302 - SHRUB, JUNIPERUS CHINENSIS KALLAY'S COMPACTA, (KALLAY COMPACT JUNIPER), 5-GALLON (EACH)	
PROJECT	6
C2C06402 - SHRUB, ROSA AMBER ROSE (AMBER ROSE FLOWER CARPET ROSE) 24" HEIGHT, CONTAINER	
PROJECT	4
K0012990 - PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT (UNIT)	
PROJECT	10.76
K0012993 - PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT (UNIT)	
PROJECT	0.29
K1001988 - IRRIGATION SYSTEM SPECIAL (L SUM)	
PROJECT	1
X0322330 - HANDICAP SIGN (EACH)	
194+00 LT	1
194+55 RT	1
TOTAL	2

X0323378 - CONCRETE PARKING BLOCKS (EACH)	
194+00 LT	7
194+55 RT	11
TOTAL	18
X0326671 - CONCRETE SURFACE COLOR TREATMENT	
191+10 LT - 192+30 LT / RT	1670
X0326696 - SIGN AND POST (EACH)	
190+05 LT	1
190+50 LT	1
194+15 LT	1
194+15 RT	1
194+40 LT	1
194+50 LT	1
194+50 RT	1
TOTAL	7
X0326806 - WASHOUT BASIN (EACH)	
PROJECT	1
X0325379 - DIRECTIONAL BORING (FOOT)	
PROJECT	2460
X0327301 - RELOCATE EXISTING MAILBOX (EACH)	
180+20 LT	1
X0327997 - TRASH RECEPTACLES (EACH)	
188+50 LT,RT	2
190+50 LT	1
191+50 RT	1
191+75 LT	1
192+15 LT	1
192+90 LT,RT	2
193+85 LT,RT	2
194+95 LT,RT	2
TOTAL	12
X1400210 - LIGHT POLE, SPECIAL, 12' (EACH)	
194+00 LT	2
194+60 RT	4
TOTAL	6

X1400449 - MODIFY EXISTING CABINET EQUIPMENT AND APPURTENANCES (EACH)	
188+45 LT	1
192+35 LT	1
TOTAL	2
X1700067 STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (SQ FT)	
188+50 - 191+00 LT	1005
188+50 - 191+00 RT	415
191+00 - 195+00 LT	1193
191+00 - 195+00 RT	1754
TOTAL	4367
X0327301 - STORM SEWER CONNECTION (EACH)	
189+70 RT	2
190+25 RT	2
190+30 RT	1
190+80 RT	5
190+80 LT	1
194+50 RT	3
TOTAL	14
X6010302 - TRENCH DRAIN (FOOT)	
189+50 LT	17
189+90 LT	17
190+80 LT	18
191+20 LT	27
194+00 LT	27
TOTAL	106
X7010216 - TRAFFIC CONTROL AND PROTECTION, SPECIAL (L SUM)	
PROJECT	1
X7240500 - RELOCATE EXISTING SIGNS (EACH)	
183+62 LT	1
188+70 LT	1
194+35 RT	1
TOTAL	3

X8300001 - LIGHT POLE, SPECIAL (EACH)	
181+50 RT	1
181+50 LT	1
182+50 RT	1
182+65 LT	1
182+65 RT	1
183+80 RT	1
185+10 LT	1
186+50 RT	1
187+75 LT	1
188+45 RT	1
189+60 LT	1
190+60 RT	1
191+50 LT	1
192+10 RT	1
193+10 LT	1
193+90 RT	1
195+10 LT	1
195+85 RT	1
TOTAL	18
X8130110 - JUNCTION BOX (SPECIAL) (EACH)	
187+60 RT	1
191+90 LT	1
194+10 LT	1
194+50 RT	1
195+00 RT	1
TOTAL	4
XX008268 - DECORATIVE GATEWAY ELEMENT (EACH)	
191+60 LT	1
XX008811 - GATE, SPECIAL (EACH)	
194+90 LT	1
XX009591 - LANDSCAPING PLANTER (EACH)	
PROJECT	14
Z0012450 - CONCRETE STEPS (CU YD)	
PROJECT	4
Z0012455 - CONCRETE STEP REMOVAL (EACH)	
PROJECT	2
Z0013798 - CONSTRUCTION LAYOUT (L SUM)	
PROJECT	1

Z0003850 - BENCHES (EACH)	
188+80 RT	1
189+20 LT	1
189+25 RT	1
190+50 LT	1
191+50 LT	1
191+60 LT	1
191+80 LT	1
192+00 LT	1
192+50 RT	1
195+55 LT	1
192+90 RT	1
192+95 LT	1
193+60 LT	1
193+60 RT	1
194+75 LT	1
194+75 RT	1
PROJECT	16
Z0003855 - BICYCLE RACKS (EACH)	
188+50 LT	1
188+50 RT	2
191+40 LT	3
194+00 LT	2
194+50 RT	1
PROJECT	9
Z0007126 - HANDRAIL REMOVAL (FOOT)	
189+30 LT	35
190+20 LT	30
195+00	20
TOTAL	85



ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SCHEDULE OF QUANTITIES

SET TYPE: FINAL
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JOB NUMBER:
19-366

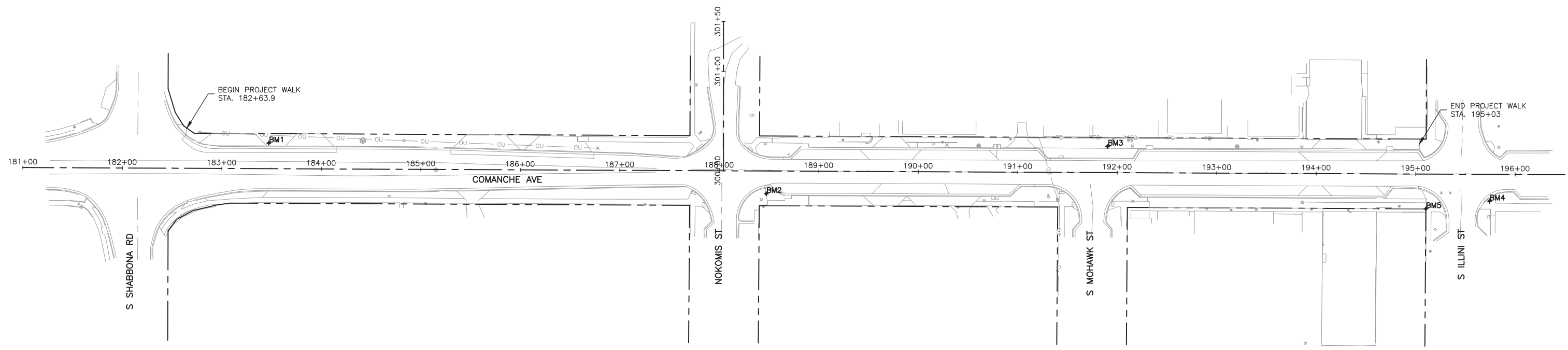
SHEET NUMBER:
14 of 71

BM1

DATUM INFORMATION	
VERTICAL CONTROL: NAVD 88 (FROM GNSS OBSERVATIONS)	
HORIZONTAL CONTROL: NAD 83 STATE PLANE EAST ZONE (GRID)	
BENCHMARK INFORMATION	
BM1 = SURVEY WORK POINT +5/8RB W/FG CAP (CP1)	N-1858536.41, E-863040.85, ELEV-896.90
BM2 = SURVEY WORK POINT +5/8RB W/FG CAP (CP2)	N-1858485.57, E-836540.85, ELEV-895.50
BM3 = SURVEY WORK POINT + CUT X (CP3)	N-1858533.09, E-836883.98, ELEV-899.92
BM4 = SURVEY WORK POINT +5/8RB W/FG CAP (CP4)	N-1858478.05, E-837167.83, ELEV-902.93
BM5 = SURVEY WORK POINT + CUT X (CP706)	N-1858470.32, E-837203.81, ELEV-903.97



50 0 50 100 150 FEET



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ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
ALIGNMENT AND BENCHMARK LOCATIONS

SET TYPE: **FINAL**
G:\CSD\19-366\19-366 Design.dwg, ALIGN-BENCH

JOB NUMBER:
19-366











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15 of 71

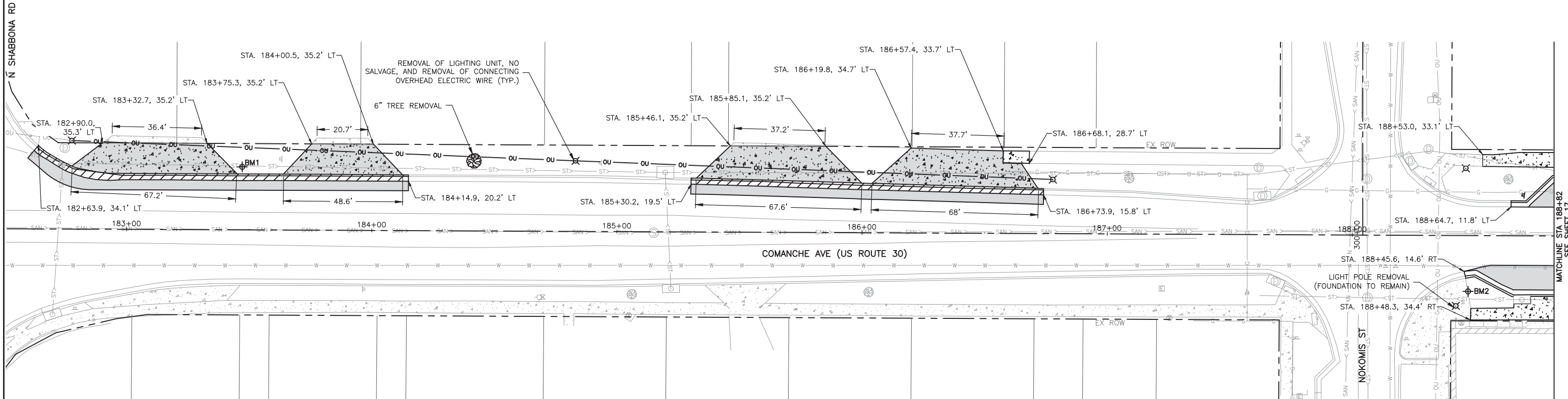
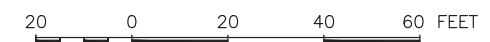
CONTRACT NO. 87841

SECTION NO. 23-00019-01-LS

NOTE: REMOVAL OF OVERHEAD ELECTRIC WIRE ON LIGHT POLES TO BE REMOVED IS INCIDENTAL TO REMOVAL OF LIGHTING UNIT, NO SALVAGE PAY ITEM.

LEGEND

-  RELOCATE EXISTING SIGNS
-  DRIVEWAY PAVEMENT REMOVAL (HMA)
-  DRIVEWAY PAVEMENT REMOVAL (CONCRETE)
-  PAVEMENT REMOVAL
-  HMA SURFACE REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  SIDEWALK REMOVAL
-  TREE REMOVAL (6-15 UNITS DIA.)
-  TREE REMOVAL (OVER 15 UNITS DIA.)
-  REMOVAL OF LIGHTING UNIT, NO SALVAGE



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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED











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REV. NO.	DESCRIPTION	DATE

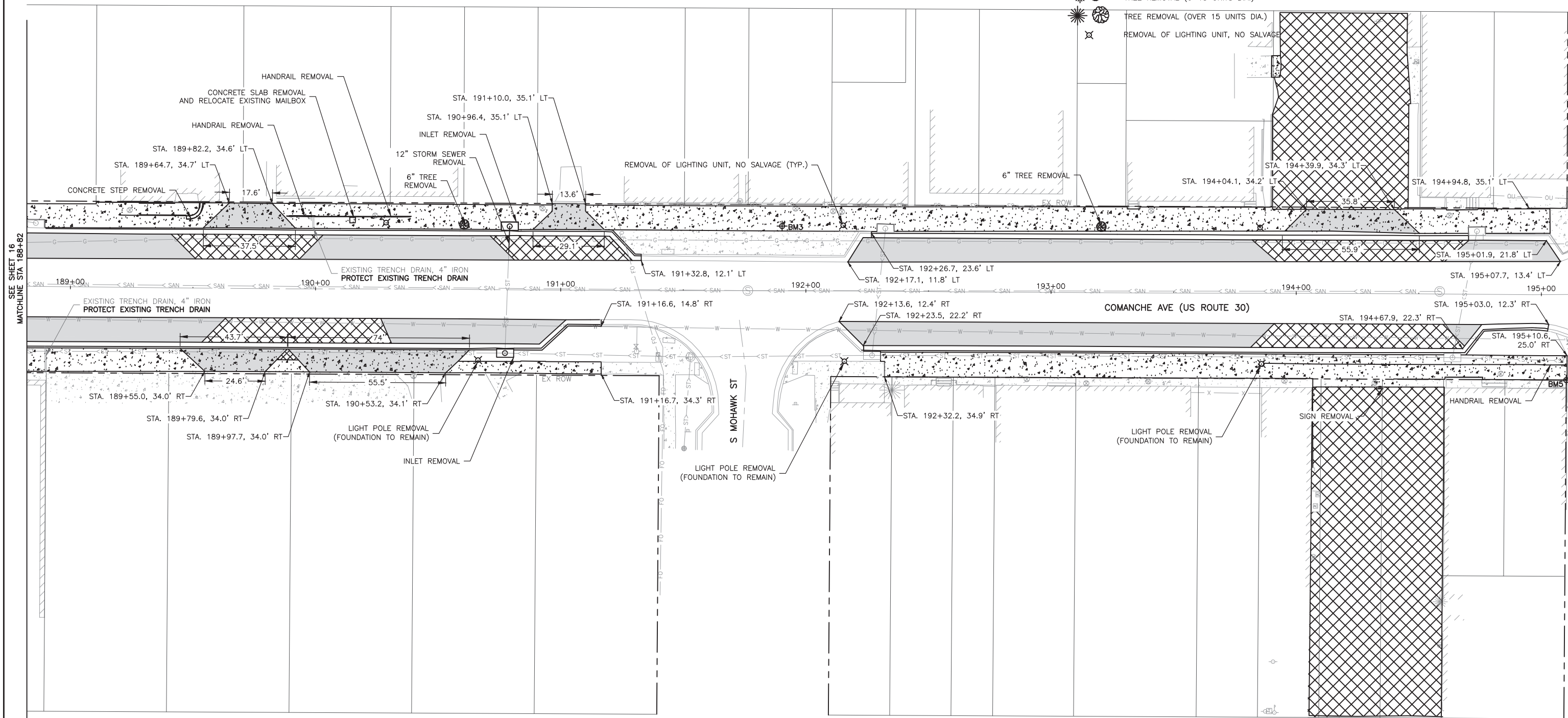
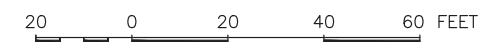
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REMOVAL PLAN STA 182+50 TO 188+82
SET TYPE: FINAL
G:\CSD\19-366\19-366 Design.dwg, REM. 1

JOB NUMBER:
19-366
SHEET NUMBER:
16 of 71

NOTE: REMOVE LIGHT POLE AND FOUNDATION AT STA 195+85, 25' LT (NOT SHOWN ON THIS SHEET.)
 REMOVE LIGHT POLE ONLY AT STA 195+85, 25' RT (NOT SHOWN ON THIS SHEET.)
 SEE SHEET 22 FOR LOCATIONS.

LEGEND

-  RELOCATE EXISTING SIGNS
-  DRIVEWAY PAVEMENT REMOVAL (HMA)
-  DRIVEWAY PAVEMENT REMOVAL (CONCRETE)
-  PAVEMENT REMOVAL
-  HMA SURFACE REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  SIDEWALK REMOVAL
-  TREE REMOVAL (6-15 UNITS DIA.)
-  TREE REMOVAL (OVER 15 UNITS DIA.)
-  REMOVAL OF LIGHTING UNIT, NO SALVAGE



SEE SHEET 16
MATCHLINE STA 188+82

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 206 S. BLACKHAWK ST
 SHABBONA, IL 60550

PROJECT AND LOCATION:
 SHABBONA DOWNTOWN
 STREETScape
 SHABBONA, IL





DRAWN BY: JMV
 APPROVED BY: BS
 DATE: 05/17/2023
 SCALE: AS NOTED

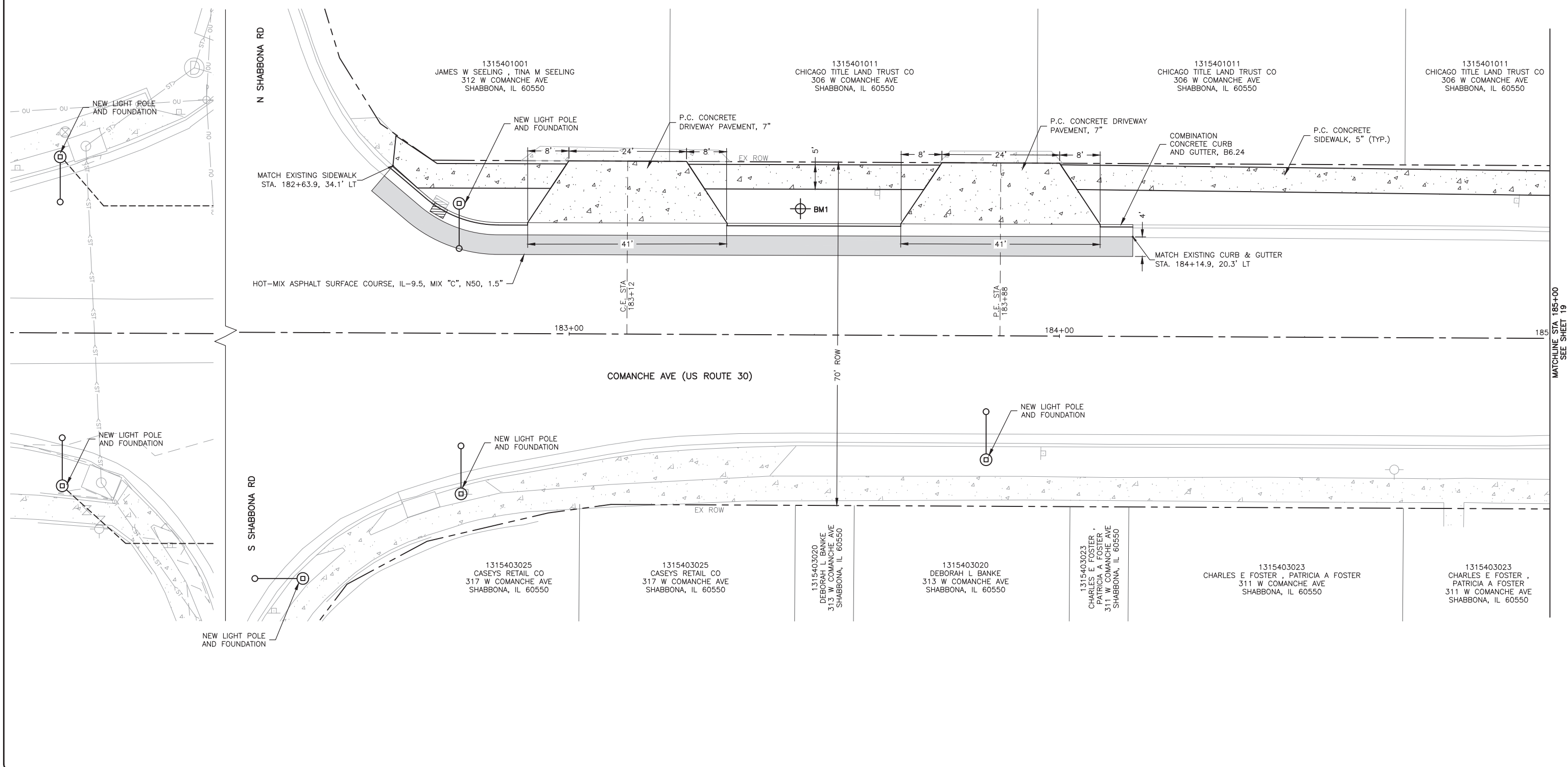
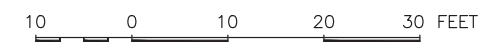
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 REMOVAL PLAN STA 188+82 TO 195+10
 SET TYPE: FINAL
G:\CSD\19-366\19-366 Design.dwg, REM. 2

JOB NUMBER:
 19-366
 SHEET NUMBER:
 17 of 71

LEGEND

-  HOT-MIX ASPHALT
-  COMBINATION CONCRETE CURB AND GUTTER, TYPE-B6.24
-  P.C. CONCRETE SIDEWALK, 5" OR P.C. CONCRETE DRIVEWAY PAVEMENT, 7"
-  STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5"



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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE





DRAWING:
COMANCHE AVE STA 182+00 TO 185+00

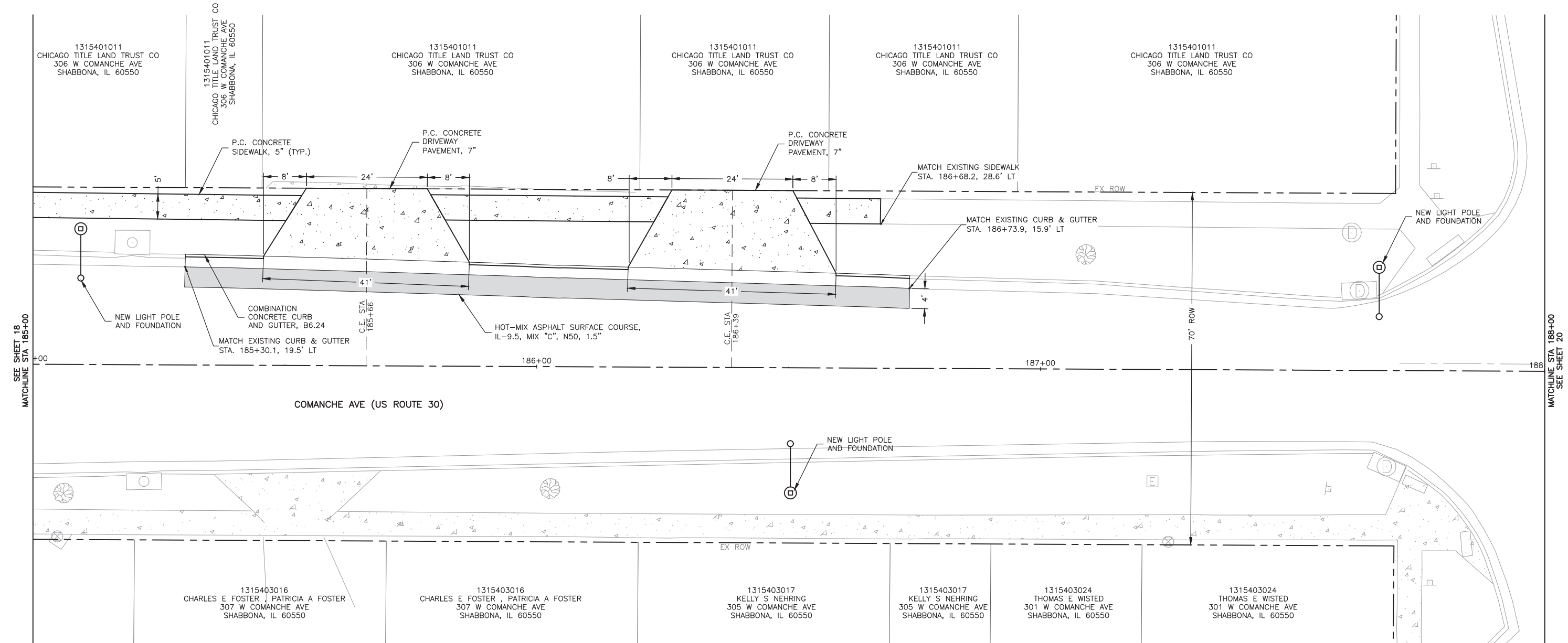
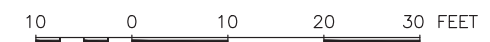
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JOB NUMBER:
19-366

SHEET NUMBER:
18 of 71

LEGEND

-  HOT-MIX ASPHALT
-  COMBINATION CONCRETE CURB AND GUTTER, TYPE-B6.24
-  P.C. CONCRETE SIDEWALK, 5" OR P.C. CONCRETE DRIVEWAY PAVEMENT, 7"
-  STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5"



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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

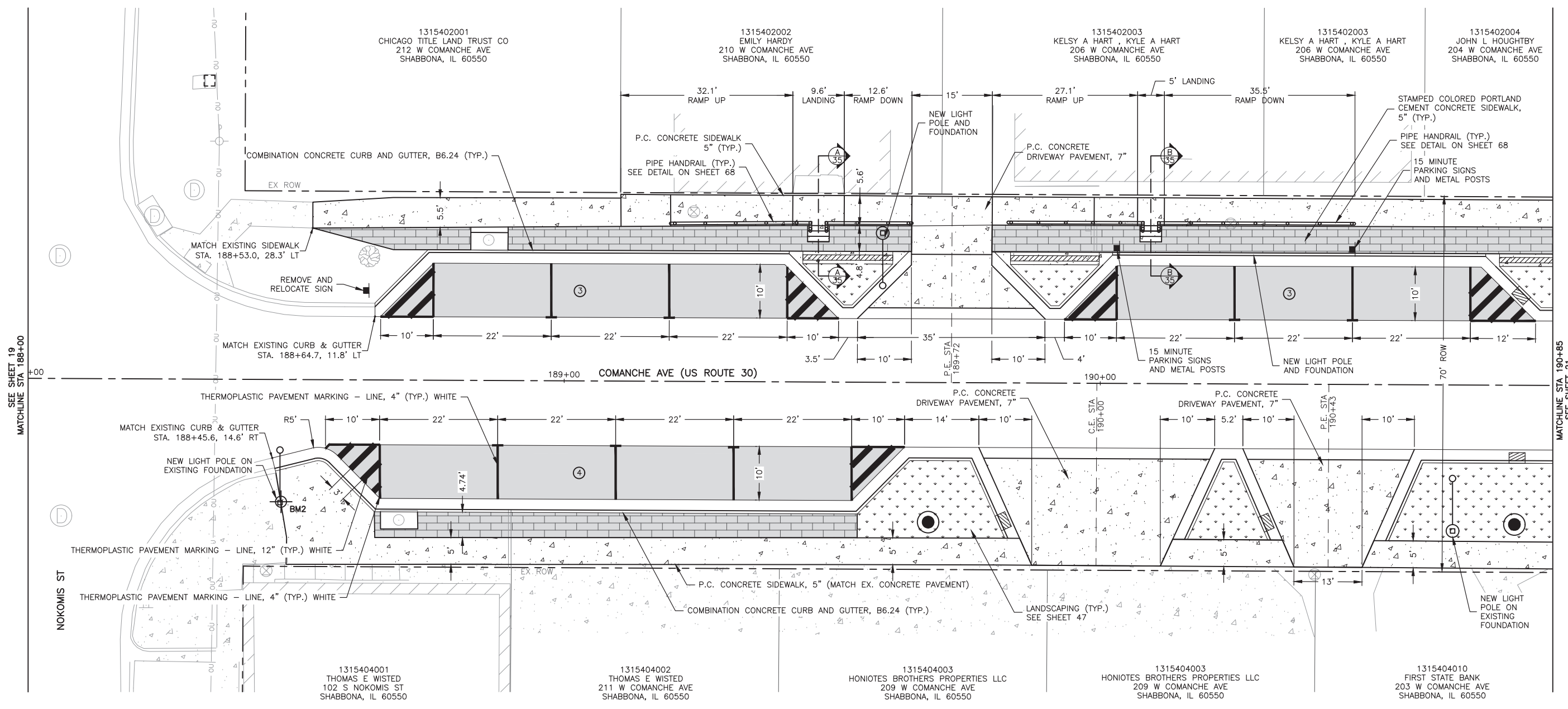
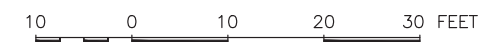
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
COMANCHE AVE STA 185+00 TO 188+00
SET TYPE: FINAL
G:\CSD\19\19-366\19-366 Design.dwg, PLAN 2

JOB NUMBER:
19-366
SHEET NUMBER:
19 of 71

LEGEND

	HOT-MIX ASPHALT
	COMBINATION CONCRETE CURB AND GUTTER, TYPE-B6.24
	P.C. CONCRETE SIDEWALK, 5" OR P.C. CONCRETE DRIVEWAY PAVEMENT, 7"
	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5"



ILLINOIS
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OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE


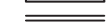
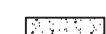
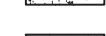
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COMANCHE AVE STA 188+00 TO 190+85

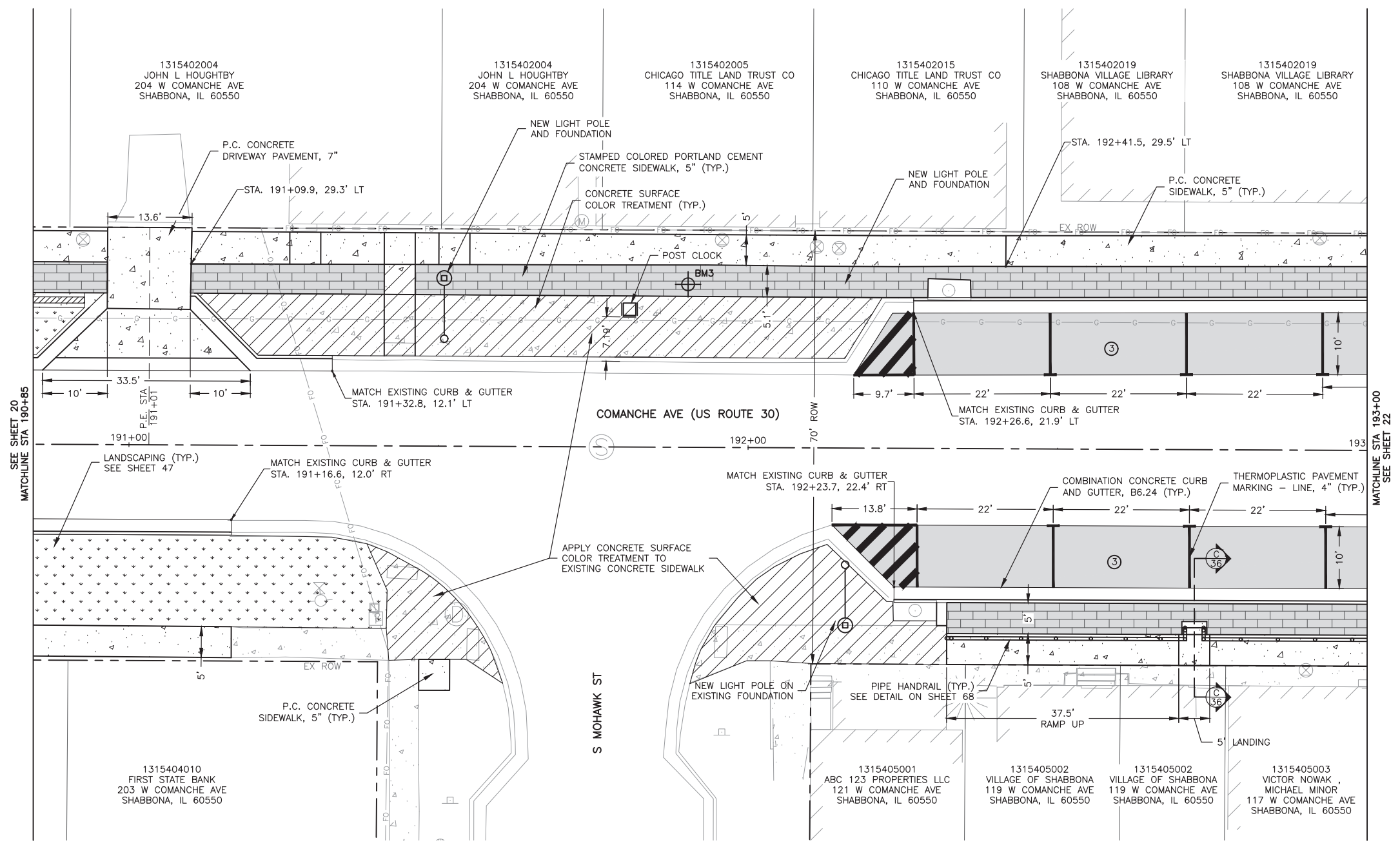
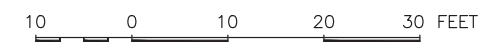
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JOB NUMBER:
19-366

SHEET NUMBER:
20 of 71

LEGEND

-  HOT-MIX ASPHALT
-  COMBINATION CONCRETE CURB AND GUTTER, TYPE-B6.24
-  P.C. CONCRETE SIDEWALK, 5" OR P.C. CONCRETE DRIVEWAY PAVEMENT, 7"
-  STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5"



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ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
COMANCHE AVE STA 190+85 TO 193+00

SET TYPE: **FINAL**
G:\C30\19-366\19-366 Design.dwg, PLAN 4

JOB NUMBER:
19-366

SHEET NUMBER:
21 of 71

BM1

BENCHMARK INFORMATION

BM1 = SURVEY WORK POINT +5/BRB W/FG CAP (CP1)
N-1858536.41, E-863040.85, ELEV-896.90

BM2 = SURVEY WORK POINT +5/BRB W/FG CAP (CP2)
N-1858485.57, E-836540.85, ELEV-895.50

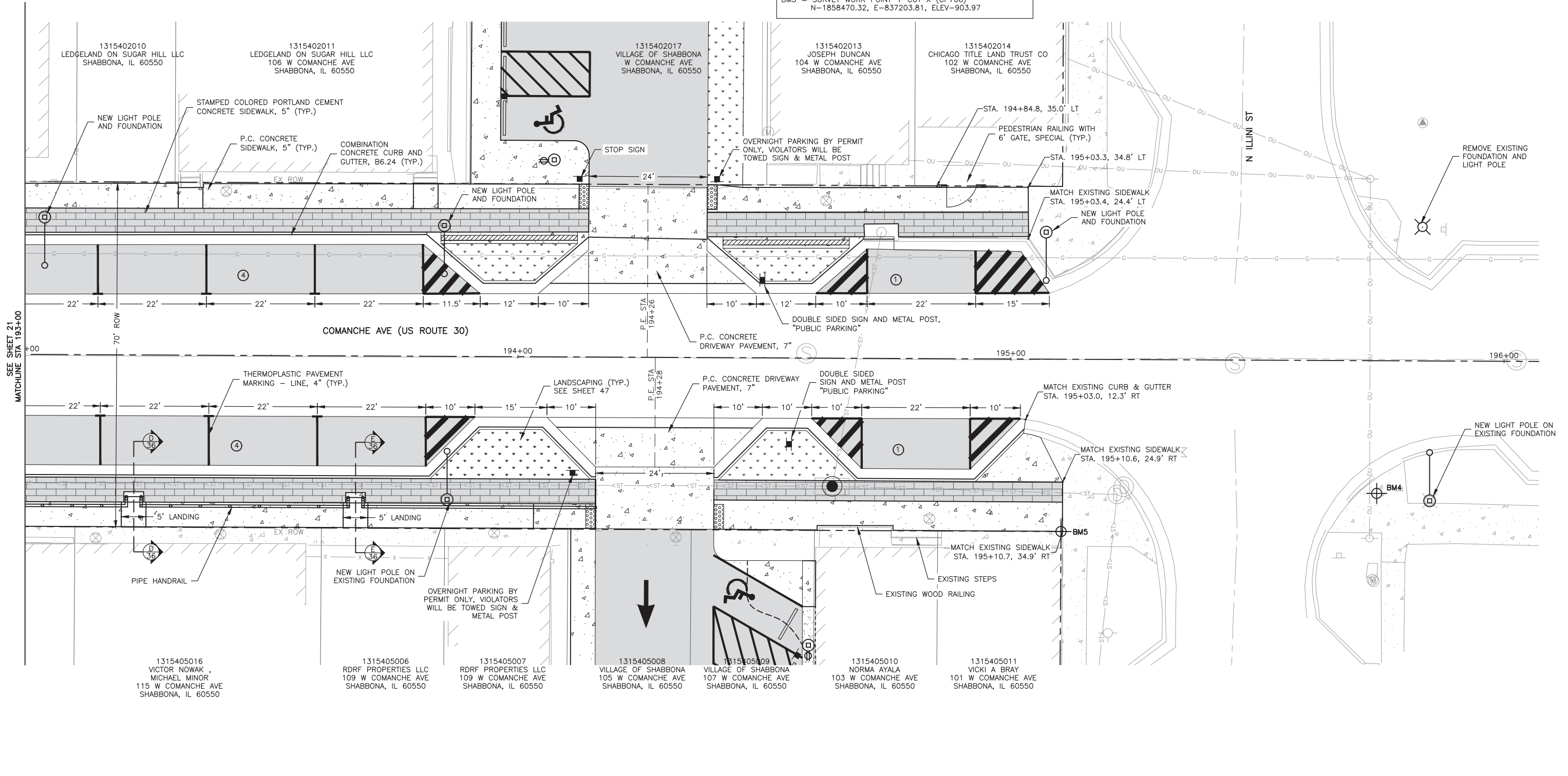
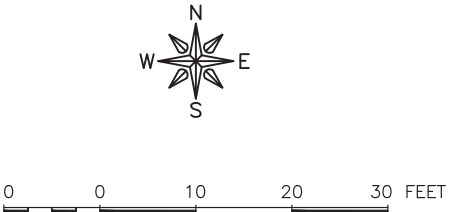
BM3 = SURVEY WORK POINT + CUT X (CP3)
N-1858533.09, E-836883.98, ELEV-899.92

BM4 = SURVEY WORK POINT +5/BRB W/FG CAP (CP4)
N-1858478.05, E-837167.83, ELEV-902.93

BM5 = SURVEY WORK POINT + CUT X (CP706)
N-1858470.32, E-837203.81, ELEV-903.97

LEGEND

	HOT-MIX ASPHALT
	COMBINATION CONCRETE CURB AND GUTTER, TYPE-B6.24
	P.C. CONCRETE SIDEWALK, 5" OR P.C. CONCRETE DRIVEWAY PAVEMENT, 7"
	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5"



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ILLINOIS
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
COMANCHE AVE STA 193+00 TO 196+00

SET TYPE: **FINAL**
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JOB NUMBER:
19-366

SHEET NUMBER:
22 of 71

BM1

BENCHMARK INFORMATION

BM1 = SURVEY WORK POINT +5/BRB W/FG CAP (CP1)
N-1858536.41, E-863040.85, ELEV-896.90

BM2 = SURVEY WORK POINT +5/BRB W/FG CAP (CP2)
N-1858485.57, E-836540.85, ELEV-895.50

BM3 = SURVEY WORK POINT + CUT X (CP3)
N-1858533.09, E-836883.98, ELEV-899.92

BM4 = SURVEY WORK POINT +5/BRB W/FG CAP (CP4)
N-1858478.05, E-837167.83, ELEV-902.93

BM5 = SURVEY WORK POINT + CUT X (CP706)
N-1858470.32, E-837203.81, ELEV-903.97

LEGEND

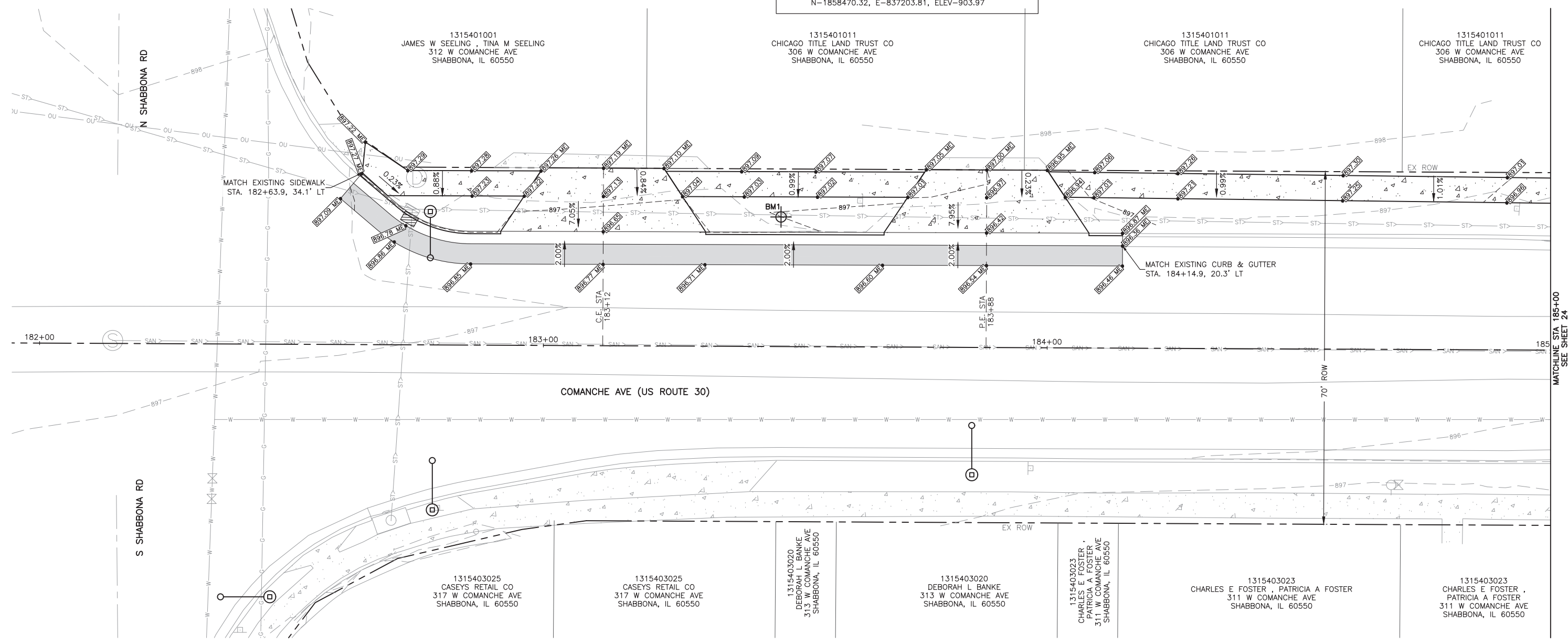
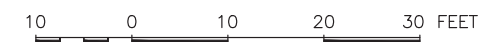
PROPOSED GRADE (MATCH EXISTING)

PROPOSED GRADE

PROPOSED TOP SIDEWALK GRADE

PROPOSED STEP OF STEP GRADE

PROPOSED BOTTOM OF STEPS GRADE



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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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OWNER/DEVELOPER:
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
GRADING PLAN STA 182+00 TO 185+00

SET TYPE: **FINAL**
G:\CD\19\19-366\19-366 Design.dwg, GRADING 1

JOB NUMBER:
19-366

SHEET NUMBER:
23 of 71

BENCHMARK INFORMATION

BM1 = SURVEY WORK POINT +5/BRB W/FG CAP (CP1)
N-1858536.41, E-863040.85, ELEV-896.90

BM2 = SURVEY WORK POINT +5/BRB W/FG CAP (CP2)
N-1858485.57, E-836540.85, ELEV-895.50

BM3 = SURVEY WORK POINT + CUT X (CP3)
N-1858533.09, E-836883.98, ELEV-899.92

BM4 = SURVEY WORK POINT +5/BRB W/FG CAP (CP4)
N-1858478.05, E-837167.83, ELEV-902.93

BM5 = SURVEY WORK POINT + CUT X (CP706)
N-1858470.32, E-837203.81, ELEV-903.97

LEGEND

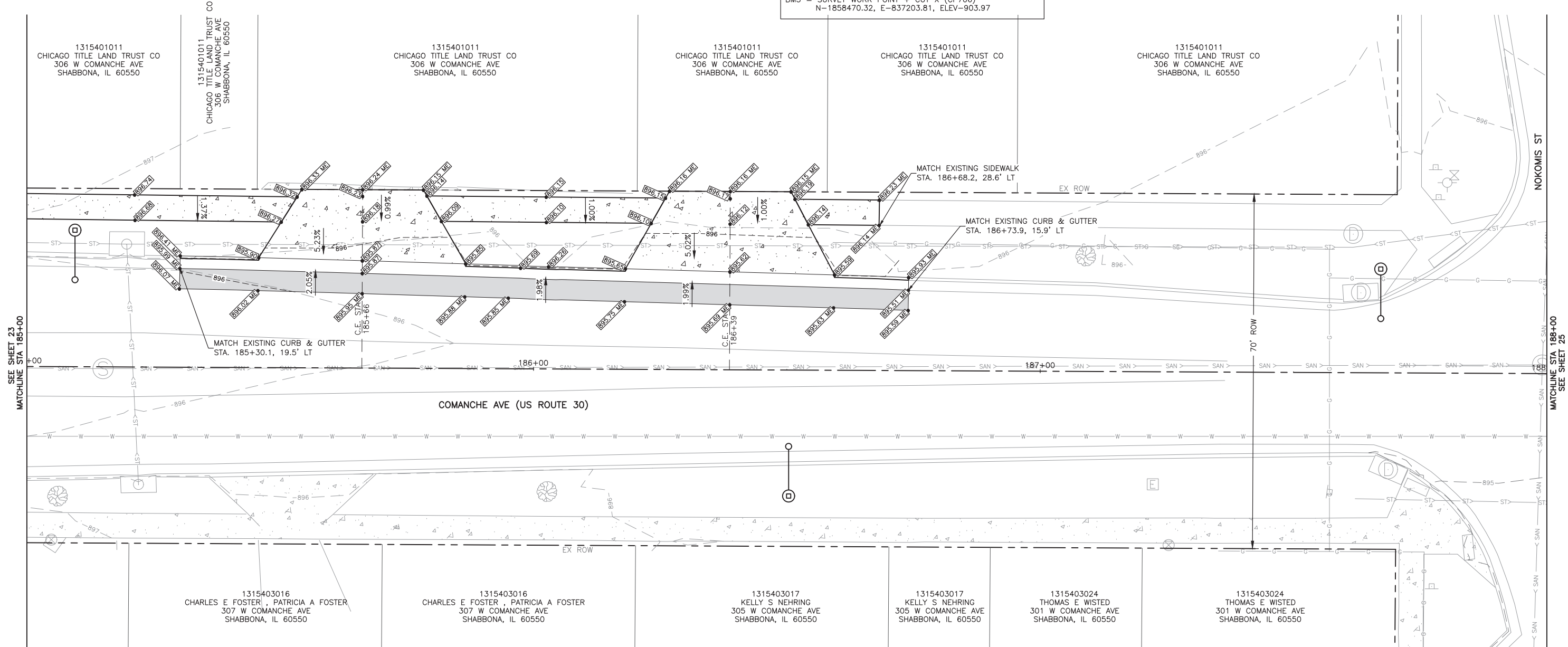
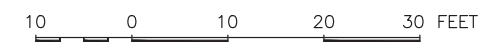
PROPOSED GRADE (MATCH EXISTING)

PROPOSED GRADE

PROPOSED TOP SIDEWALK GRADE

PROPOSED STEP OF STEP GRADE

PROPOSED BOTTOM OF STEPS GRADE



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ILLINOIS
IOWA
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETScape
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
GRADING PLAN STA 185+00 TO 188+00

SET TYPE: **FINAL**
G:\CD\19\19-366\19-366 Design.dwg, GRADING 2

JOB NUMBER:
19-366

SHEET NUMBER:
24 of 71

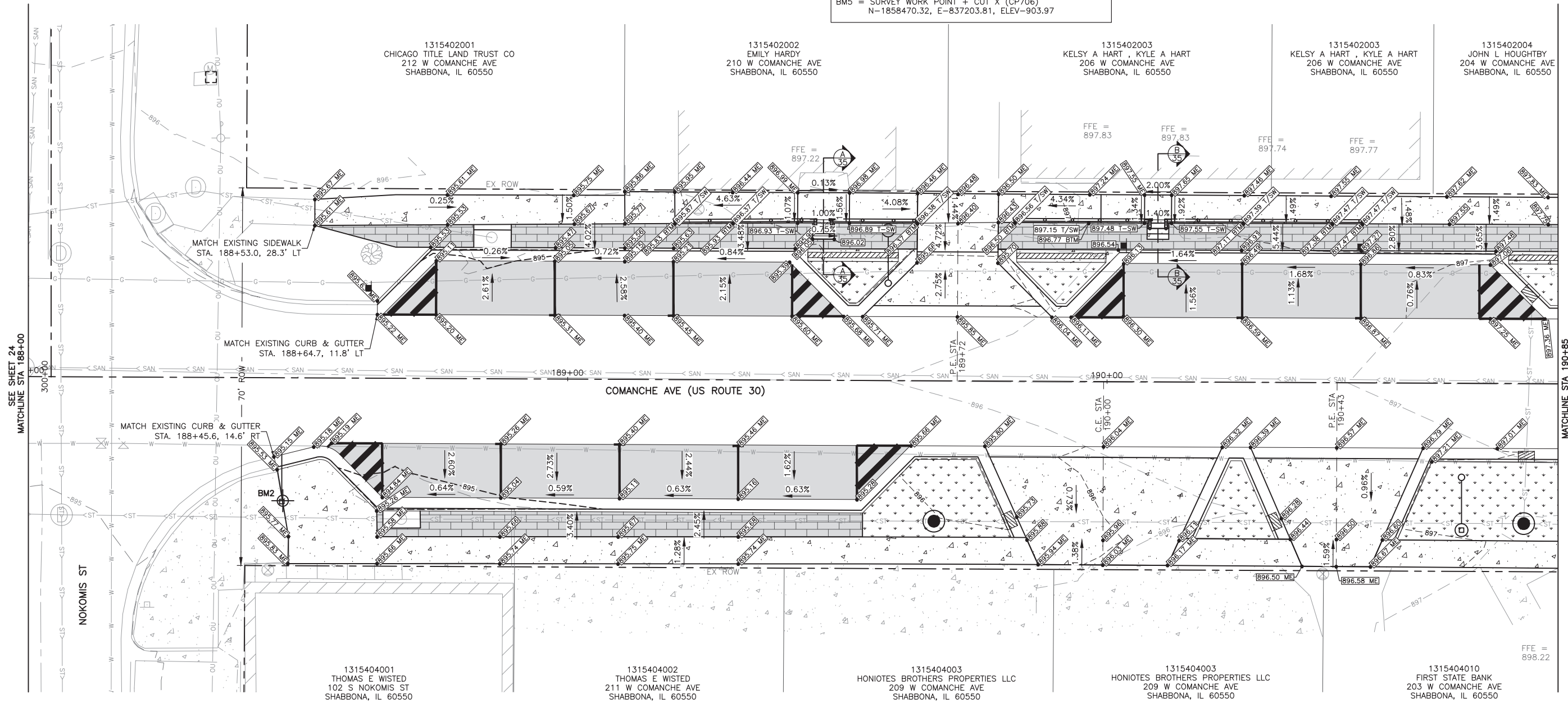
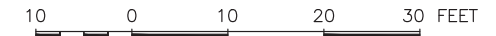
BM1

BENCHMARK INFORMATION

- BM1 = SURVEY WORK POINT +5/8RB W/FG CAP (CP1)
N-1858536.41, E-863040.85, ELEV-896.90
- BM2 = SURVEY WORK POINT +5/8RB W/FG CAP (CP2)
N-1858485.57, E-836540.85, ELEV-895.50
- BM3 = SURVEY WORK POINT + CUT X (CP3)
N-1858533.09, E-836883.98, ELEV-899.92
- BM4 = SURVEY WORK POINT +5/8RB W/FG CAP (CP4)
N-1858478.05, E-837167.83, ELEV-902.93
- BM5 = SURVEY WORK POINT + CUT X (CP706)
N-1858470.32, E-837203.81, ELEV-903.97

LEGEND

- PROPOSED GRADE (MATCH EXISTING)
- PROPOSED GRADE
- PROPOSED TOP SIDEWALK GRADE
- PROPOSED STEP OF STEP GRADE
- PROPOSED BOTTOM OF STEPS GRADE



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ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525
PLOT DATE: 6/19/23 © 2023 FEHR GRAHAM

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
GRADING PLAN STA 188+00 TO 190+85

SET TYPE: FINAL
G:\CSD\19\19-366\19-366 Design.dwg, GRADING 3

JOB NUMBER:
19-366

SHEET NUMBER:
25 of 71

BENCHMARK INFORMATION

BM1 = SURVEY WORK POINT +5/8RB W/FG CAP (CP1)
N-1858536.41, E-863040.85, ELEV-896.90

BM2 = SURVEY WORK POINT +5/8RB W/FG CAP (CP2)
N-1858485.57, E-836540.85, ELEV-895.50

BM3 = SURVEY WORK POINT + CUT X (CP3)
N-1858533.09, E-836883.98, ELEV-899.92

BM4 = SURVEY WORK POINT +5/8RB W/FG CAP (CP4)
N-1858478.05, E-837167.83, ELEV-902.93

BM5 = SURVEY WORK POINT + CUT X (CP706)
N-1858470.32, E-837203.81, ELEV-903.97

LEGEND

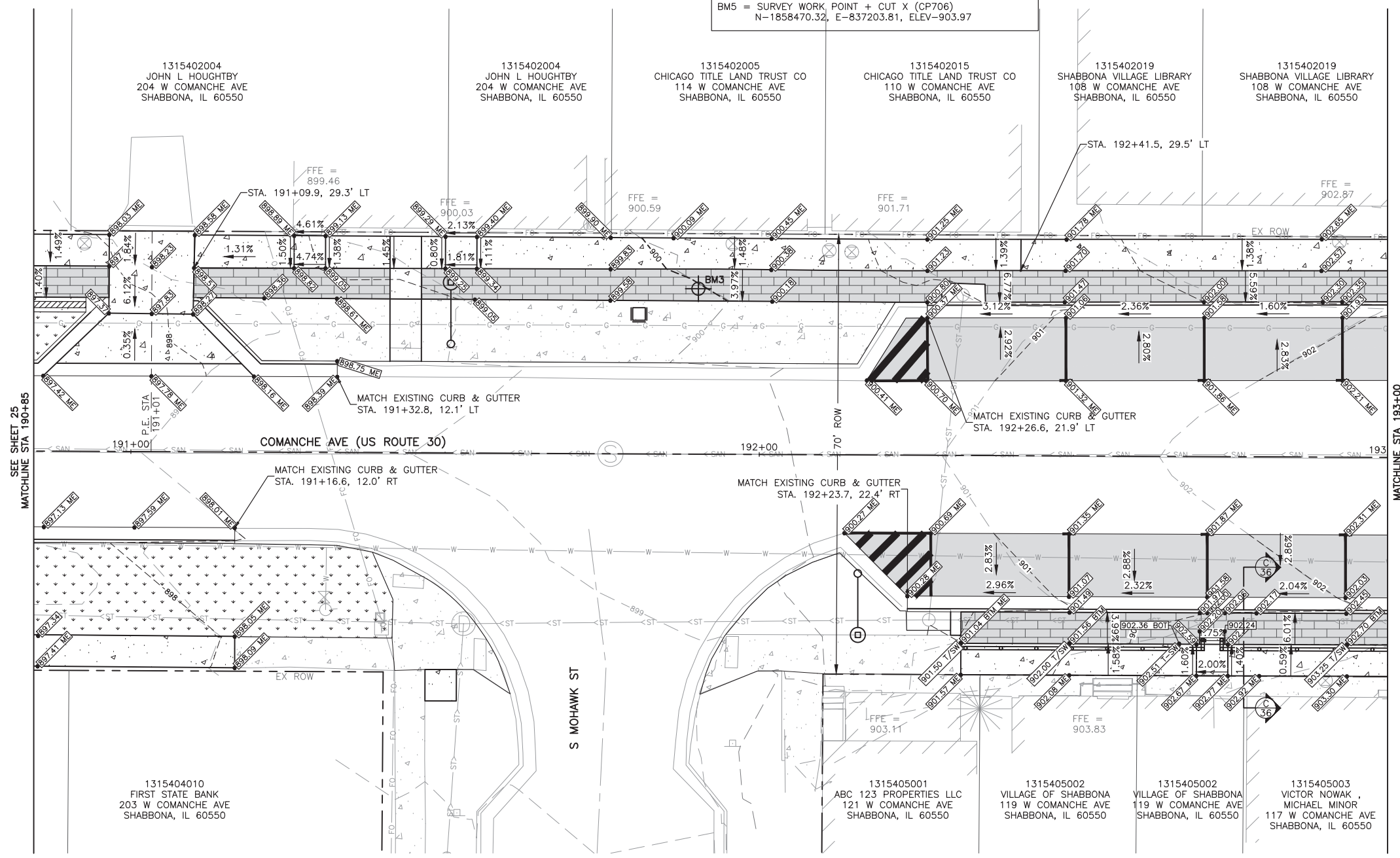
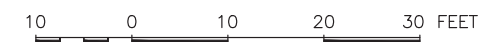
PROPOSED GRADE (MATCH EXISTING)

PROPOSED GRADE

PROPOSED TOP SIDEWALK GRADE

PROPOSED STEP OF STEP GRADE

PROPOSED BOTTOM OF STEPS GRADE



FEHR GRAHAM
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PROJECT AND LOCATION:
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STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
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SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
GRADING PLAN STA 190+85 TO 193+00

SET TYPE: **FINAL**

G:\CSD\19-366\19-366 Design.dwg, GRADING 4

JOB NUMBER:
19-366

SHEET NUMBER:
26 of 71

BM1

BENCHMARK INFORMATION

BM1 = SURVEY WORK POINT +5/BRB W/FG CAP (CP1)
N-1858536.41, E-863040.85, ELEV-896.90

BM2 = SURVEY WORK POINT +5/BRB W/FG CAP (CP2)
N-1858485.57, E-836540.85, ELEV-895.50

BM3 = SURVEY WORK POINT + CUT X (CP3)
N-1858533.09, E-836883.98, ELEV-899.92

BM4 = SURVEY WORK POINT +5/BRB W/FG CAP (CP4)
N-1858478.05, E-837167.83, ELEV-902.93

BM5 = SURVEY WORK POINT + CUT X (CP706)
N-1858470.32, E-837203.81, ELEV-903.97

LEGEND

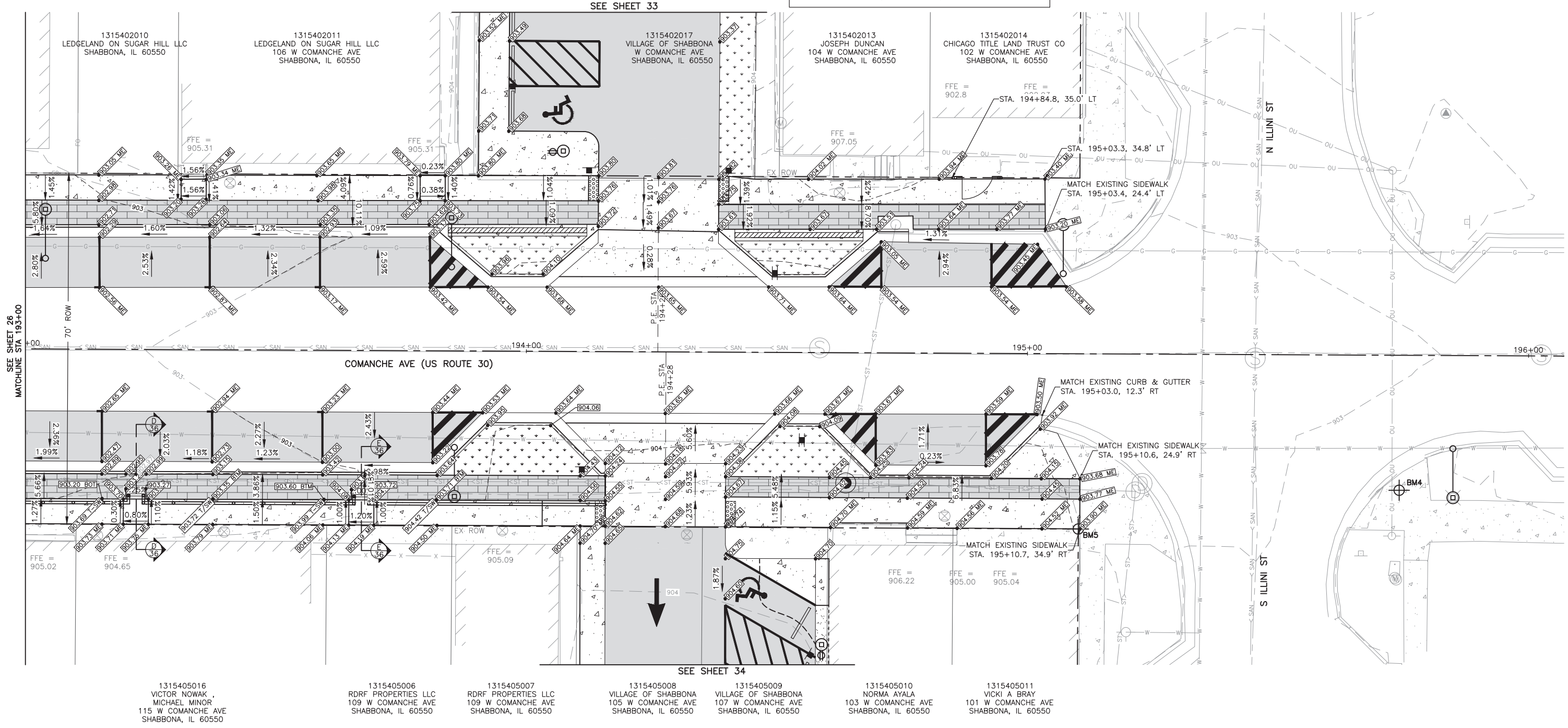
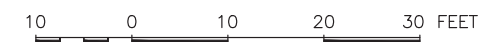
PROPOSED GRADE (MATCH EXISTING)

PROPOSED GRADE

PROPOSED TOP SIDEWALK GRADE

PROPOSED STEP OF STEP GRADE

PROPOSED BOTTOM OF STEPS GRADE



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SHABBONA, IL

DRAWN BY: JMV
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DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
GRADING PLAN STA 193+00 TO 196+00

SET TYPE: **FINAL**

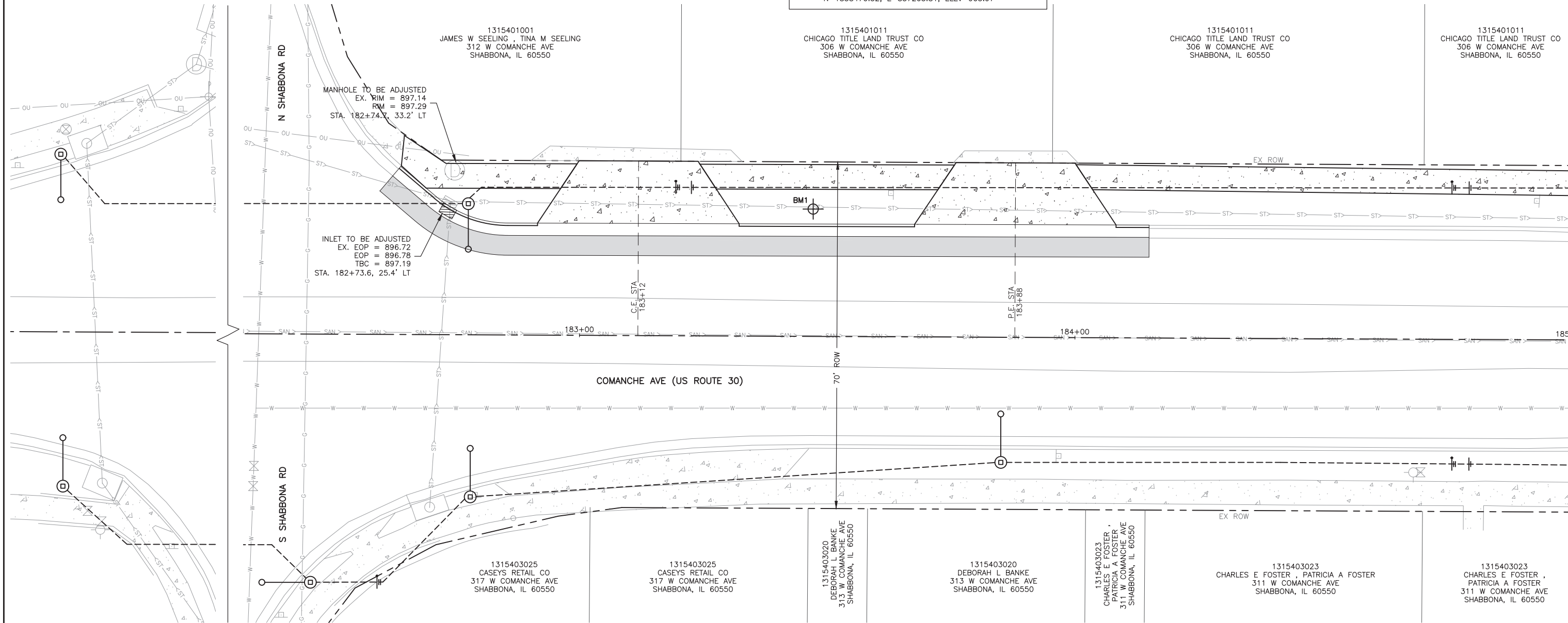
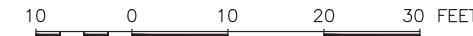
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JOB NUMBER:
19-366

SHEET NUMBER:
27 of 71

BM1

BENCHMARK INFORMATION	
BM1	= SURVEY WORK POINT +5/BRB W/FG CAP (CP1) N-1858536.41, E-863040.85, ELEV-896.90
BM2	= SURVEY WORK POINT +5/BRB W/FG CAP (CP2) N-1858485.57, E-836540.85, ELEV-895.50
BM3	= SURVEY WORK POINT + CUT X (CP3) N-1858533.09, E-836883.98, ELEV-899.92
BM4	= SURVEY WORK POINT +5/BRB W/FG CAP (CP4) N-1858478.05, E-837167.83, ELEV-902.93
BM5	= SURVEY WORK POINT + CUT X (CP706) N-1858470.32, E-837203.81, ELEV-903.97



MATCHLINE STA 185+00 SEE SHEET 29

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ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
UTILITY PLAN STA 182+00 TO 185+00

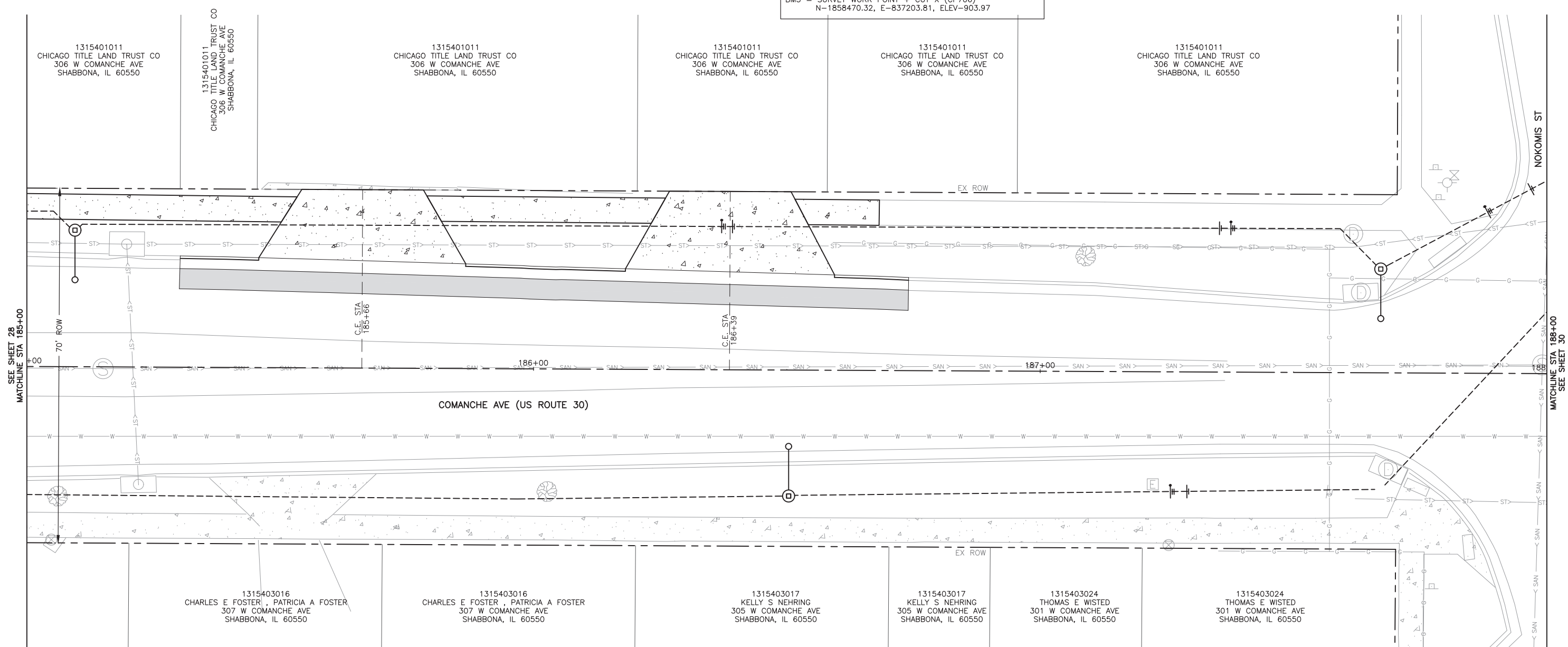
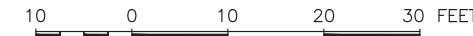
SET TYPE: FINAL
G:\CSD\19-366\19-366 Design.dwg, UTILITY 1

JOB NUMBER:
19-366

SHEET NUMBER:
28 of 71

BM1

BENCHMARK INFORMATION	
BM1	= SURVEY WORK POINT +5/BRB W/FG CAP (CP1) N-1858536.41, E-863040.85, ELEV-896.90
BM2	= SURVEY WORK POINT +5/BRB W/FG CAP (CP2) N-1858485.57, E-836540.85, ELEV-895.50
BM3	= SURVEY WORK POINT + CUT X (CP3) N-1858533.09, E-836883.98, ELEV-899.92
BM4	= SURVEY WORK POINT +5/BRB W/FG CAP (CP4) N-1858478.05, E-837167.83, ELEV-902.93
BM5	= SURVEY WORK POINT + CUT X (CP706) N-1858470.32, E-837203.81, ELEV-903.97



SEE SHEET 28
MATCHLINE STA 185+00

MATCHLINE STA 188+00
SEE SHEET 30

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE

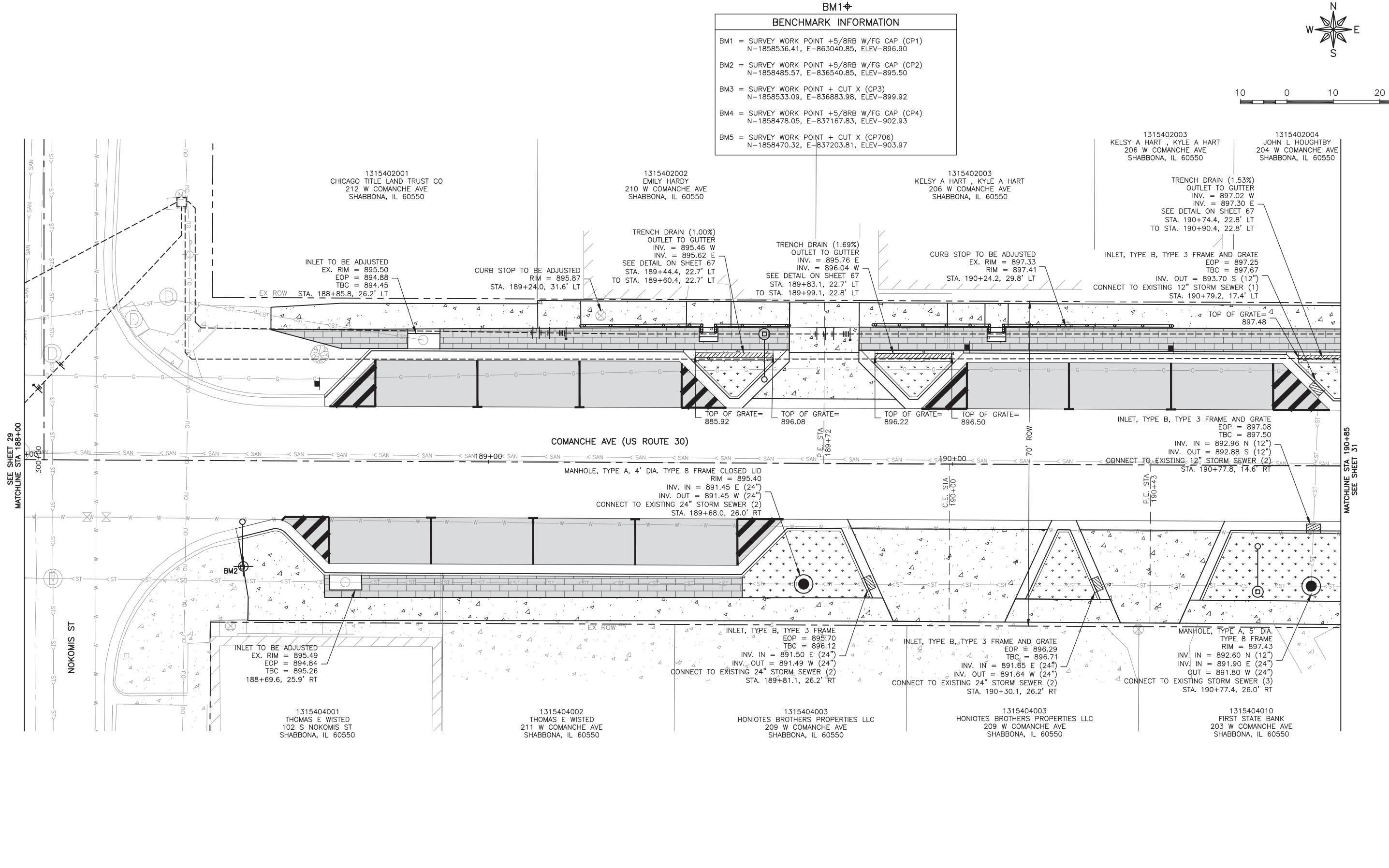
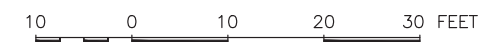
DRAWING:
UTILITY PLAN STA 185+00 TO 188+00

SET TYPE: **FINAL**
G:\CD\19\19-366\19-366 Design.dwg, UTILITY 2

JOB NUMBER:
19-366

SHEET NUMBER:
29 of 71

BENCHMARK INFORMATION	
BM1	= SURVEY WORK POINT +5/8RB W/FG CAP (CP1) N-1858536.41, E-863040.85, ELEV-896.90
BM2	= SURVEY WORK POINT +5/8RB W/FG CAP (CP2) N-1858485.57, E-836540.85, ELEV-895.50
BM3	= SURVEY WORK POINT + CUT X (CP3) N-1858533.09, E-836883.98, ELEV-899.92
BM4	= SURVEY WORK POINT +5/8RB W/FG CAP (CP4) N-1858478.05, E-837167.83, ELEV-902.93
BM5	= SURVEY WORK POINT + CUT X (CP706) N-1858470.32, E-837203.81, ELEV-903.97



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ENGINEERING & ENVIRONMENTAL
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ILLINOIS
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VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

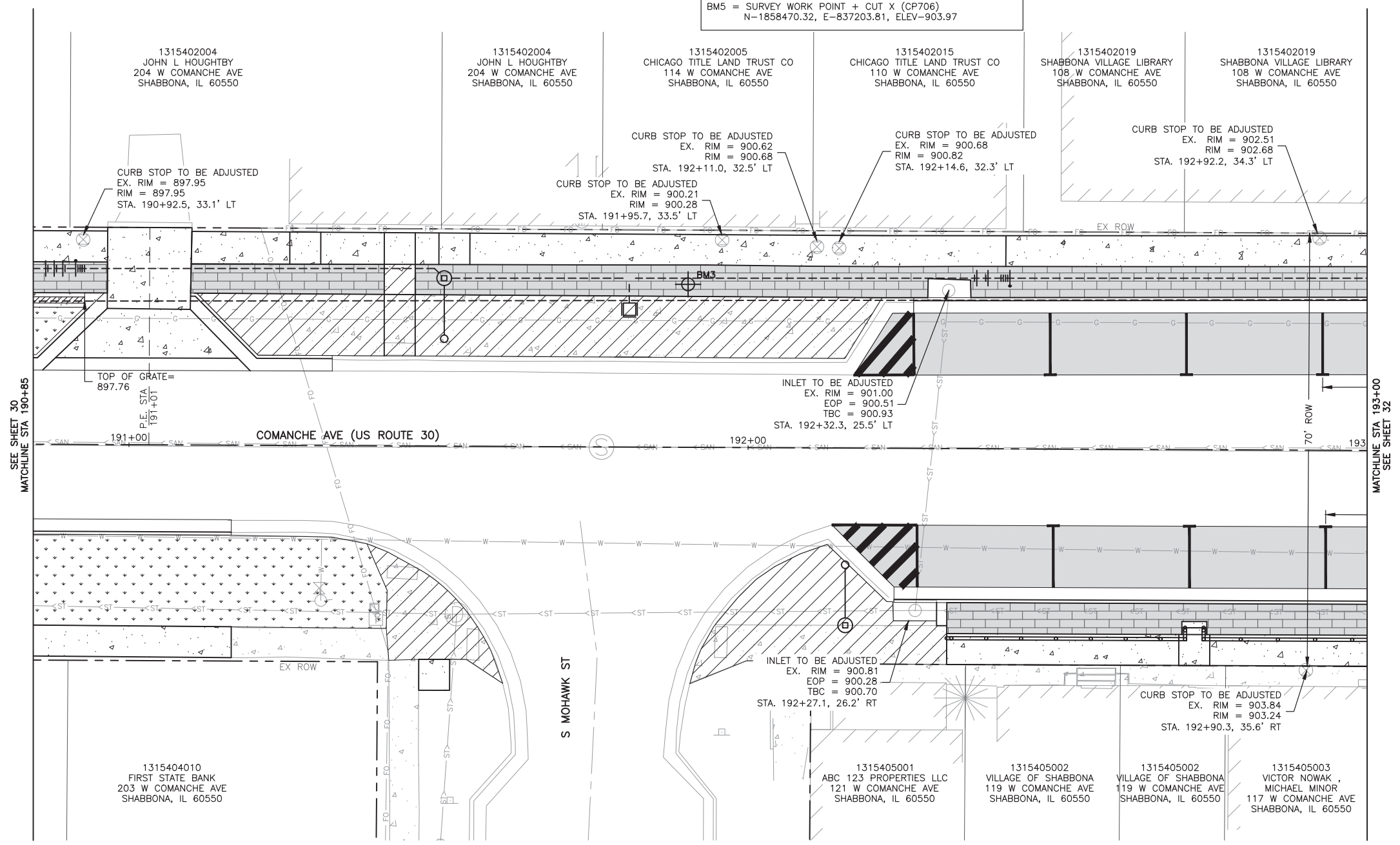
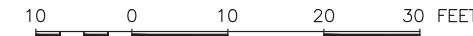
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
UTILITY PLAN STA 188+00 TO 190+85
SET TYPE: FINAL
G:\CSD\19-366\19-366 Design.dwg, UTILITY 3

JOB NUMBER:
19-366
SHEET NUMBER:
30 of 71

BM1

BENCHMARK INFORMATION	
BM1	= SURVEY WORK POINT +5/BRB W/FG CAP (CP1) N-1858536.41, E-863040.85, ELEV-896.90
BM2	= SURVEY WORK POINT +5/BRB W/FG CAP (CP2) N-1858485.57, E-836540.85, ELEV-895.50
BM3	= SURVEY WORK POINT + CUT X (CP3) N-1858533.09, E-836883.98, ELEV-899.92
BM4	= SURVEY WORK POINT +5/BRB W/FG CAP (CP4) N-1858478.05, E-837167.83, ELEV-902.93
BM5	= SURVEY WORK POINT + CUT X (CP706) N-1858470.32, E-837203.81, ELEV-903.97



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

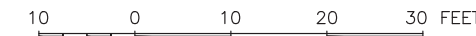
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
UTILITY PLAN STA 190+85 TO 193+00

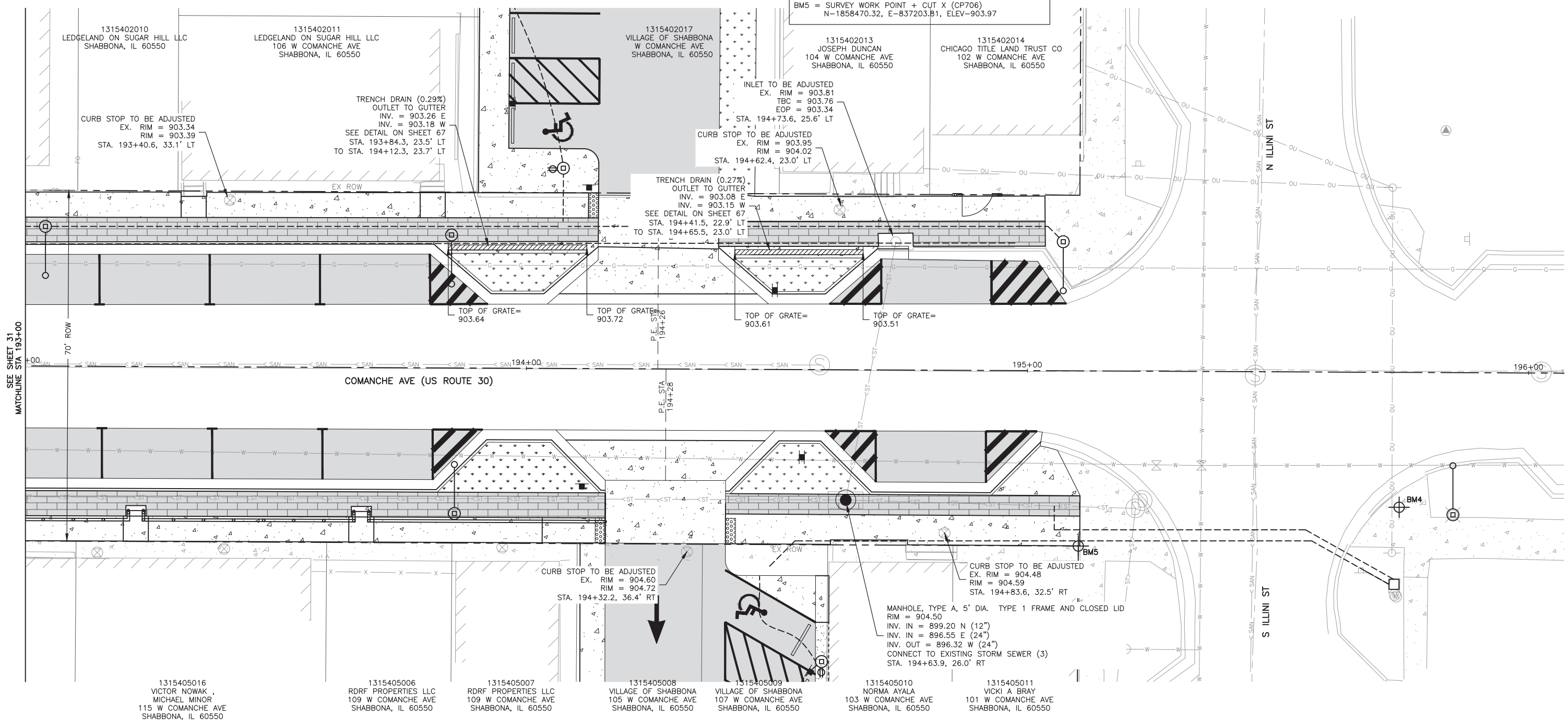
SET TYPE: **FINAL**
G:\C30\19-366\19-366 Design.dwg, UTILITY 4

JOB NUMBER:
19-366

SHEET NUMBER:
31 of 71



BENCHMARK INFORMATION	
BM1	= SURVEY WORK POINT +5/BRB W/FG CAP (CP1) N-1858536.41, E-863040.85, ELEV-896.90
BM2	= SURVEY WORK POINT +5/BRB W/FG CAP (CP2) N-1858485.57, E-836540.85, ELEV-895.50
BM3	= SURVEY WORK POINT + CUT X (CP3) N-1858533.09, E-836883.98, ELEV-899.92
BM4	= SURVEY WORK POINT +5/BRB W/FG CAP (CP4) N-1858478.05, E-837167.83, ELEV-902.93
BM5	= SURVEY WORK POINT + CUT X (CP706) N-1858470.32, E-837203.81, ELEV-903.97



SEE SHEET 31
MATCHLINE STA 193+00

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ILLINOIS DESIGN FIRM NO. 184-003525
PLOT DATE: 6/19/23 © 2023 FEHR GRAHAM

ILLINOIS
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OWNER/DEVELOPER:
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

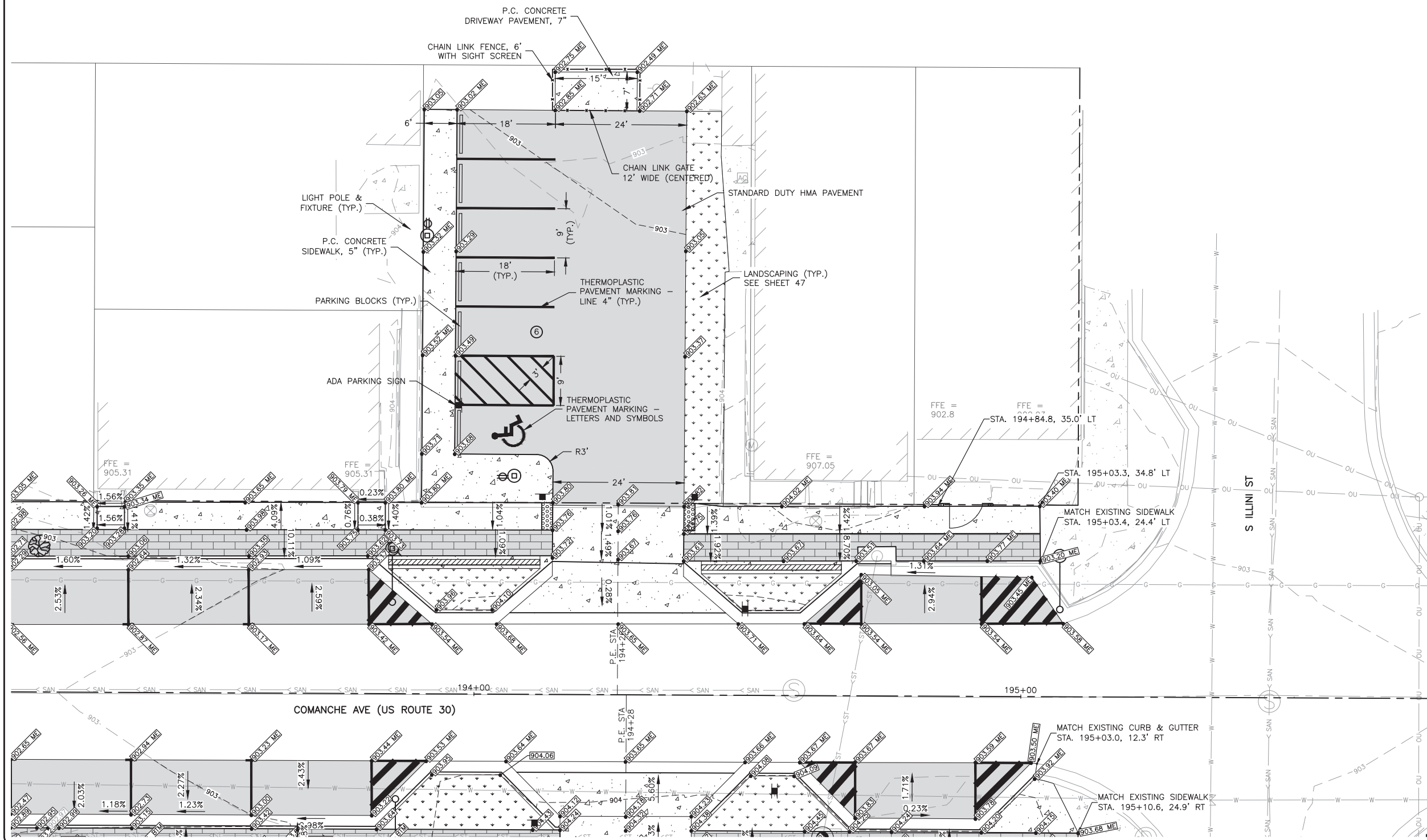
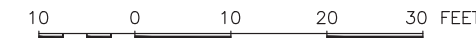
PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
UTILITY PLAN STA 193+00 TO 196+00
SET TYPE: **FINAL**
G:\CD\19-366\19-366 Design.dwg, UTILITY 5

JOB NUMBER:
19-366
SHEET NUMBER:
32 of 71



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

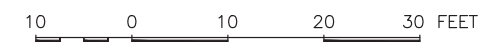
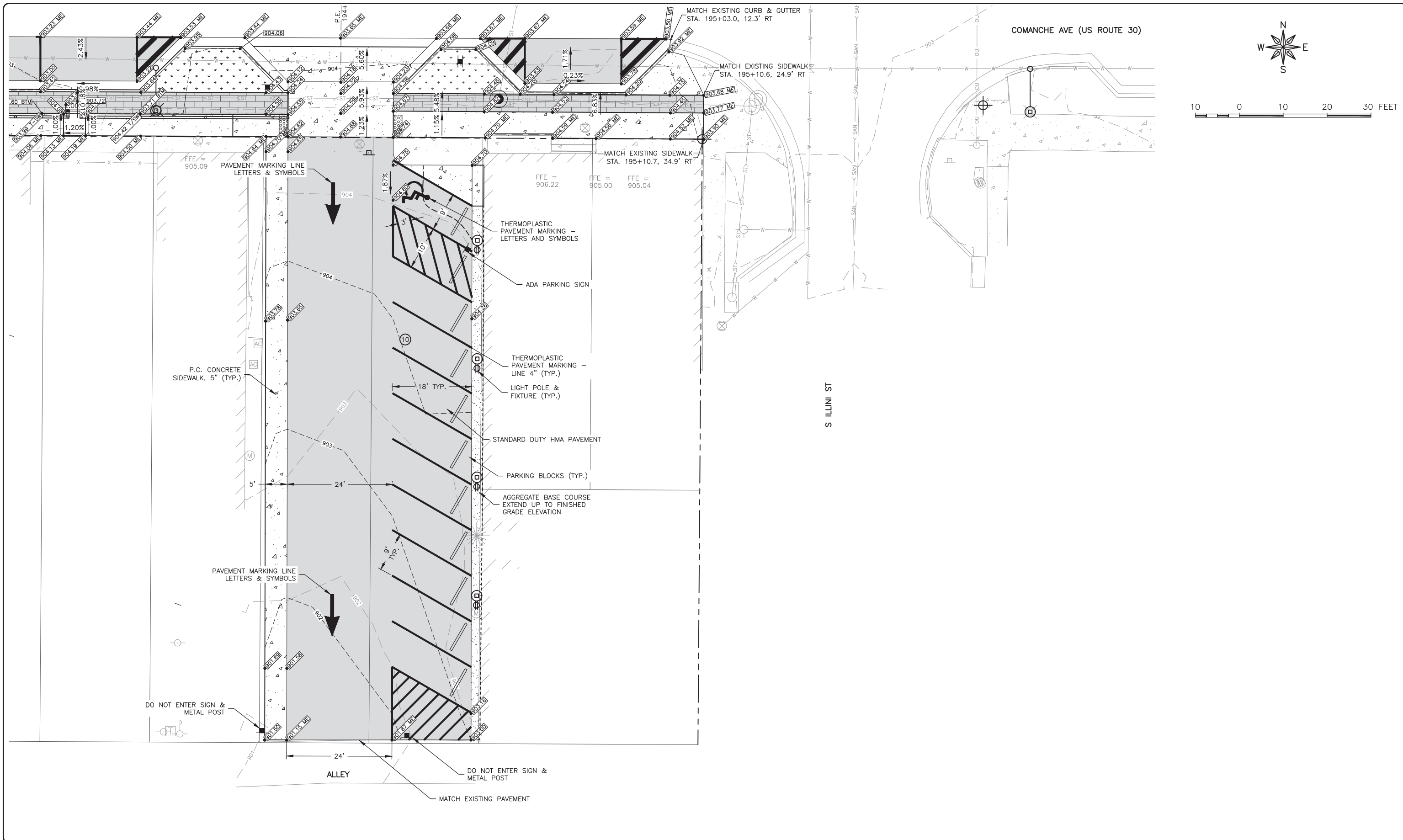
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
NORTH PARKING LOT

SET TYPE: **FINAL**
G:\CD\19-366\19-366 Design.dwg, N. PARK LOT

JOB NUMBER:
19-366

SHEET NUMBER:
33 of 71



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
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ILLINOIS
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SHABBONA, IL 60550

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SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
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SCALE: AS NOTED

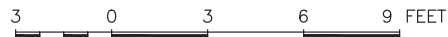
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SOUTH PARKING LOT

SET TYPE: FINAL
G:\C30\19-366\19-366 Design.dwg, S. PARK LOT

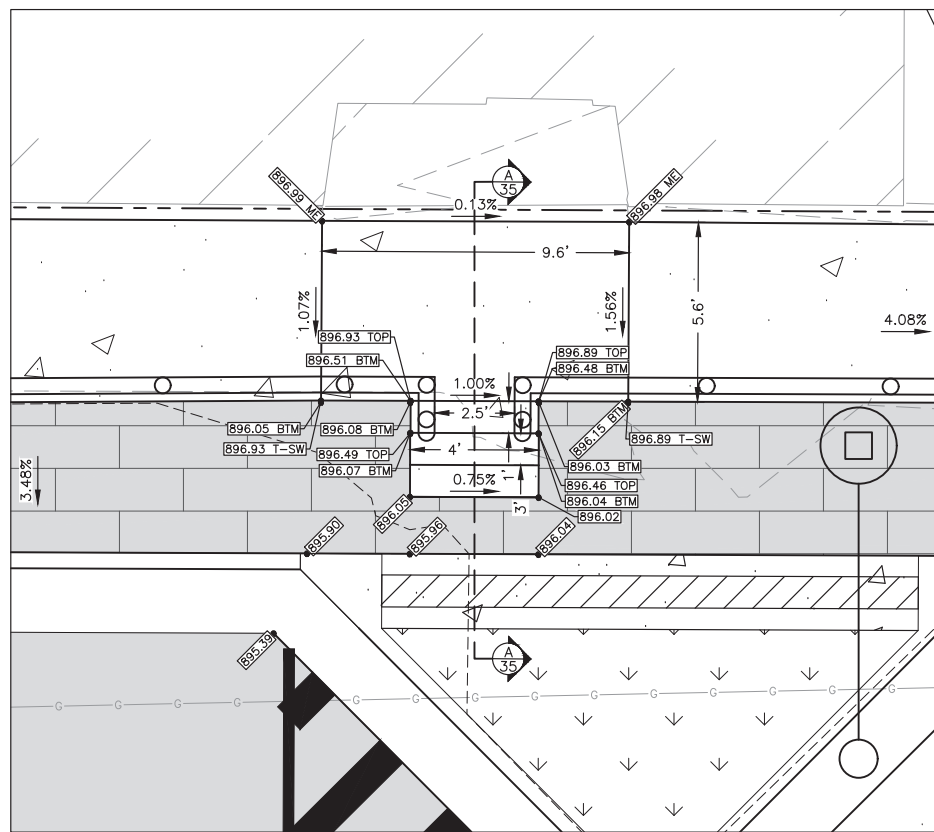
JOB NUMBER:
19-366

SHEET NUMBER:
34 of 71

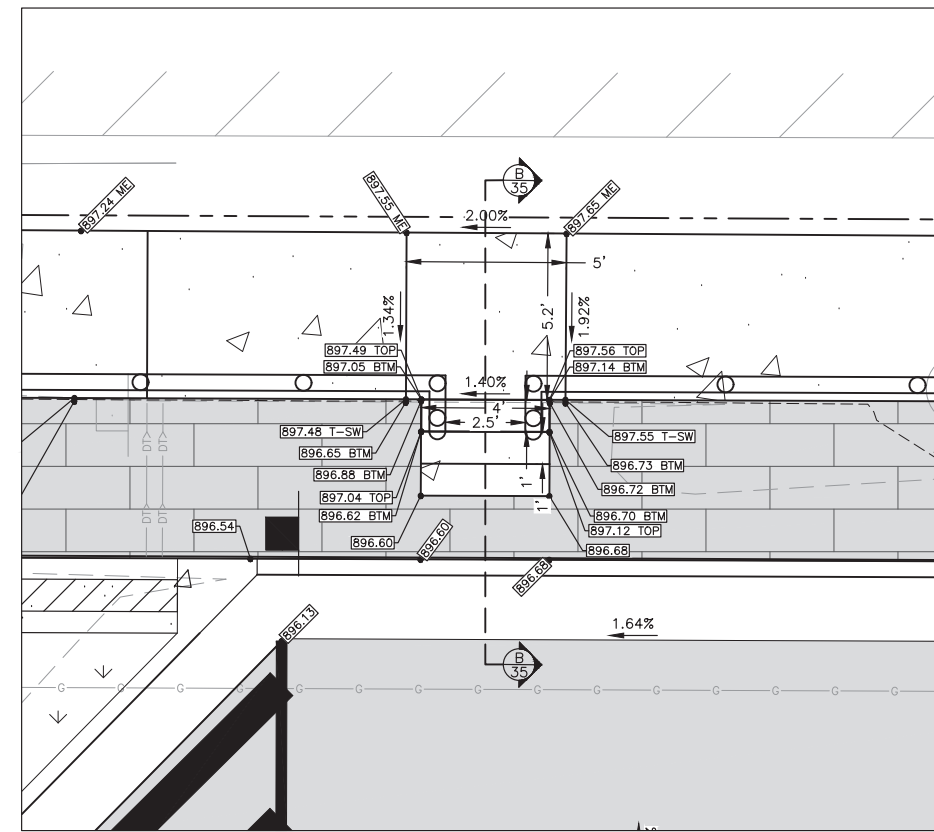


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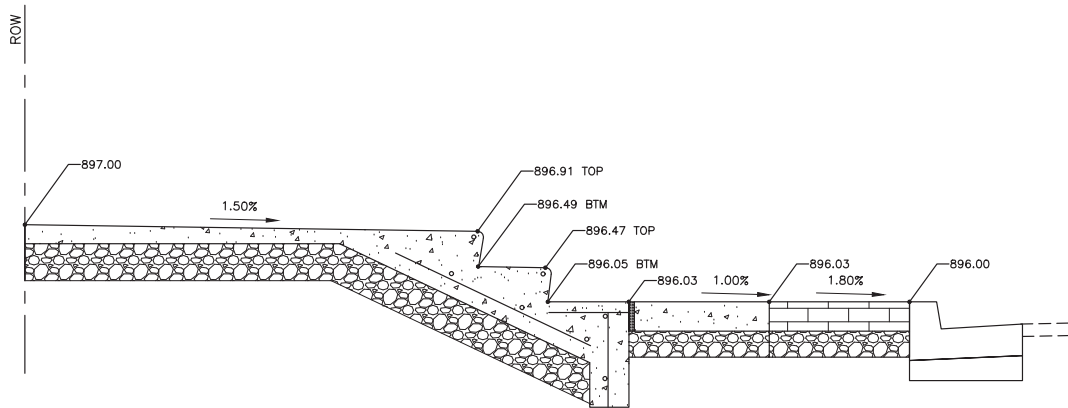
- ϕ 000.00 ME PROPOSED GRADE (MATCH EXISTING)
- ϕ 000.00 PROPOSED GRADE
- ϕ 000.00 T-SW PROPOSED TOP SIDEWALK GRADE
- ϕ 000.00 TOP PROPOSED STEP OF STEP GRADE
- ϕ 000.00 BTM PROPOSED BOTTOM OF STEPS GRADE



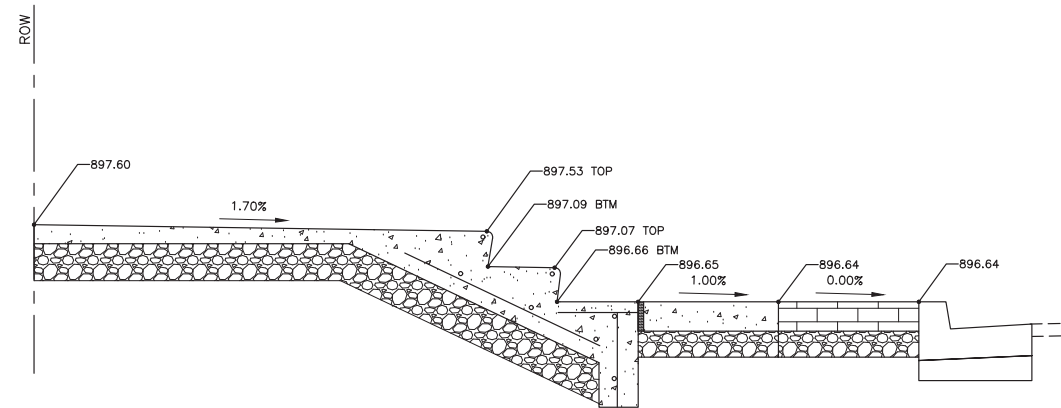
DETAIL A
SCALE: 1"=3'



DETAIL B
SCALE: 1"=3'



SECTION A
N.T.S.
COMANCHE AVENUE STAIRS
STA: 189+50



SECTION B
N.T.S.
COMANCHE AVENUE STAIRS
STA: 190+10

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SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
NORTH SECTION STAIRS

SET TYPE: FINAL
G:\CSD\19\19-366\19-366 Design.dwg, N. STAIRS

JOB NUMBER:
19-366

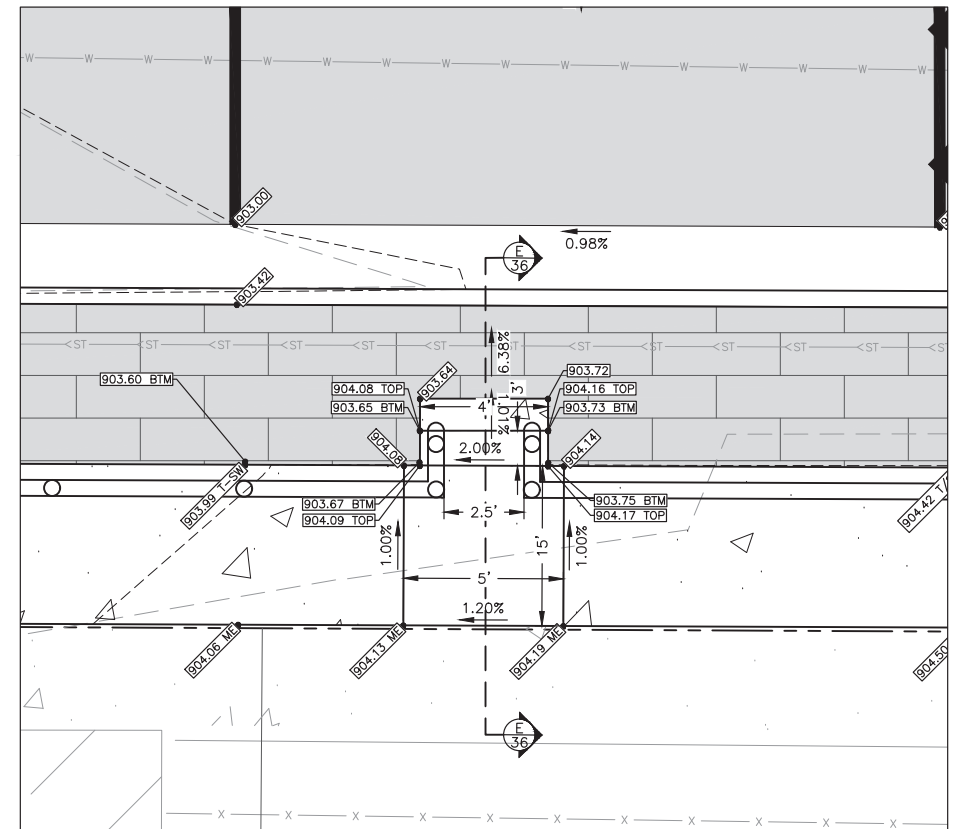
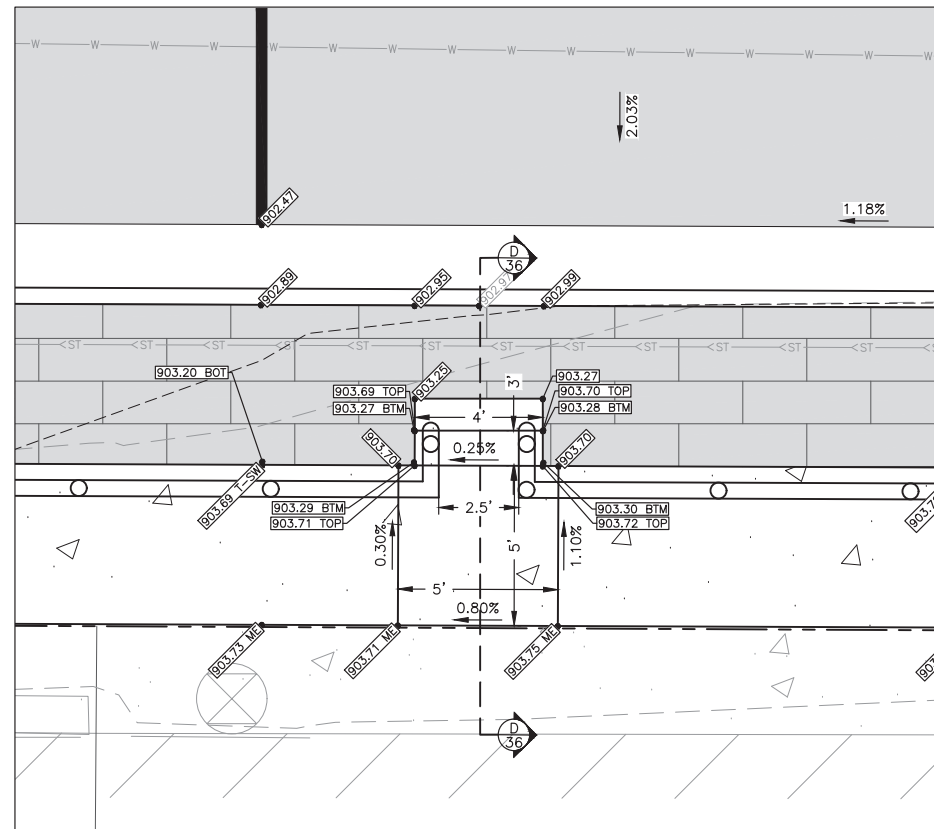
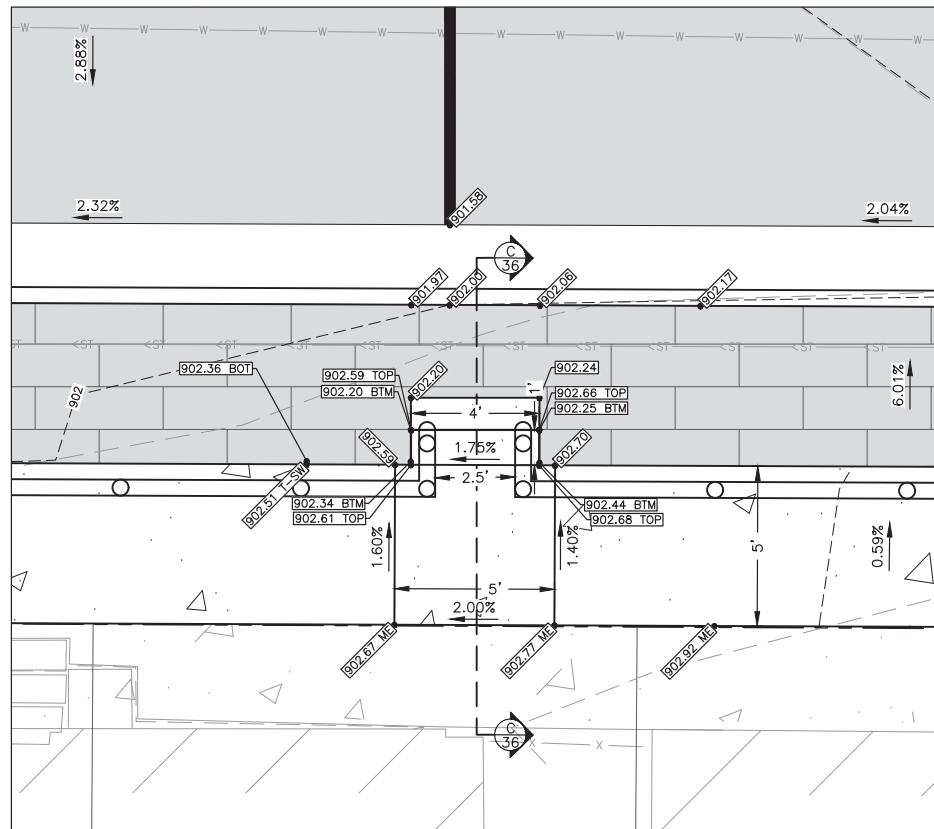
SHEET NUMBER:
35 of 71

LEGEND

- PROPOSED GRADE (MATCH EXISTING)
- PROPOSED GRADE
- PROPOSED TOP SIDEWALK GRADE
- PROPOSED STEP OF STEP GRADE
- PROPOSED BOTTOM OF STEPS GRADE



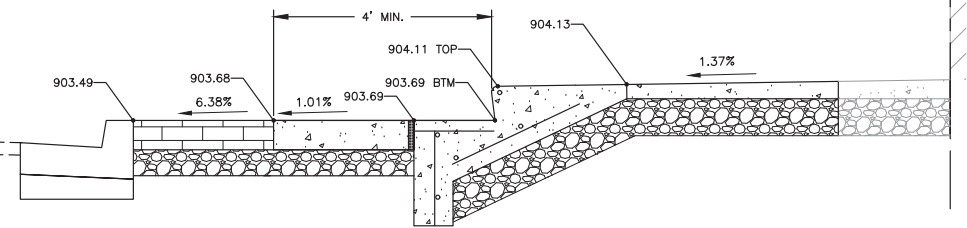
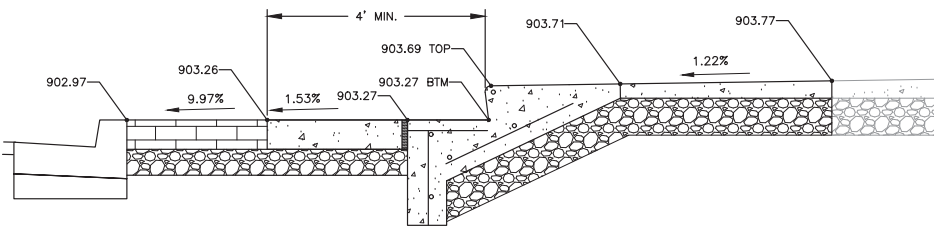
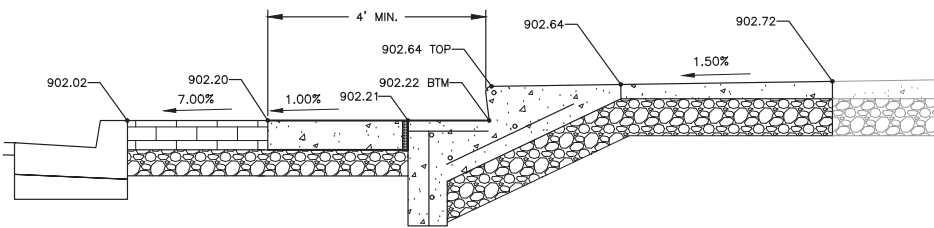
3 0 3 6 9 FEET



DETAIL C
SCALE: 1"=3'

DETAIL D
SCALE: 1"=3'

DETAIL E
SCALE: 1"=3'



SECTION C
N.T.S.

SECTION D
N.T.S.

SECTION E
N.T.S.

COMANCHE AVENUE STAIRS
STA: 192+72

COMANCHE AVENUE STAIRS
STA: 193+22

COMANCHE AVENUE STAIRS
STA: 193+67

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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

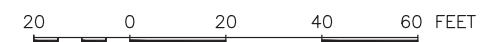
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SOUTH SECTION STAIRS

SET TYPE: **FINAL**
G:\CSD\19-366\19-366 Design.dwg, S. STAIRS

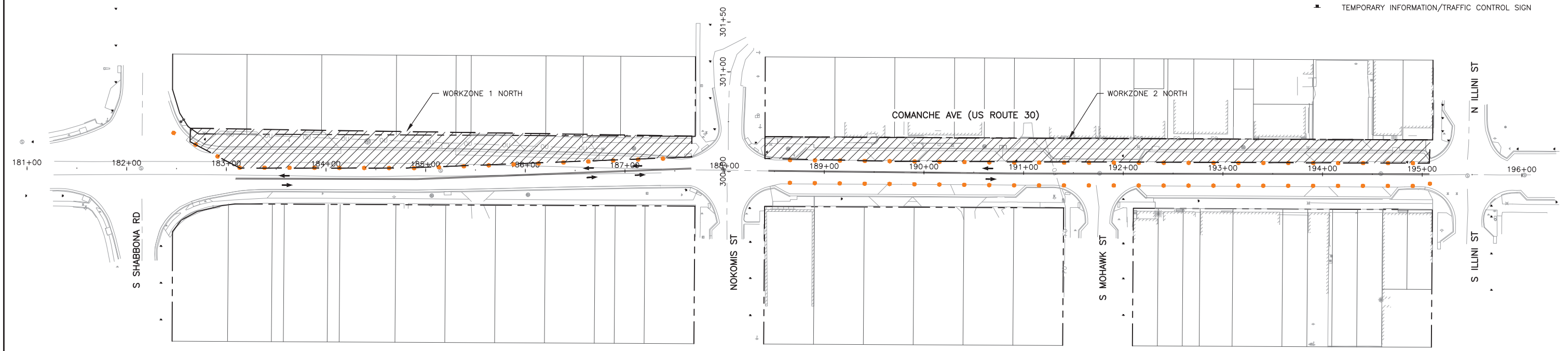
JOB NUMBER:
19-366

SHEET NUMBER:
36 of 71



LEGEND:

- TRAFFIC CONTROL DEVICE (BARRICADE DRUM) WITH STEADY BURN LIGHT AT 25' C-C EXCEPT AS NOTED. 25' C/C ON TAPERS AND 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS (SEE NOTE 3).
- WORK ZONE
- DIRECTION OF TRAFFIC MOVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TEMPORARY INFORMATION/TRAFFIC CONTROL SIGN



LEGEND:

- WORK AREA

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ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

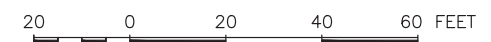
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
OVERALL NORTH TRAFFIC CONTROL PLANS
- STAGE 1

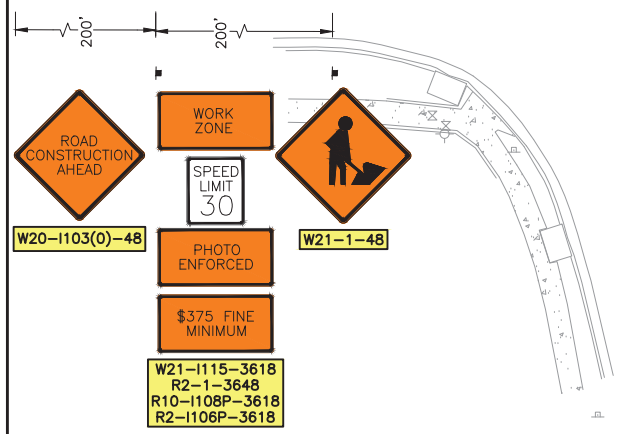
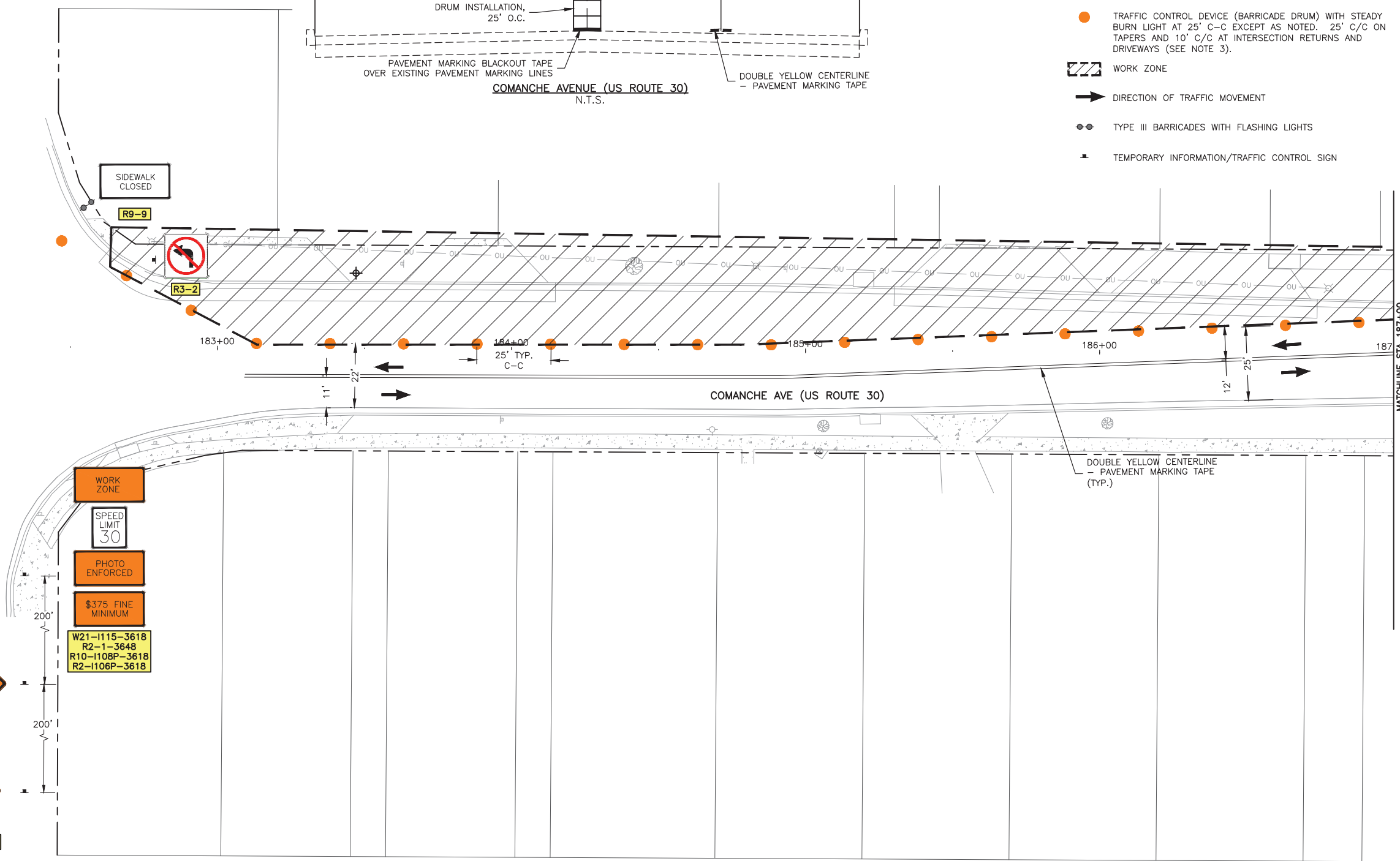
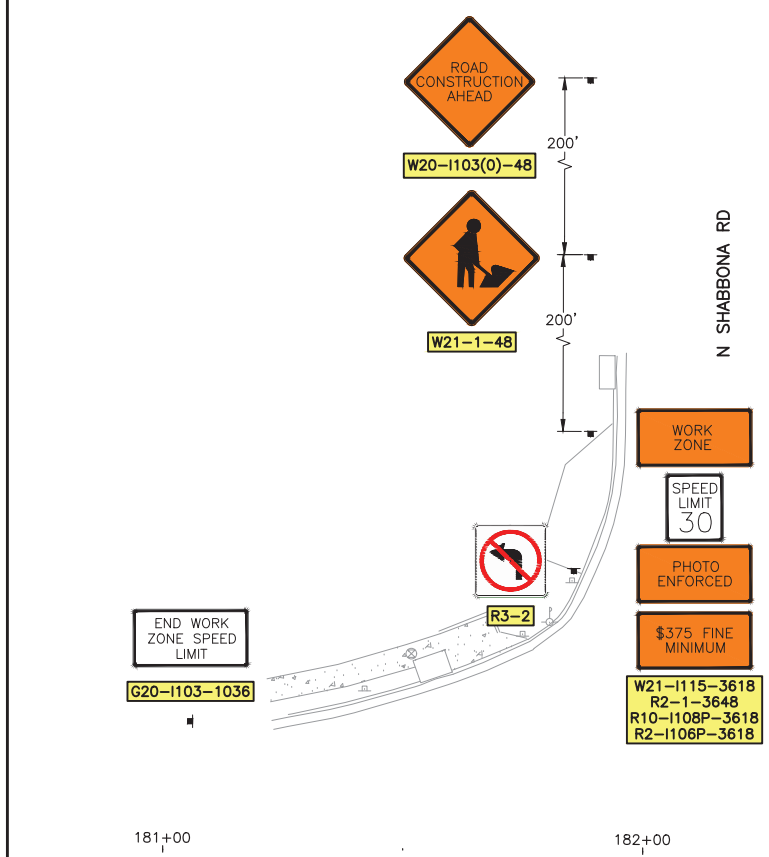
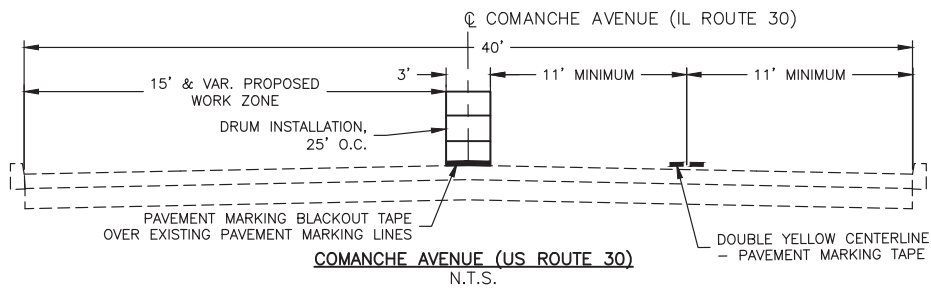
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G:\C30\19-366\Plans\19-366 Traffic Plans.dwg, N-T.C. OVERALL

JOB NUMBER:
19-366

SHEET NUMBER:
37 of 71



- LEGEND:**
- TRAFFIC CONTROL DEVICE (BARRICADE DRUM) WITH STEADY BURN LIGHT AT 25' C-C EXCEPT AS NOTED. 25' C/C ON TAPERS AND 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS (SEE NOTE 3).
 - WORK ZONE
 - DIRECTION OF TRAFFIC MOVEMENT
 - TYPE III BARRICADES WITH FLASHING LIGHTS
 - TEMPORARY INFORMATION/TRAFFIC CONTROL SIGN



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206 S. BLACKHAWK ST
SHABBONA, IL 60550

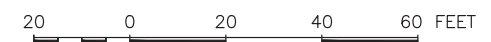
PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

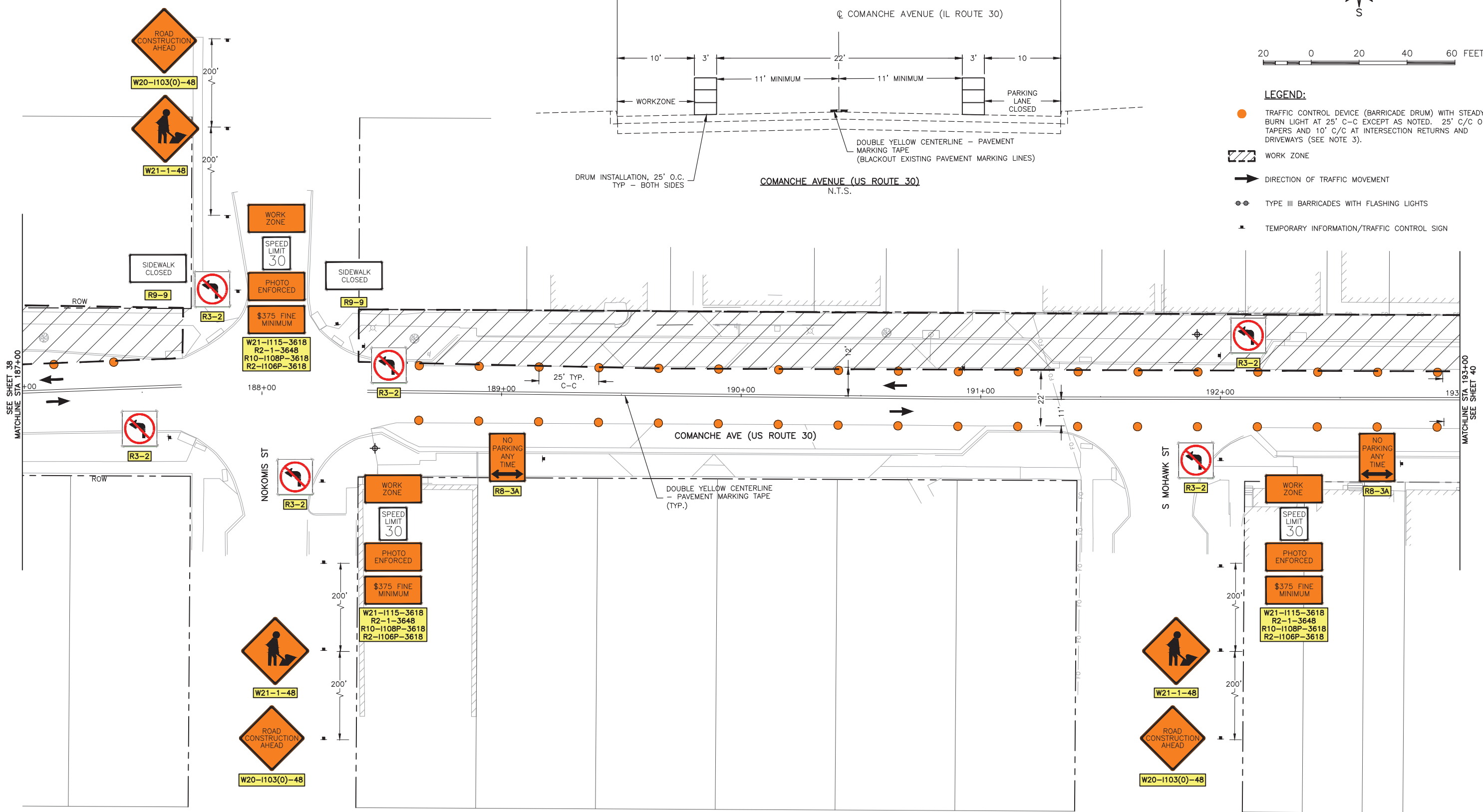
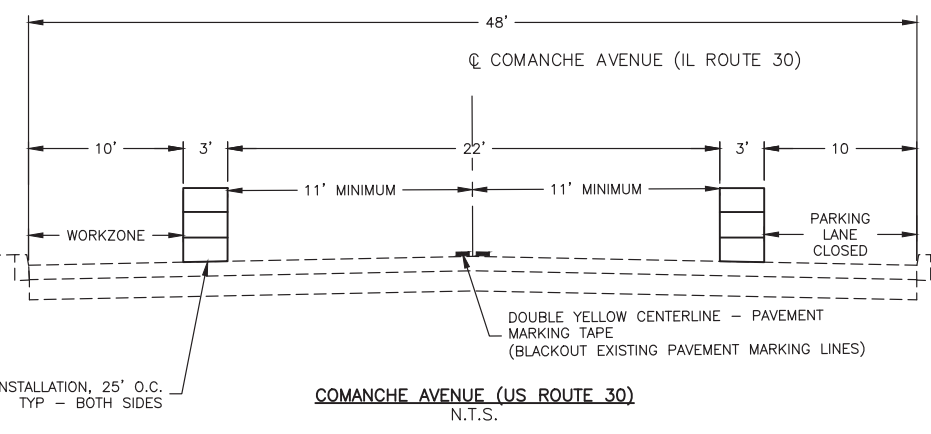
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
NORTH TRAFFIC CONTROL PLANS STA
181+00 TO 187+00 - STAGE 1
SET TYPE: FINAL
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JOB NUMBER:
19-366
SHEET NUMBER:
38 of 71



- LEGEND:**
- TRAFFIC CONTROL DEVICE (BARRICADE DRUM) WITH STEADY BURN LIGHT AT 25' C-C EXCEPT AS NOTED. 25' C/C ON TAPERS AND 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS (SEE NOTE 3).
 - WORK ZONE
 - DIRECTION OF TRAFFIC MOVEMENT
 - TYPE III BARRICADES WITH FLASHING LIGHTS
 - TEMPORARY INFORMATION/TRAFFIC CONTROL SIGN



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206 S. BLACKHAWK ST
SHABBONA, IL 60550

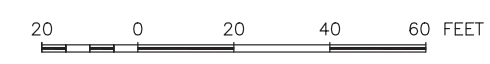
PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

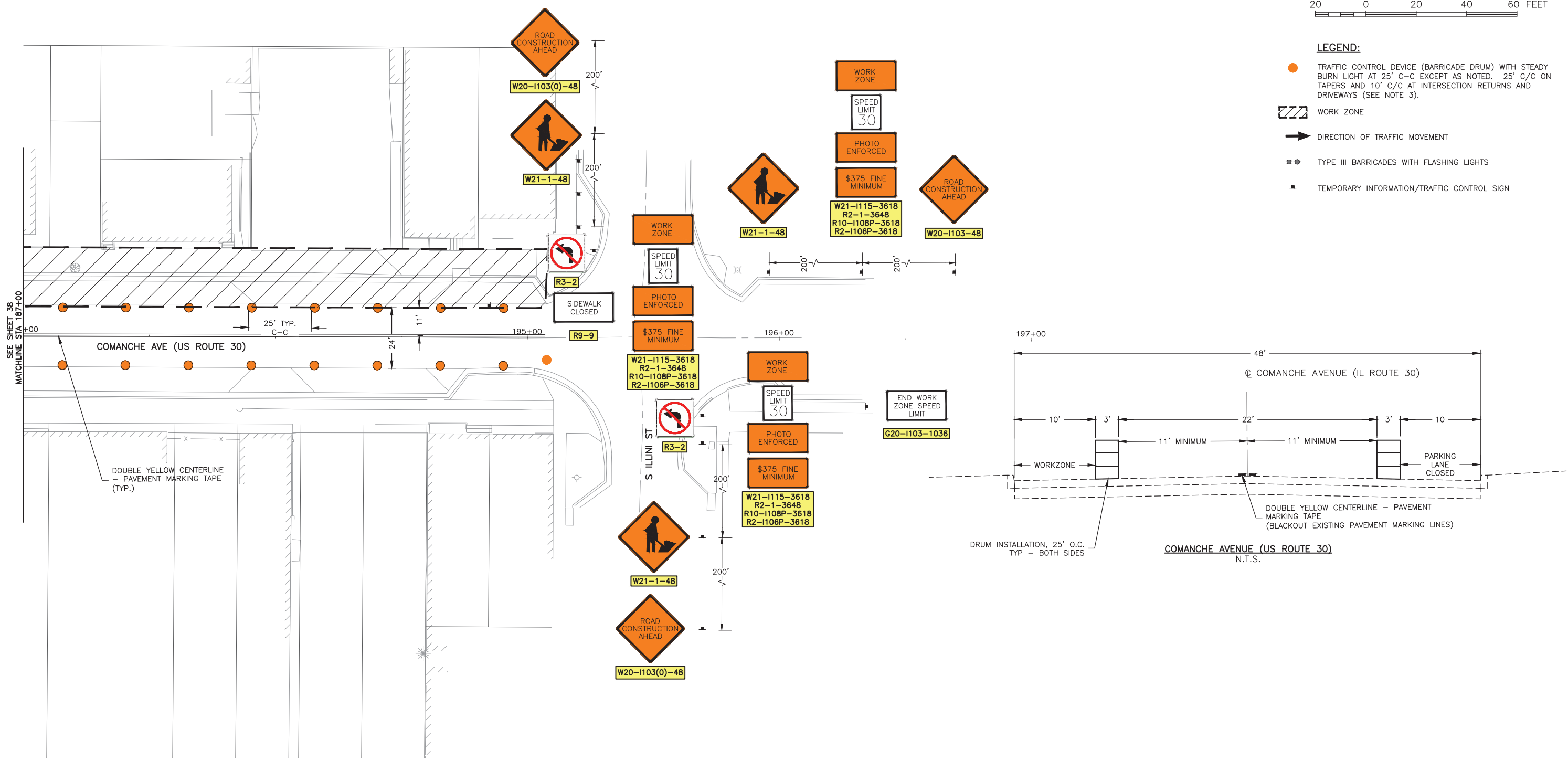
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REV. NO.	DESCRIPTION	DATE

DRAWING:
NORTH TRAFFIC CONTROL PLANS STA
187+00 TO 193+00 - STAGE 1
SET TYPE: FINAL
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JOB NUMBER:
19-366
SHEET NUMBER:
39 of 71



- LEGEND:**
- TRAFFIC CONTROL DEVICE (BARRICADE DRUM) WITH STEADY BURN LIGHT AT 25' C-C EXCEPT AS NOTED. 25' C/C ON TAPERS AND 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS (SEE NOTE 3).
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206 S. BLACKHAWK ST
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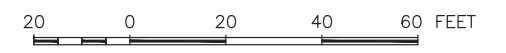
PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

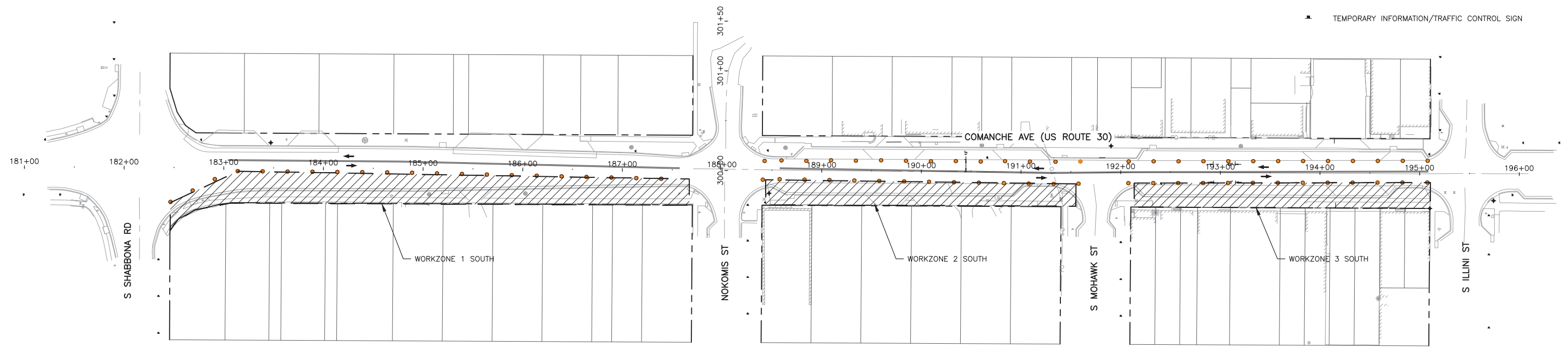
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NORTH TRAFFIC CONTROL PLANS STA
193+00 TO 196+00 - STAGE 1
SET TYPE: FINAL
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JOB NUMBER:
19-366
SHEET NUMBER:
40 of 71



LEGEND:

- TRAFFIC CONTROL DEVICE (BARRICADE DRUM) WITH STEADY BURN LIGHT AT 25' C-C EXCEPT AS NOTED. 25' C/C ON TAPERS AND 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS (SEE NOTE 3).
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ILLINOIS
IOWA
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OWNER/DEVELOPER:
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

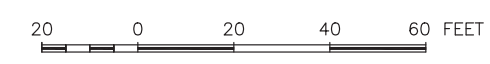
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
**OVERALL SOUTH TRAFFIC CONTROL PLANS
- STAGE 2**

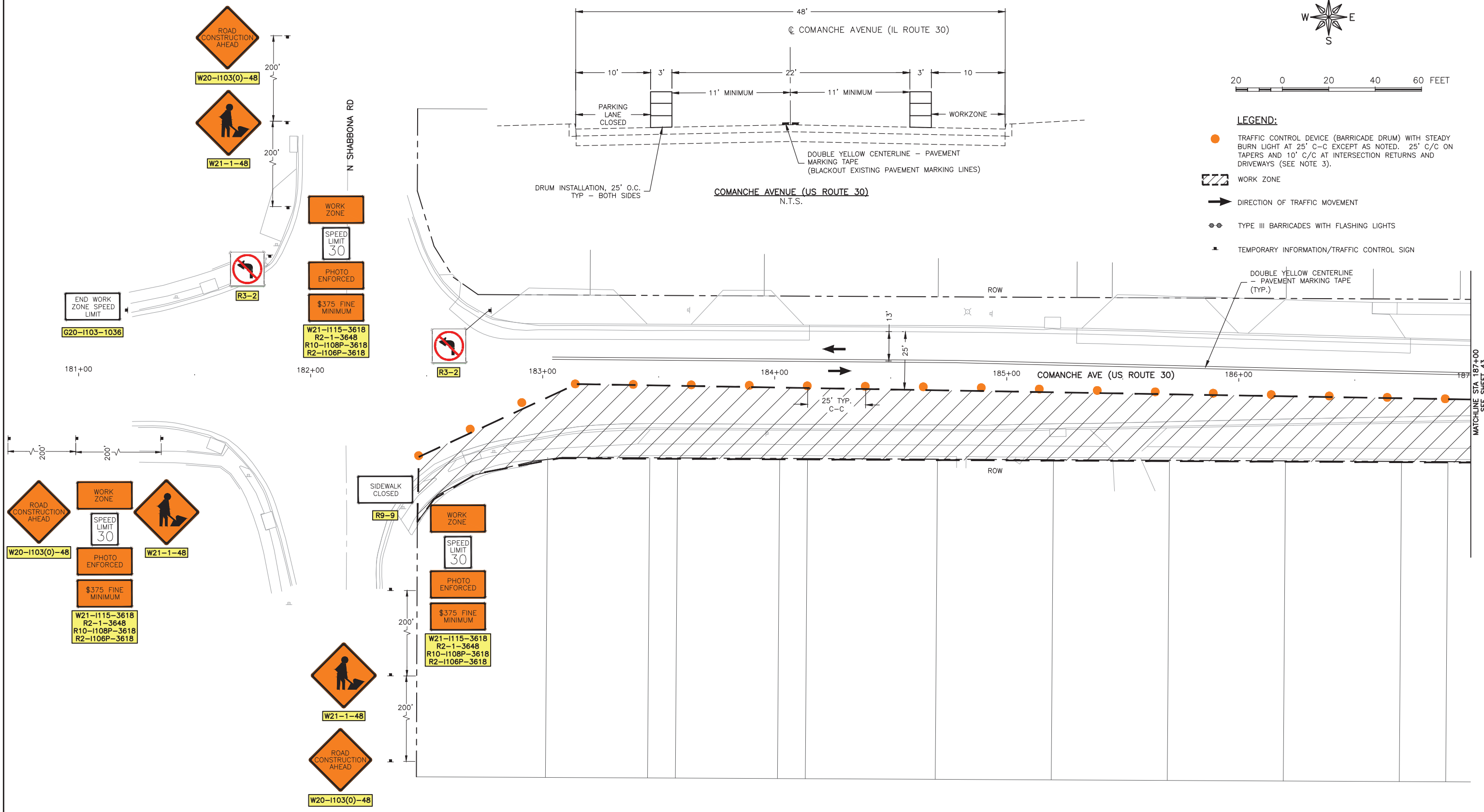
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JOB NUMBER:
19-366

SHEET NUMBER:
41 of 71



- LEGEND:**
- TRAFFIC CONTROL DEVICE (BARRICADE DRUM) WITH STEADY BURN LIGHT AT 25' C-C EXCEPT AS NOTED. 25' C/C ON TAPERS AND 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS (SEE NOTE 3).
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VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

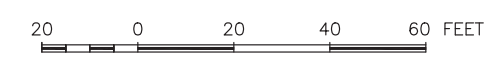
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SOUTH TRAFFIC CONTROL PLANS STA
181+00 TO 187+00 - STAGE 2

SET TYPE: FINAL
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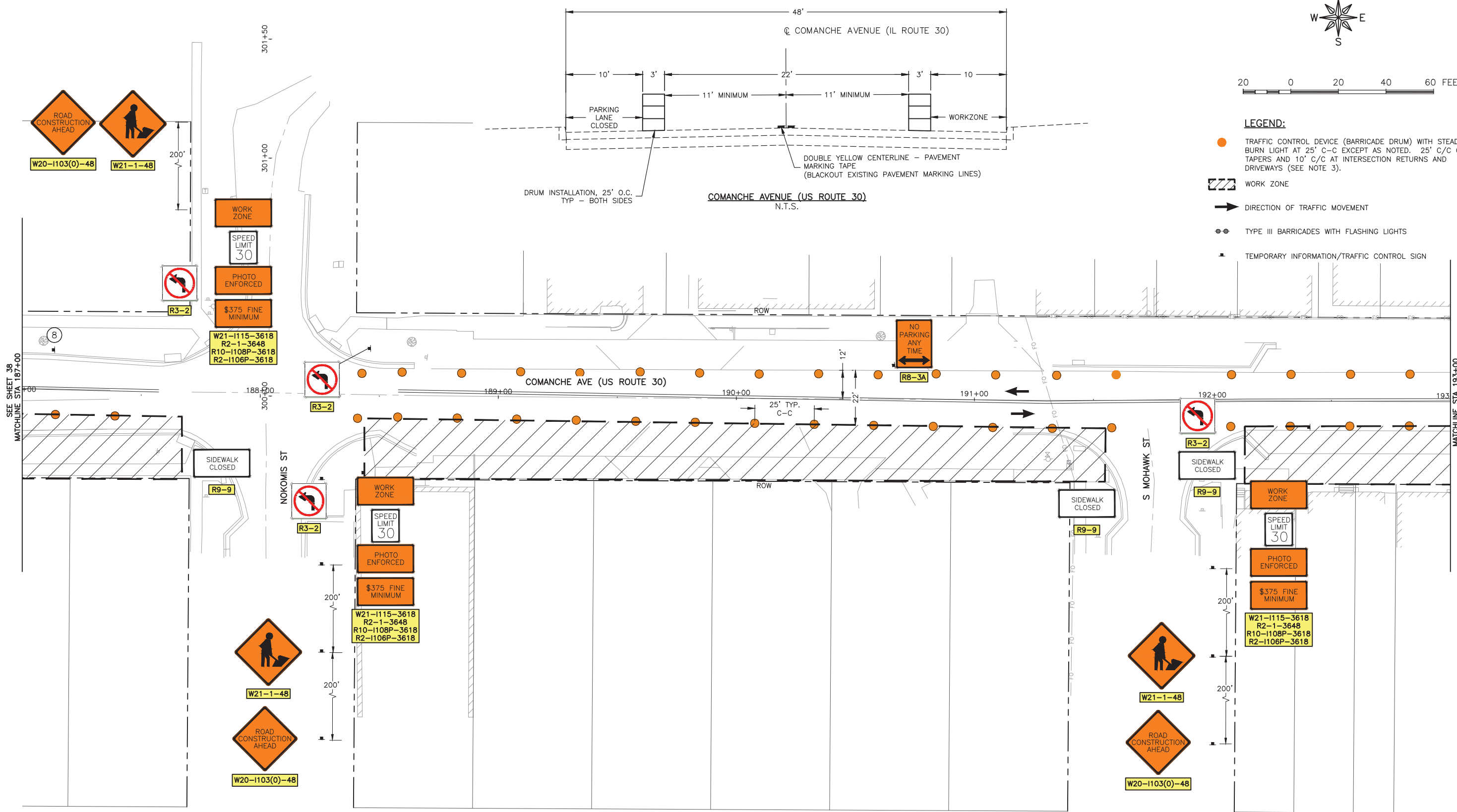
JOB NUMBER:
19-366

SHEET NUMBER:
42 of 71



LEGEND:

- TRAFFIC CONTROL DEVICE (BARRICADE DRUM) WITH STEADY BURN LIGHT AT 25' C-C EXCEPT AS NOTED. 25' C/C ON TAPERS AND 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS (SEE NOTE 3).
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SHABBONA, IL 60550

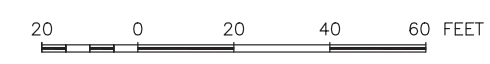
PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETScape
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

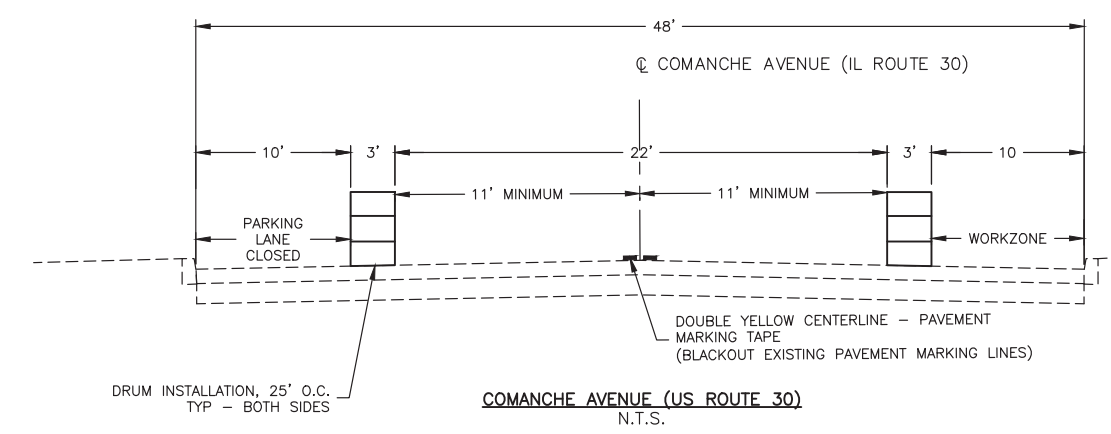
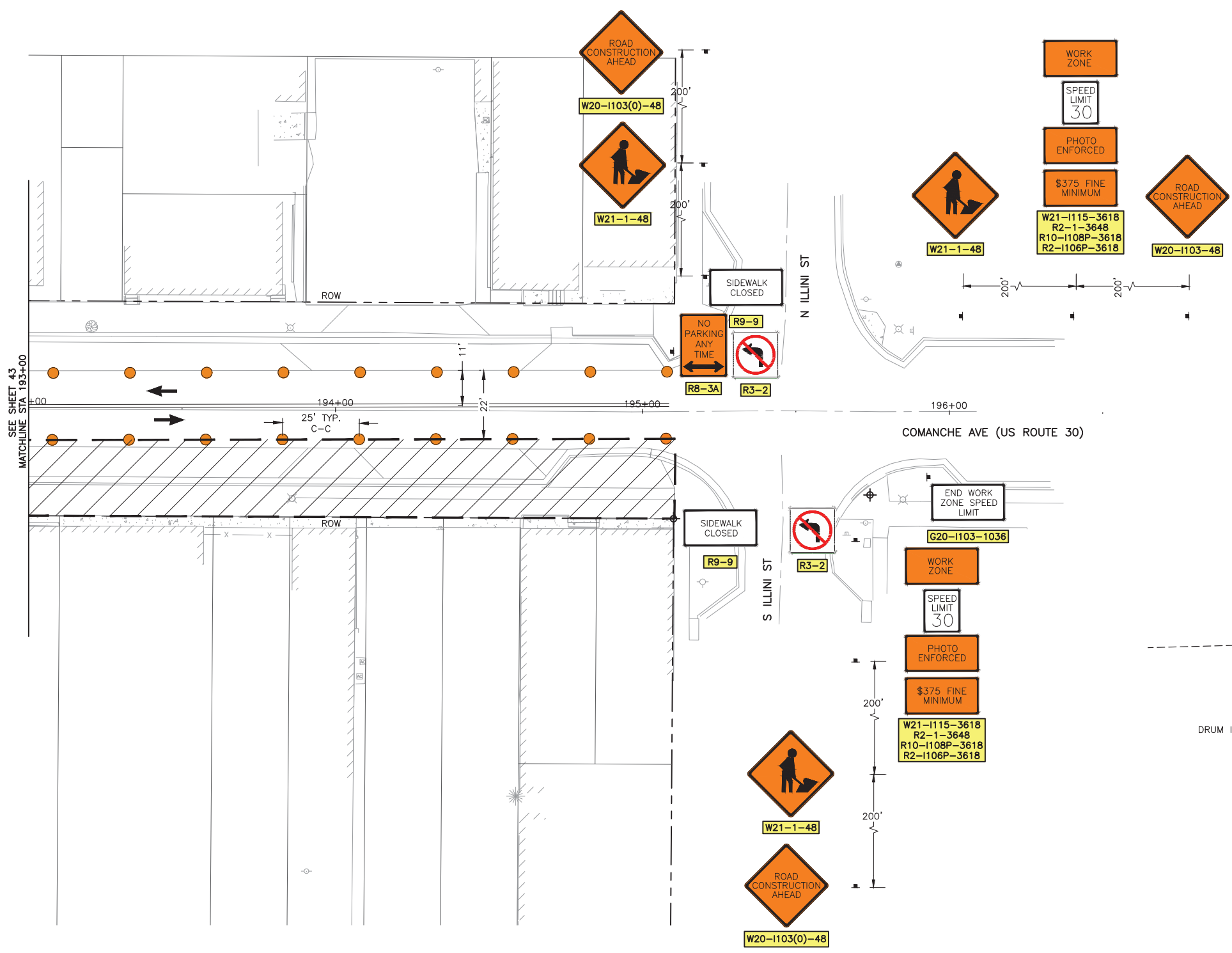
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SOUTH TRAFFIC CONTROL PLANS STA
187+00 TO 193+00 - STAGE 2
SET TYPE: FINAL
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JOB NUMBER:
19-366
SHEET NUMBER:
43 of 71



- LEGEND:**
- TRAFFIC CONTROL DEVICE (BARRICADE DRUM) WITH STEADY BURN LIGHT AT 25' C-C EXCEPT AS NOTED. 25' C/C ON TAPERS AND 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS (SEE NOTE 3).
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FEHR GRAHAM
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OWNER/DEVELOPER:
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

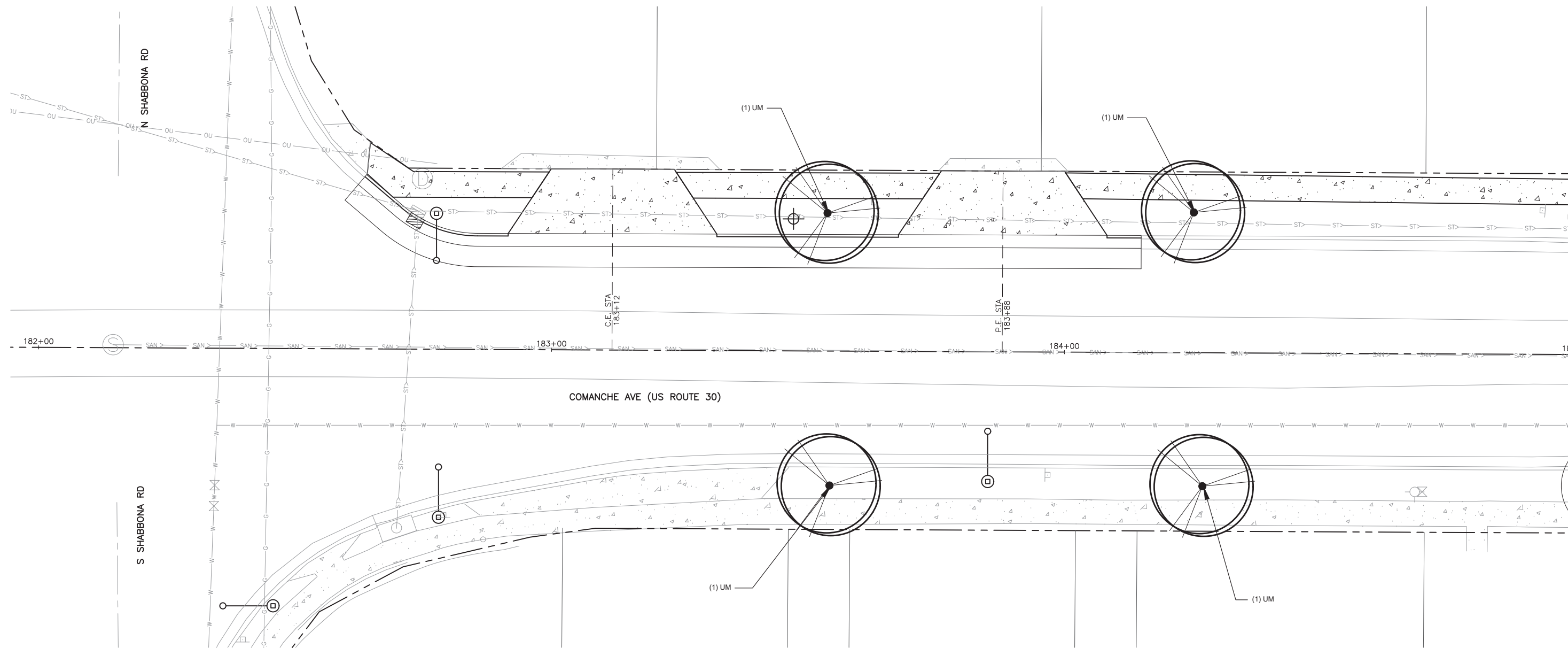
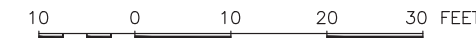
PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SOUTH TRAFFIC CONTROL PLANS STA
193+00 TO 196+00 - STAGE 2
SET TYPE: FINAL
G:\C30\19-366\Plans\19-366 Traffic Plans.dwg, S-T.C. 3

JOB NUMBER:
19-366
SHEET NUMBER:
44 of 71



MATCHLINE STA 185+00
SEE SHEET 47

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

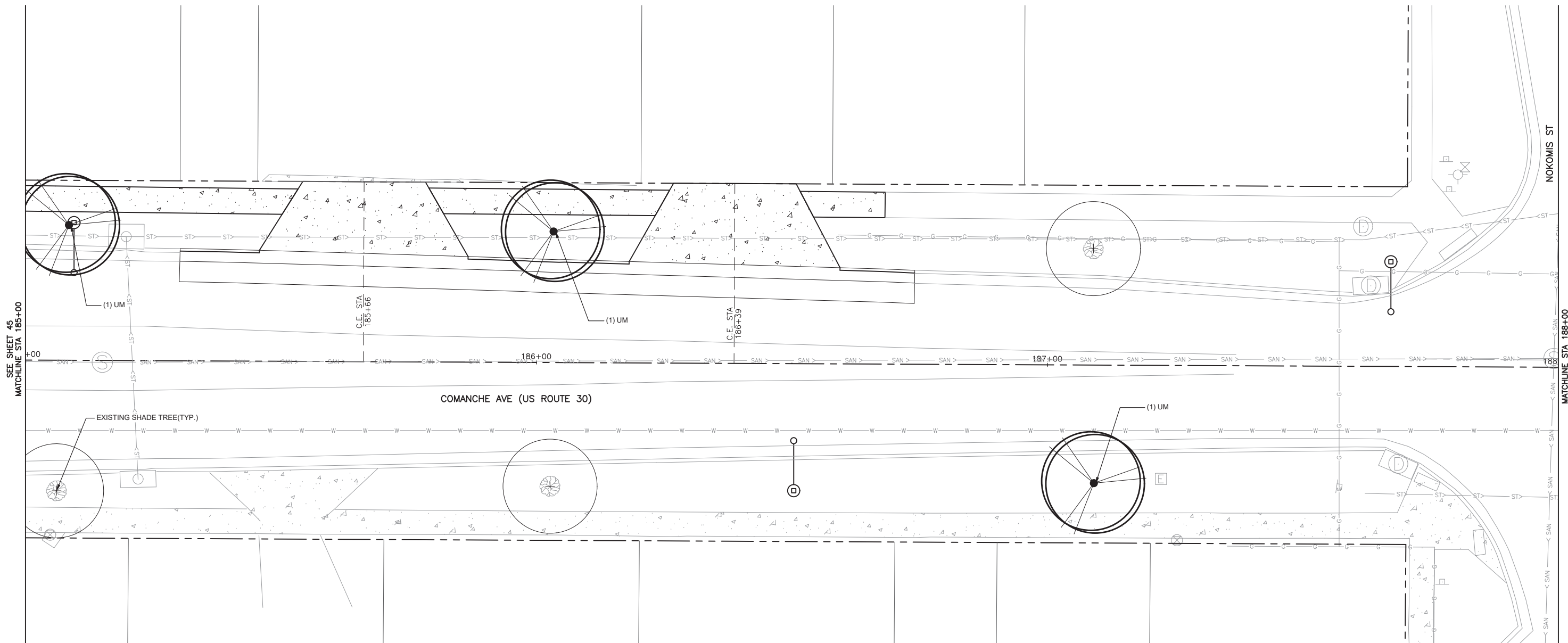
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
LANDSCAPE PLAN STA 182+00 TO 185+00
SET TYPE: FINAL
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JOB NUMBER:
19-366
SHEET NUMBER:
45 of 71



10 0 10 20 30 FEET



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ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
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OWNER/DEVELOPER:

VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:

SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

LANDSCAPE PLAN STA 185+00 TO 188+00

SET TYPE: FINAL

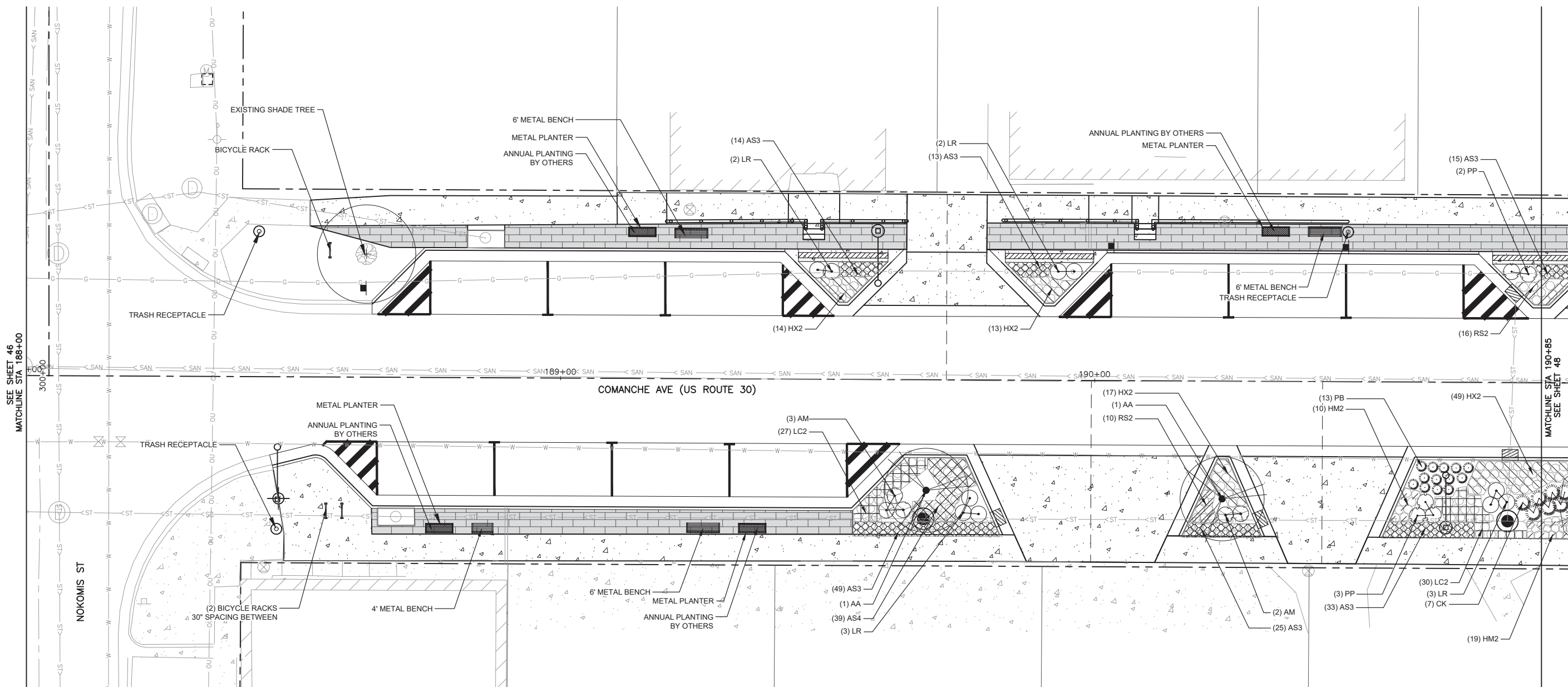
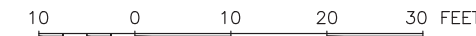
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JOB NUMBER:

19-366

SHEET NUMBER:

46 of 71



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ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:

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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:

SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

LANDSCAPE PLAN STA 188+00 TO 190+85

SET TYPE: **FINAL**

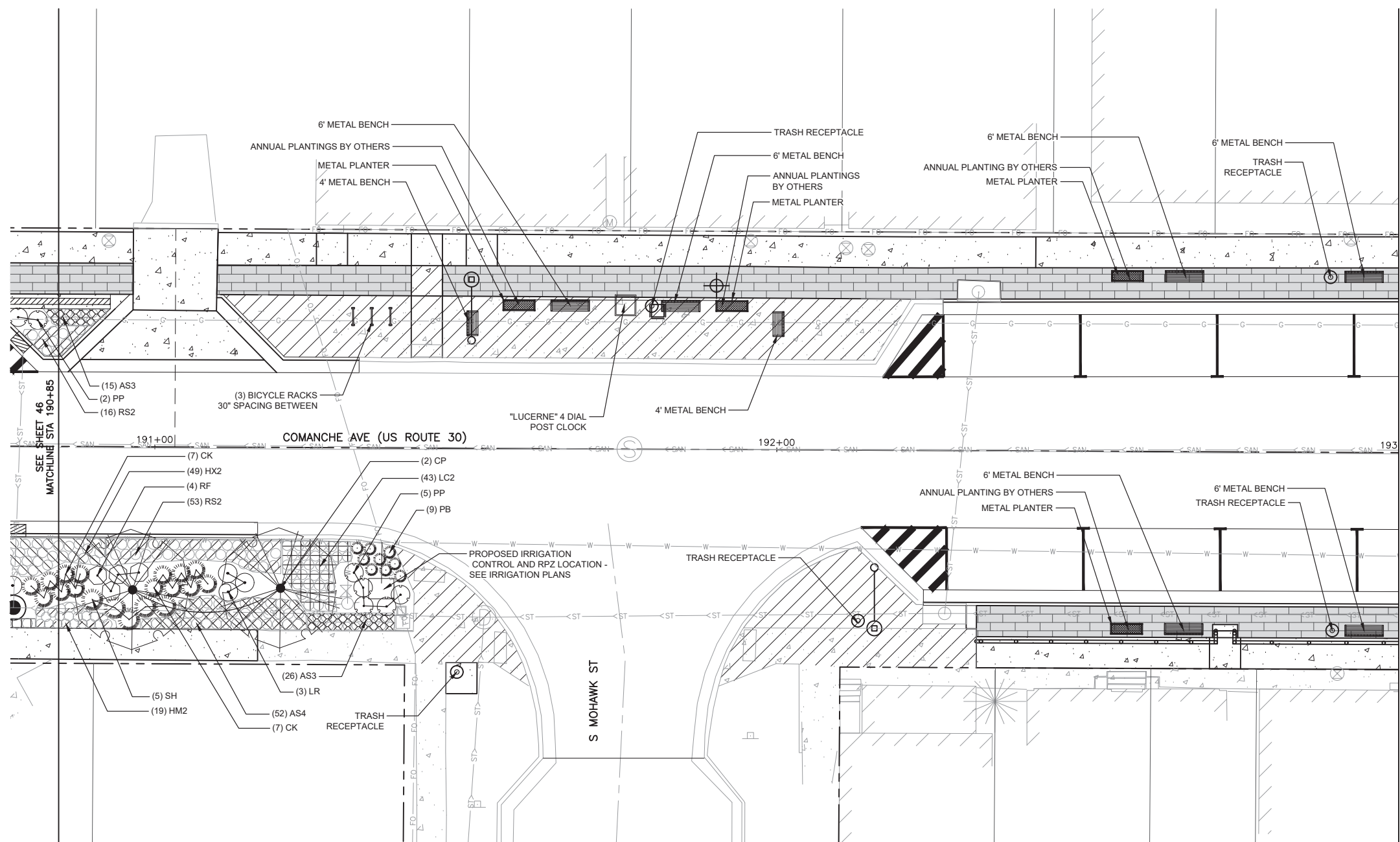
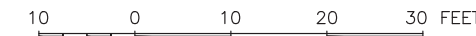
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JOB NUMBER:

19-366

SHEET NUMBER:

47 of 71



FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:

VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:

SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

LANDSCAPE PLAN STA 190+85 TO 193+00

SET TYPE: **FINAL**

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JOB NUMBER:

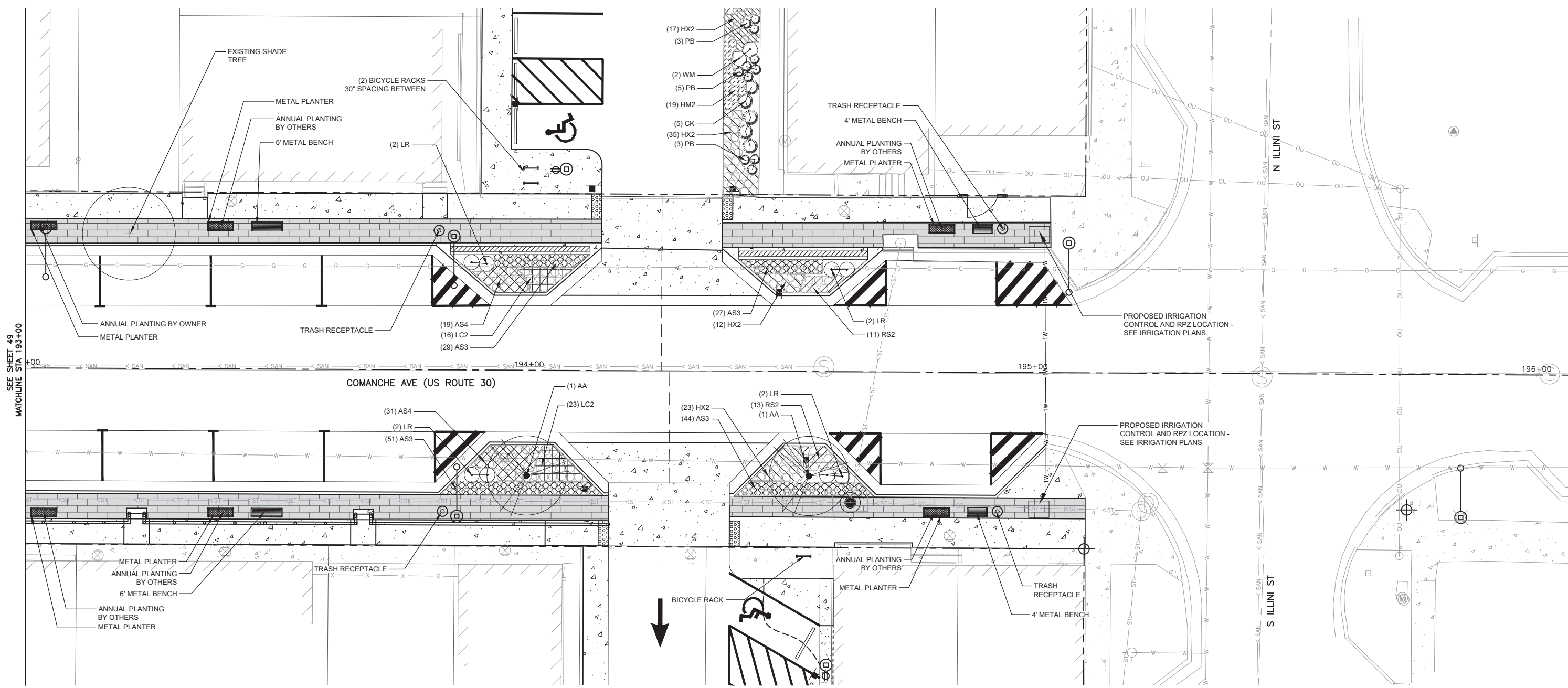
19-366

SHEET NUMBER:

48 of 71



10 0 10 20 30 FEET



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
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ILLINOIS
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: 05/17/2023
SCALE: AS NOTED

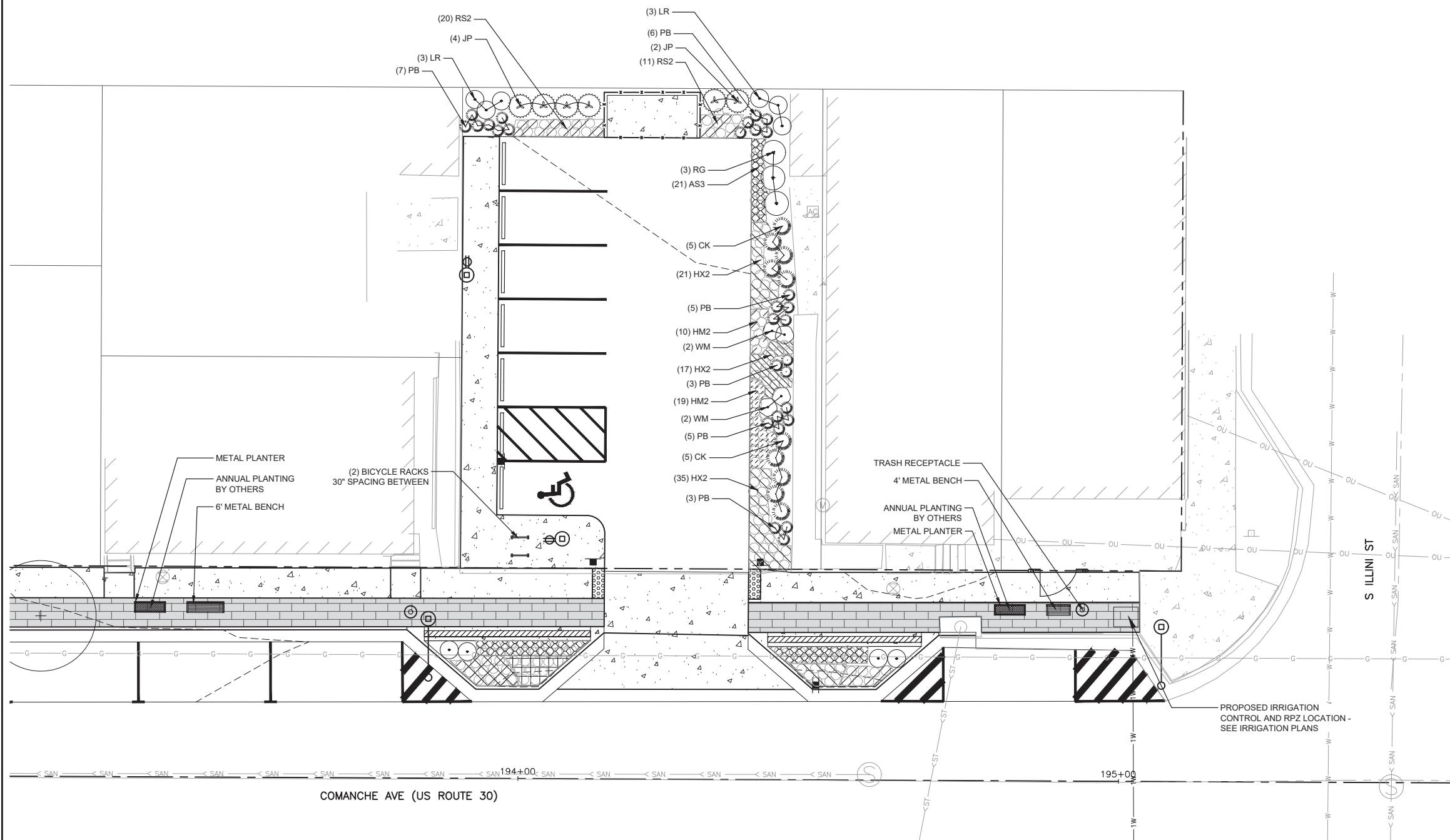
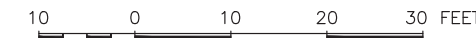
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
LANDSCAPE PLAN STA 193+00 TO 196+00
SET TYPE: **FINAL**
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JOB NUMBER:
19-366
SHEET NUMBER:
49 of 71

CONTRACT NO. 87841

SECTION NO. 23-00019-01-LS



FEHR GRAHAM
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
LANDSCAPE PLAN - NORTH PARKING LOT

SET TYPE: FINAL
G:\C30\19-366\Landscape\19-366 Landscape.dwg, N. PARKING LOT

JOB NUMBER:
19-366

SHEET NUMBER:
50 of 71

LANDSCAPE NOTES:

- CONTRACTOR SHALL VISIT SITE, INSPECT EXISTING CONDITIONS AND REVIEW PROPOSED WORK. IN CASE OF DISCREPANCY BETWEEN PLAN AND QUANTITY LISTS, PLAN SHALL GOVERN QUANTITIES.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON-SITE UTILITIES PRIOR TO BEGINNING CONSTRUCTION ON HIS/HER PHASE OF WORK. ELECTRIC, GAS, TELEPHONE, AND CABLE TELEVISION MAY BE LOCATED BY CALLING 811 NATIONWIDE TO REQUEST A LINE LOCATE. ANY DAMAGE TO UTILITIES OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR TO COORDINATE ALL RELATED ACTIVITIES WITH OTHER TRADES ON THE JOB AND SHALL REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
- CONTRACTOR RESPONSIBLE FOR APPLICATION AND COST OF ALL NECESSARY PERMITS AND CODE VERIFICATIONS. SUBMIT COPIES OF ALL DOCUMENTS TO OWNER AND LANDSCAPE ARCHITECT.
- ALL SHRUB BEDS AND TREES SHALL BE MULCHED WITH A 3" DEPTH CONTINUOUS LAYER OF DARK BROWN SHREDDED HARDWOOD BARK MULCH. ALL GROUND COVER AND PERENNIAL BEDS SHALL BE MULCHED WITH A 1" DEPTH LAYER OF MULCH. ALL DECIDUOUS TREES SHALL BE MULCHED WITH A 3' DIAMETER CIRCLE OF 3" DEPTH MULCH. ALL EVERGREEN TREES SHALL BE MULCHED TO THE DRIP LINE.
- PERENNIAL AND GROUND COVER BEDS SHALL BE AMENDED WITH A 2" LAYER OF MUSHROOM COMPOST, TILLED TO A DEPTH OF 6", RAKED SMOOTH, FERTILIZED WITH COMMERCIAL 10-6-4 FERTILIZER AT A RATE OF 25 LBS. PER 1,000 S.F., PLANTED, COVERED WITH 1" LAYER OF DARK BROWN SHREDDED HARDWOOD BARK MULCH AND WATERED.
- EDGE ALL SHRUB BEDS THAT ABUT LAWN AREAS WITH RYERSON 1/8" X 4" GREEN STEEL EDGING OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S SPECIFICATIONS. HEAT BEND ALL CORNERS. SAW CUT 1/2 DEPTH AND HEAT BEND ALL VERTICAL CURVES. INSTALL STAKES, CORNERS AND JOINTS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- THE TOPSOIL CONDITION FOR THIS PROJECT SITE IS AS FOLLOWS:

CONTRACTOR TO SUPPLY, PLACE AND FINISH GRADE TOPSOIL AT SPECIFIED DEPTHS IN PLANTING AND LAWN AREAS. PLANTING AREAS: 10 INCHES, LAWN AREAS: 6 INCHES.

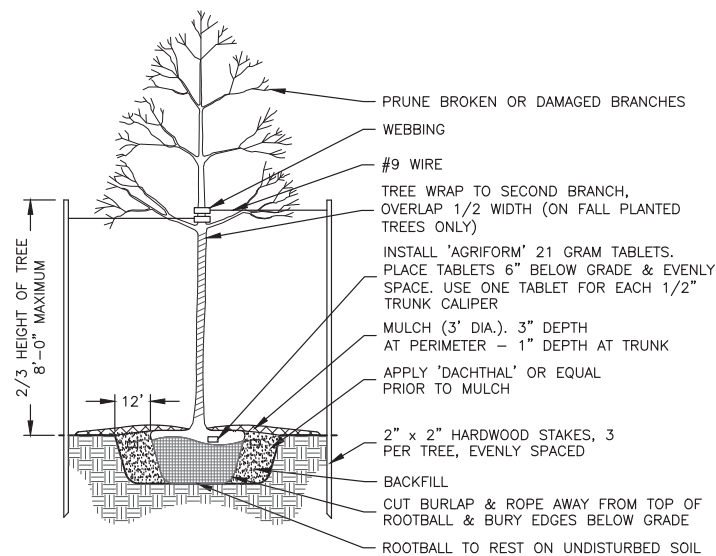
TOPSOIL FOR CORRECTING MINOR IRREGULARITIES ON-SITE WILL BE SUPPLIED AND PLACED BY CONTRACTOR.
- GUARANTEE OF PLANTS FOR ONE (1) YEAR SHALL BEGIN AFTER ACCEPTANCE BY LANDSCAPE ARCHITECT AND/OR OWNER. THE OWNER SHALL ASSUME MAINTENANCE RESPONSIBILITIES OF ALL PLANT MATERIAL, INCLUDING WATERING, CULTIVATING, WEEDING, MULCHING AND SPRAYING AS NECESSARY TO KEEP PLANTS FREE OF INSECTS AND IN A HEALTHY, VIGOROUS CONDITION. THE CONTRACTOR SHALL GUARANTEE ALL PLANTS TO BE IN A HEALTHY, VIGOROUS CONDITION FOR A PERIOD OF ONE (1) YEAR FOLLOWING ACCEPTANCE. CONTRACTOR SHALL REPLACE WITHOUT COST TO OWNER, ANY DEAD OR UNACCEPTABLE PLANTS, AS DETERMINED BY LANDSCAPE ARCHITECT DURING AND AT THE END OF THE GUARANTEE PERIOD.
- SOD TO BE WELL ESTABLISHED MINERAL TYPE GROWTH. NO PEAT SOD WILL BE ALLOWED. SOD

GRASSES SHALL CONSIST OF THE FOLLOWING BLUEGRASS TYPES: 55% BARRONS, 15% MAJESTIC, 15% ADELPHI, 15% GLADE. SOD PIECES ARE TO FIT TIGHTLY TOGETHER SO THAT NO JOINTS ARE VISIBLE, ALTERNATE AND STAGGER COURSES AND TAMP OR ROLL FIRMLY. ALL SODDED LAWN AREAS SHALL BE FERTILIZED AT FIRST CUTTING WITH 15-40-5 ANALYSIS FERTILIZER, AT A RATE OF 6 LBS. PER 1,000 S.F. ACCEPTANCE AND GUARANTEE SHALL APPLY TO ALL SOD AREAS.

- ACCEPTANCE OF GRADING AND SOD SHALL BE BY LANDSCAPE ARCHITECT AND OWNER. THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES FOR A MINIMUM OF THIRTY (30) DAYS OR UNTIL SECOND CUTTING, WHICHEVER IS LONGER. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, REPLACEMENT OF WASH-OFFS AND ANY OTHER OPERATIONS NECESSARY TO KEEP LAWN IN A THRIVING CONDITION. UPON FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT AND/OR OWNER, THE OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES.
- SEEDED LAWN TO BE A COMBINATION OF BLUEGRASS, PERENNIAL RYE AND RED FESCUE WITH THE FOLLOWING ANALYSIS BY WEIGHT: 30% RUGBY KENTUCKY BLUEGRASS, 20% PARK KENTUCKY BLUEGRASS, 20% CREEPING RED FESCUE, 20% SCALDIS HARD FESCUE, 10% PERENNIAL RYEGRASS. SEED TO BE APPLIED AT A RATE OF 4 LBS. PER 1,000 S.F. ALL SEEDED LAWN AREAS SHALL BE FERTILIZED AT INSTALLATION WITH 0-26-26 ANALYSIS, AT A RATE OF 6 LBS. PER 1,000 S.F. SECOND APPLICATION OF 15-40-5 TO BE APPLIED AT RATE OF 6 LBS. PER 1,000 S.F. AFTER FIRST CUTTING. ACCEPTANCE AND GUARANTEE NOTES SHALL APPLY TO ALL SEEDED AREAS.
- ACCEPTANCE OF GRADING AND SEEDING SHALL BE BY LANDSCAPE ARCHITECT AND OWNER. THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES FOR A MINIMUM OF SIXTY (60) DAYS OR UNTIL SECOND CUTTING, WHICHEVER IS LONGER. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, RESEEDING AND OTHER OPERATIONS NECESSARY TO KEEP LAWN IN A THRIVING CONDITION. UPON FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT AND/OR OWNER, OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES. AFTER LAWN AREAS HAVE GERMINATED, AREAS WHICH FAIL TO SHOW A UNIFORM STAND OF GRASS FOR ANY REASON WHATSOEVER SHALL BE RESEEDED REPEATEDLY UNTIL ALL AREAS ARE COVERED WITH A SATISFACTORY STAND OF GRASS. MINIMUM ACCEPTANCE OF SEEDED LAWN AREAS MAY INCLUDE SCATTERED BARE SPOTS, NONE OF WHICH ARE LARGER THAN 1 SQUARE FOOT AND WHEN COMBINED DO NOT EXCEED 2% OF TOTAL SEEDED LAWN AREA.
- IRRIGATION TO BE PROVIDED FOR AREAS INDICATED ON IRRIGATION PLANS. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF LINES, CONNECTIONS, ZONES, HEADS, AND OTHER COMPONENTS FOR APPROVAL BY ENGINEER PRIOR TO INSTALLATION. IRRIGATION FOR FREESTANDING METAL PLANTERS SHALL BE PROVIDED WITH REMOVEABLE CONNECTION TO IRRIGATION SYSTEM IN FLUSH-MOUNTED SIDEWALK CONNECTION. WATER LINE CONNECTIONS, ABOVE GROUND RPZ, AND CONTROLLER LOCATIONS SHOWN ON PLANS ARE PROVIDED FOR REFERENCE. FINAL LOCATIONS AND CONNECTIONS TO BE PREPARED BY CONTRACTOR AND SUBMITTED TO ENGINEER FOR APPROVAL.

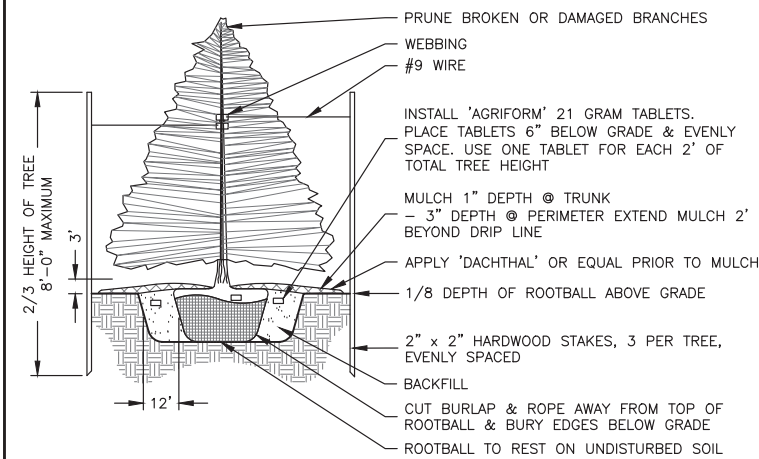
PLANT LIST:

Code	Botanical	Common	Size	Container	Spacing	Quantity
DECIDUOUS TREES						
AA	Acer x freemanii 'Armstrong'	Armstrong Freeman Maple	2.5" Cal.	B&B		4
CP	Celtis occidentalis 'JFS-KSU1'	Prairie Sentinel® Hackberry	2.5" Cal.	B&B		2
UM	Ulmus x 'Morton Glossy'	Triumph™ Elm	2.5" Cal.	B&B		7
DECIDUOUS SHRUBS						
AM	Aronia melanocarpa 'Morton'	Iroquois Beauty™ Black Chokeberry	2.5' Ht.	B&B		5
LR	Diervilla x 'G2X88544'	Kodiak® Orange Diervilla	#3			27
PP	Potentilla fruticosa 'Kupinpa'	Happy Face® Pink Paradise Bush Cinquefoil	#3			10
RG	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#5			3
RF	Rosa x 'NOA97400A'	Flower Carpet® Amber Rose	#3			4
WM	Weigela florida 'Minuet'	Minuet Weigela	#3			4
EVERGREEN SHRUBS						
JP	Juniperus chinensis 'Kallays Compact'	Kallay Compact Pfitzer Juniper	#5			6
GRASSES / SEDGES						
CK	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#3			24
PB	Pennisetum alopecuroides 'Burgundy Bunny'	Burgundy Bunny Dwarf Fountain Grass	#1			51
SH	Sporobolus heterolepis	Prairie Dropseed	#3			5
PERENNIALS						
AS3	Allium x 'MGsmmpkb13'	Summer Peek-A-Boo® Ornamental Onion	#1		15" o.c.	347
AS4	Anemone sylvestris	Snowdrop Anemone	#1		18" o.c.	141
HX2	Hemerocallis x 'VER00112'	EveryDaylily® Cream Daylily	#1		18" o.c.	201
HM2	Heuchera x 'Midnight Rose'	Midnight Rose Coral Bells	#1		18" o.c.	58
LC2	Liriope spicata	Creeping Lilyturf	#1		18" o.c.	139
RS2	Rudbeckia fulgida 'Little Goldstar'	Little Goldstar Coneflower	#1		18" o.c.	134

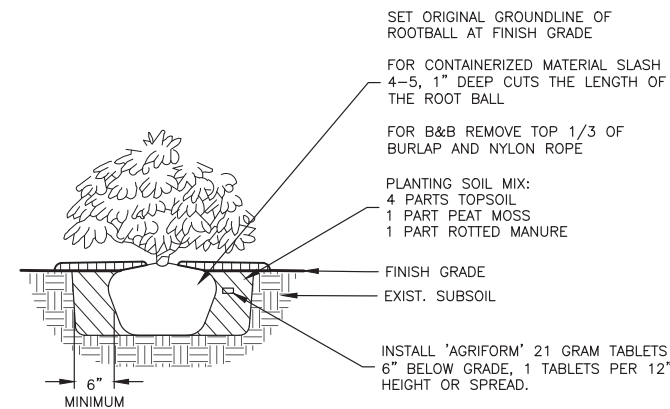


NOTE: TREE BRANCHES EXTENDING OVER SIDEWALKS SHALL BE TRIMMED TO A HEIGHT OF 80" ABOVE THE PAVEMENT SURFACE.

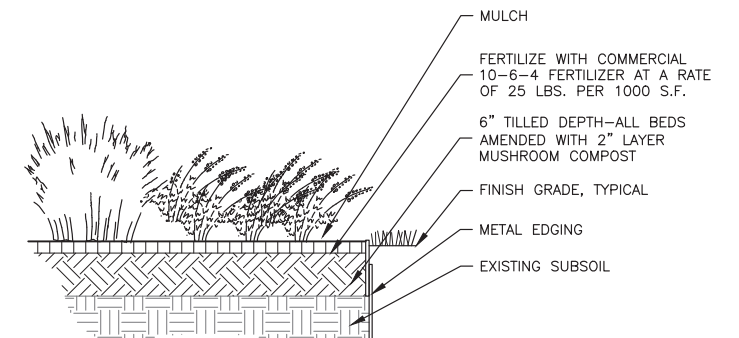
TREE PLANTING
N.T.S.



EVERGREEN TREE PLANTING
N.T.S.

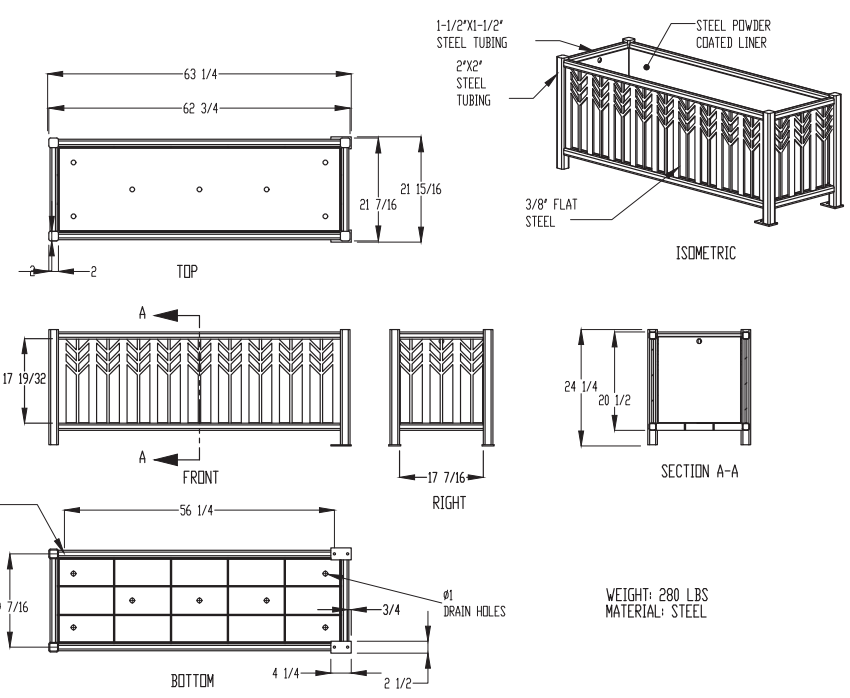


SHRUB PLANTING
N.T.S.



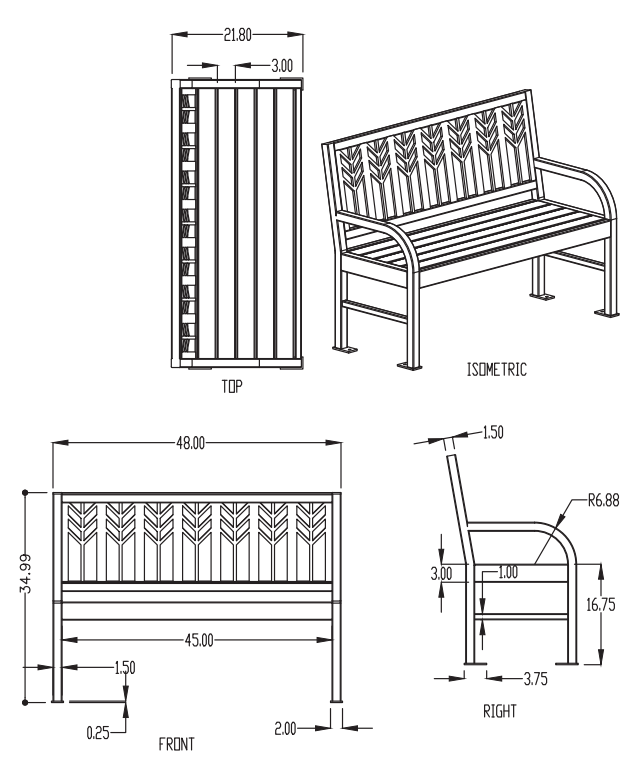
PERENNIAL/GROUNDCOVER PLANTING METAL EDGE
N.T.S.

REVISIONS		
REV. NO.	DESCRIPTION	DATE



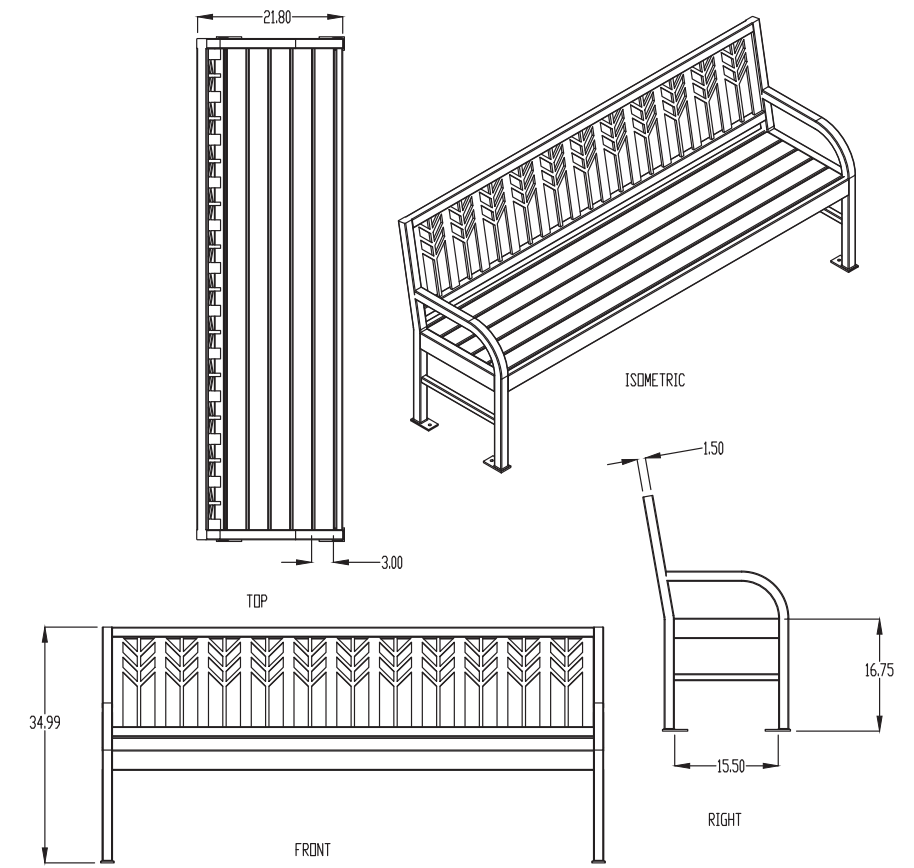
RAISED METAL PLANTER DETAIL
N.T.S.

WEIGHT: 280 LBS
MATERIAL: STEEL



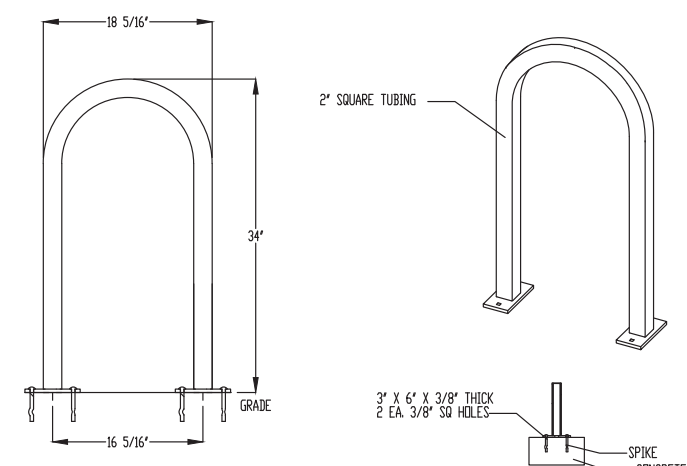
4' METAL BENCH DETAIL
N.T.S.

WEIGHT: 140 LBS
MATERIAL: STEEL



6' METAL BENCH DETAIL
N.T.S.

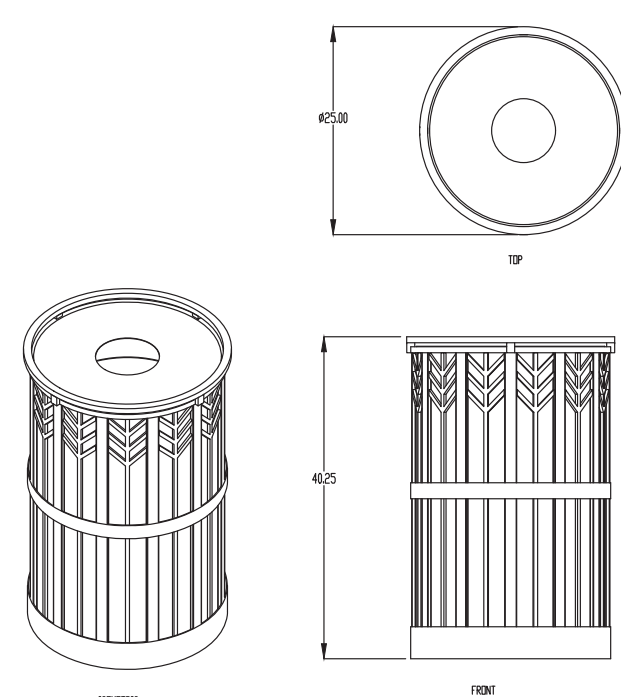
WEIGHT: 180 LBS
MATERIAL: STEEL



BICYCLE RACK DETAIL
N.T.S.

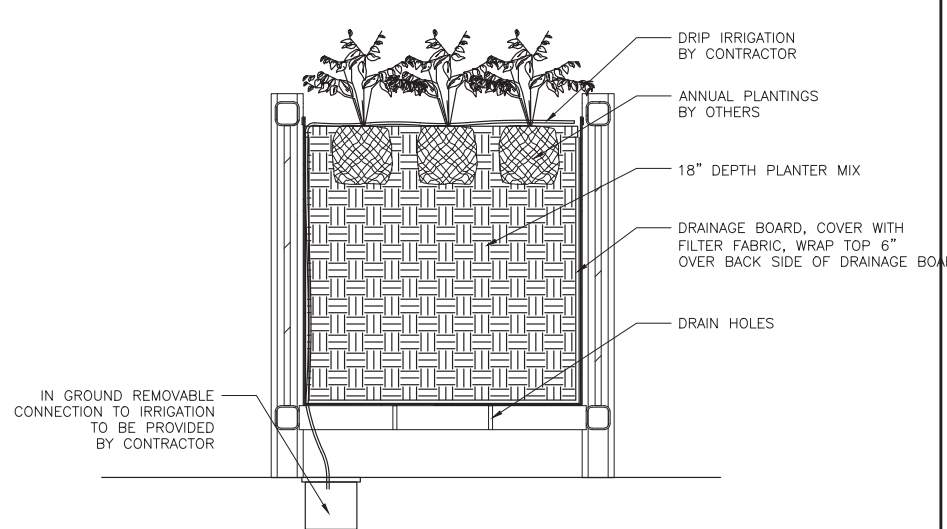
DESCRIPTION: 1' BIKE RACK
2 BIKE, SURFACE MOUNT

- NOTES:
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. CONSULTANT TO SELECT COLOR (FINISH). SEE MANUFACTURER'S SPECIFICATIONS.
3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.



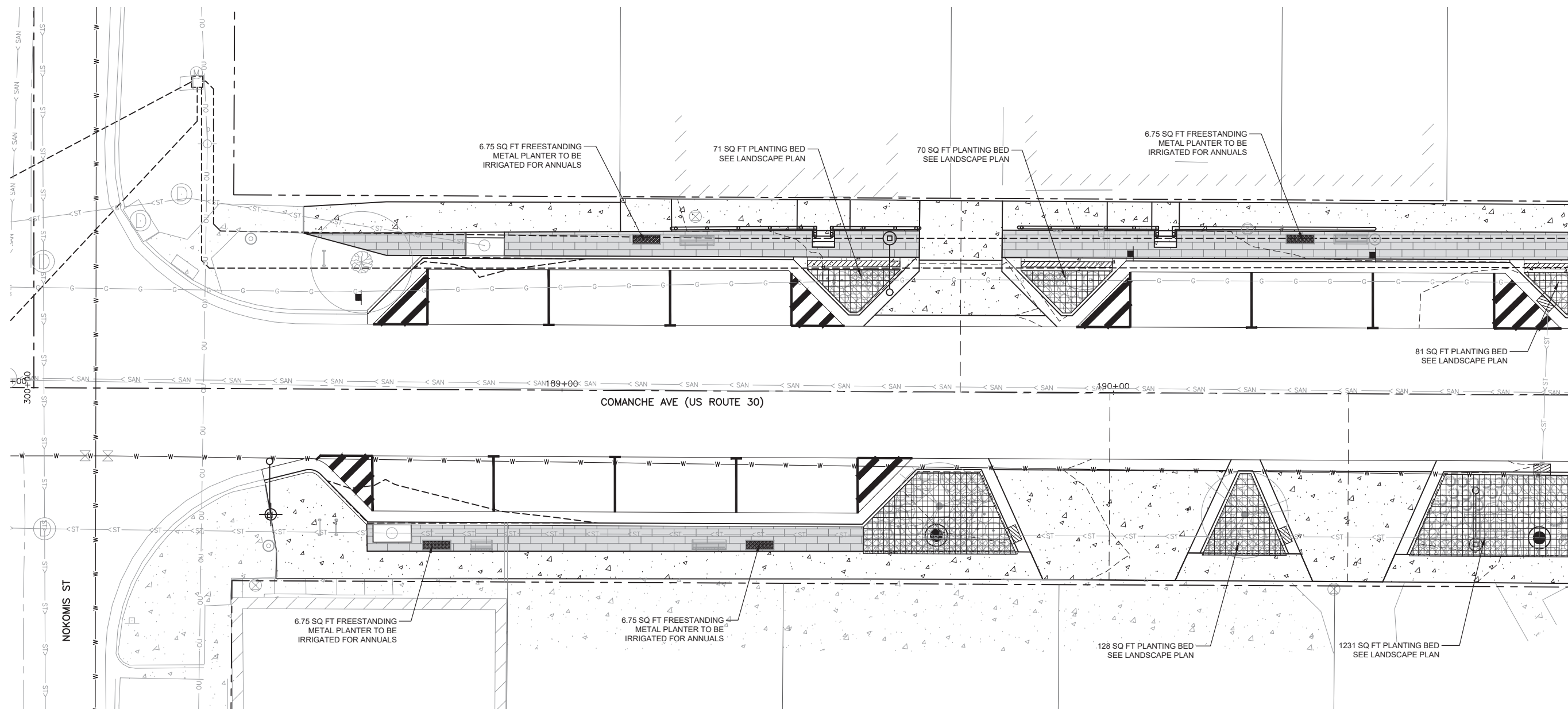
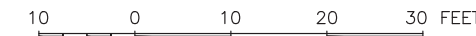
WASTE RECEPTACLE DETAIL
N.T.S.

WEIGHT: 270 LBS
MATERIAL: STEEL



RAISED METAL PLANTER DETAIL
N.T.S.

REVISIONS		
REV. NO.	DESCRIPTION	DATE



MATCHLINE STA 190+85
SEE SHEET 54

LEGEND

- FREESTANDING METAL PLANTER AREA TO BE IRRIGATED
- PLANTING BEDS TO BE IRRIGATED

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: **JMV**
APPROVED BY: **BS**
DATE: **05/17/2023**
SCALE: **AS NOTED**

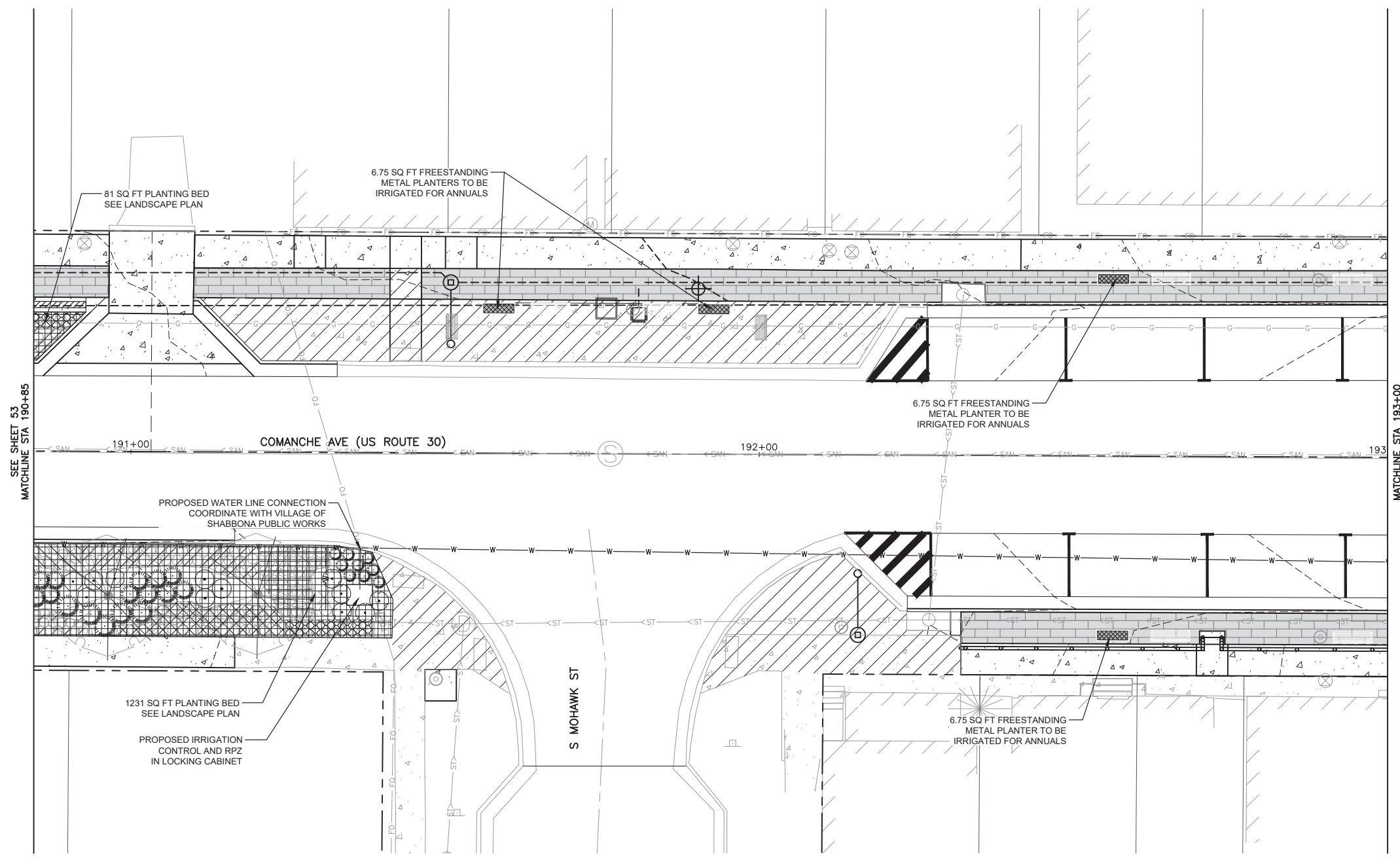
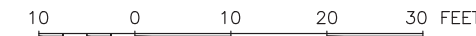
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
IRRIGATION PLAN STA 188+00 TO 190+85

SET TYPE: **FINAL**
G:\C30\19\19-366\Landscape\19-366 Landscape.dwg, IRRIGATION 1

JOB NUMBER:
19-366

SHEET NUMBER:
53 of 71



LEGEND

	FREESTANDING METAL PLANTER AREA TO BE IRRIGATED
	PLANTING BEDS TO BE IRRIGATED

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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

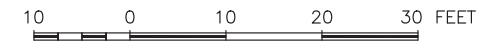
PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

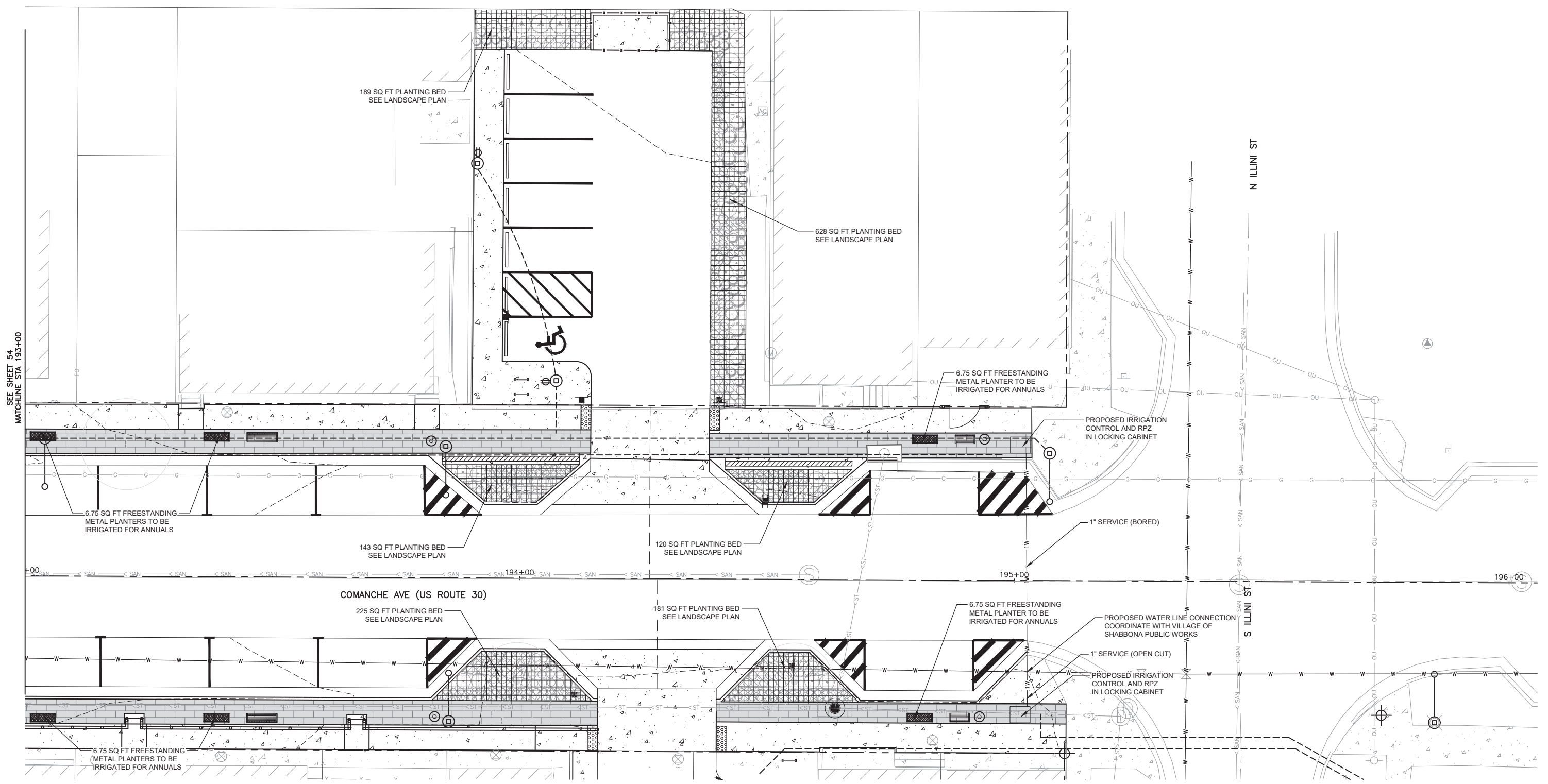
DRAWING:
IRRIGATION PLAN STA 190+85 TO 193+00
SET TYPE: FINAL
G:\C30\19-366\Landscape\19-366 Landscape.dwg, IRRIGATION 2

JOB NUMBER:
19-366
SHEET NUMBER:
54 of 71



LEGEND

- FREESTANDING METAL PLANTER AREA TO BE IRRIGATED
- PLANTING BEDS TO BE IRRIGATED



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SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
IRRIGATION PLAN STA 193+00 TO 196+00

SET TYPE: FINAL

G:\C30\19-366\Landscape\19-366 Landscape.dwg, IRRIGATION 3

JOB NUMBER:
19-366

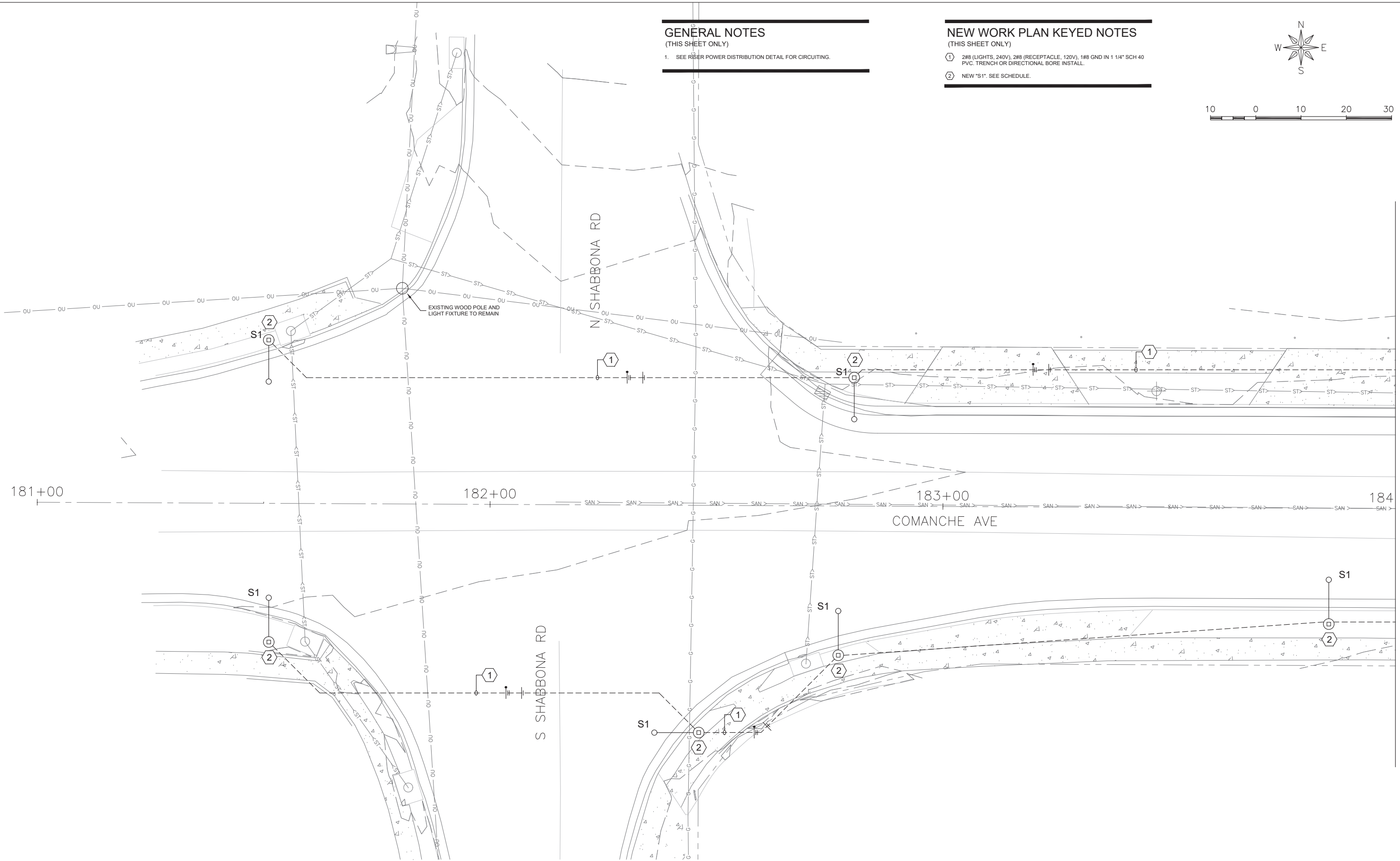
SHEET NUMBER:
55 of 71

GENERAL NOTES
(THIS SHEET ONLY)

- SEE RISER POWER DISTRIBUTION DETAIL FOR CIRCUITING.

NEW WORK PLAN KEYED NOTES
(THIS SHEET ONLY)

- 2#8 (LIGHTS, 240V), 2#8 (RECEPTACLE, 120V), 1#8 GND IN 1 1/4" SCH 40 PVC TRENCH OR DIRECTIONAL BORE INSTALL.
- NEW "S1". SEE SCHEDULE.



MATCHLINE STA 184+00
SEE SHEET E2

E1

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ILLINOIS
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VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: ADB
APPROVED BY: DJ
DATE: 05/17/23
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
LIGHTING COMANCHE AVE STA 181+00 TO
184+00
SET TYPE: FINAL

JOB NUMBER:
19-366

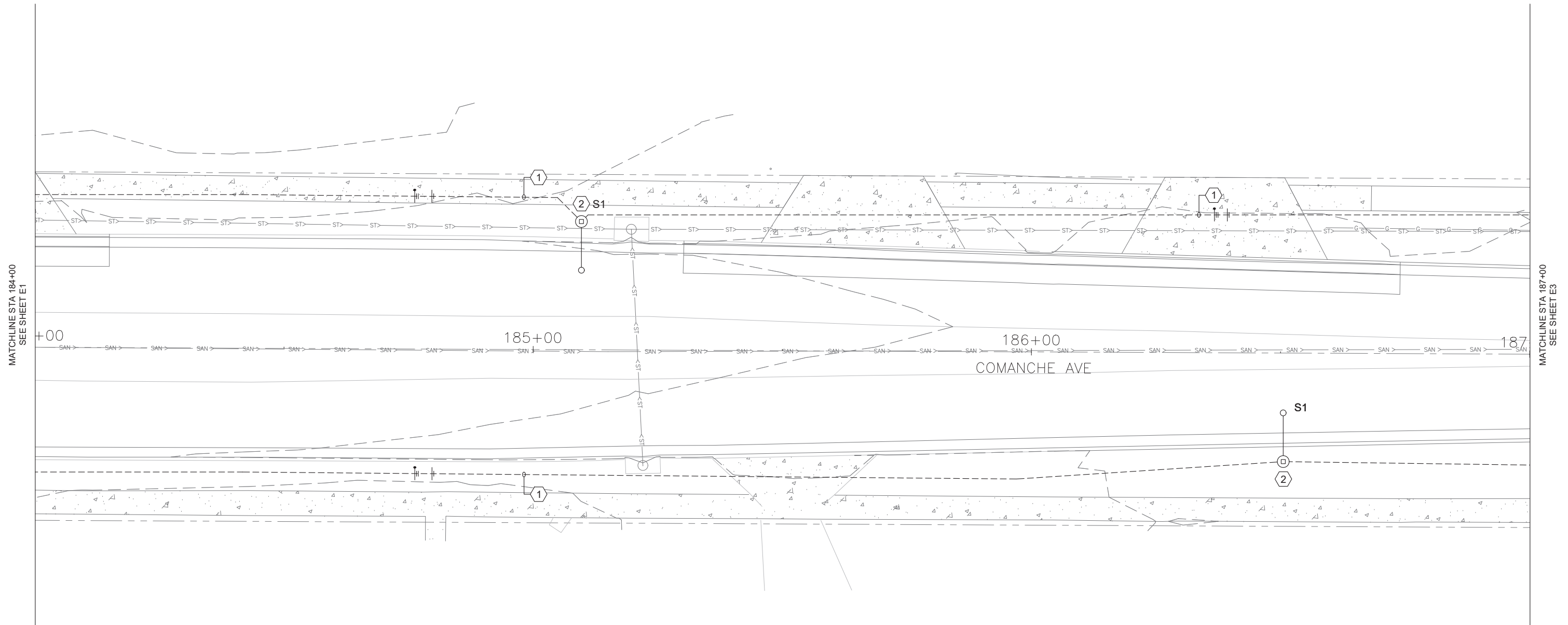
SHEET NUMBER:
56 of 71

GENERAL NOTES
(THIS SHEET ONLY)

- SEE RISER POWER DISTRIBUTION DETAIL FOR CIRCUITING.

NEW WORK PLAN KEYED NOTES
(THIS SHEET ONLY)

- 2#8 (LIGHTS, 240V), 2#8 (RECEPTACLE, 120V), 1#8 GND IN 1 1/4" SCH 40 PVC TRENCH OR DIRECTIONAL BORE INSTALL.
- NEW "S1". SEE SCHEDULE.



MATCHLINE STA 184+00
SEE SHEET E1

MATCHLINE STA 187+00
SEE SHEET E3

E2

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ILLINOIS
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: ADB
APPROVED BY: DJ
DATE: 05/17/23
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
LIGHTING COMANCHE AVE STA 184+00 TO
187+00
SET TYPE: FINAL

JOB NUMBER:
19-366

SHEET NUMBER:
57 of 71

GENERAL NOTES
(THIS SHEET ONLY)

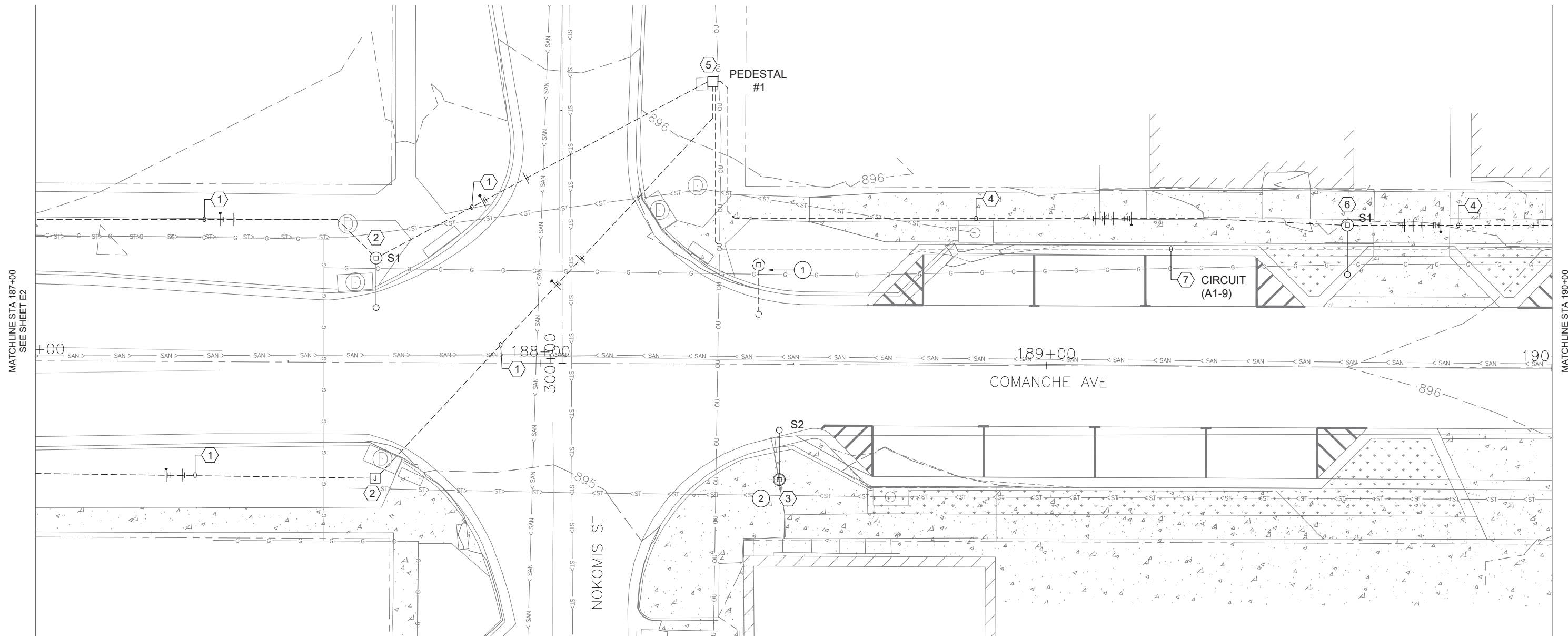
1. SEE RISER POWER DISTRIBUTION DETAIL FOR CIRCUITING.

DEMOLITION PLAN KEYED NOTES
(THIS SHEET ONLY)

1. REMOVE POLE, CONCRETE BASE AND CONDUCTORS/CONDUITS AT THIS LOCATION.
2. REMOVE EXISTING POLE AND FIXTURE ASSEMBLY FROM THIS LOCATION. CONCRETE BASE AND CONDUCTORS SHALL REMAIN FOR REUSE.

NEW WORK PLAN KEYED NOTES
(THIS SHEET ONLY)

1. 2#8 (LIGHTS, 240V), 2#8 (RECEPTACLE, 120V), 1#8 GND IN 1 1/4" SCH 40 PVC. TRENCH OR DIRECTIONAL BORE INSTALL.
2. NEW HANDHOLE FLUSH IN SIDEWALK. 18"x12" MINIMUM.
3. NEW "S2" ON EXISTING CONCRETE POLE BASE. RECONNECT EXISTING CONDUCTORS FOR CONTINUED SERVICE TO LED LUMINAIRE AND RECEPTACLE. SEE SCHEDULE.
4. 4#8 (LIGHTS), 4#8 (RECEPTACLES), 2#10 (CLOCK), 1#10 GND IN 1 1/4" SCHEDULE 40 PVC.
5. PROVIDE UPGRADE OF EXISTING POWER DISTRIBUTION IN EXISTING PEDESTAL. (SEE DETAIL).
6. NEW "S1". SEE SCHEDULE.
7. 2#8 (IRRIGATION), 1#10 GROUND IN 1 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTIONAL BORE).



MATCHLINE STA 187+00
SEE SHEET E2

MATCHLINE STA 190+00
SEE SHEET E4

FEHR GRAHAM
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206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: ADB
APPROVED BY: DJ
DATE: 05/17/23
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
LIGHTING COMANCHE AVE STA 187+00 TO
190+00
SET TYPE: FINAL

JOB NUMBER:
19-366
SHEET NUMBER:
58 of 71

DEMOLITION PLAN KEYED NOTES

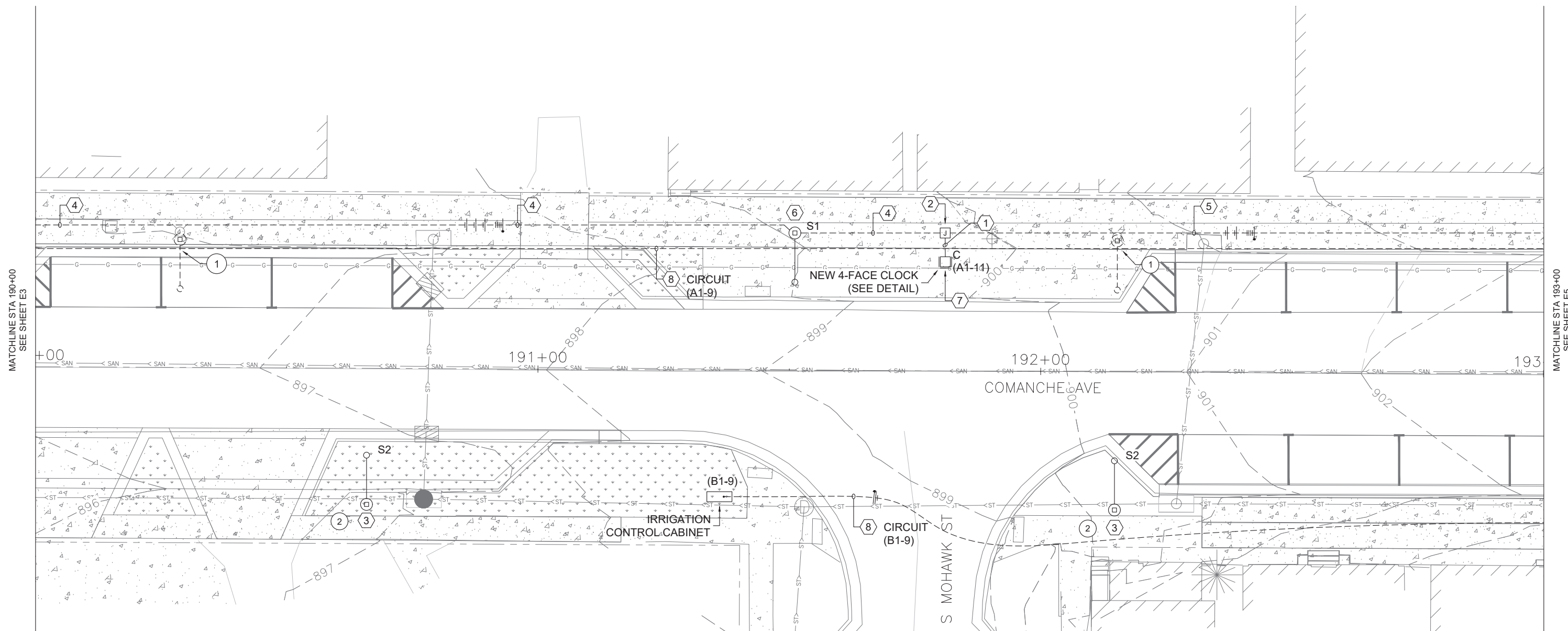
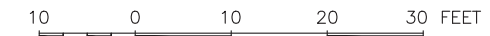
(THIS SHEET ONLY)

- ① REMOVE POLE, CONCRETE BASE AND CONDUCTORS/CONDUIT AT THIS LOCATION.
- ② REMOVE EXISTING POLE AND FIXTURE ASSEMBLY FROM THIS LOCATION. CONCRETE BASE AND CONDUCTORS SHALL REMAIN FOR REUSE.

NEW WORK PLAN KEYED NOTES

(THIS SHEET ONLY)

- ① 2#10, 1#10 GND IN 1" SCHEDULE 40 PVC. (TRENCH)
- ② NEW HANDHOLE FLUSH IN SIDEWALK. 18x12x12 MINIMUM.
- ③ NEW "S2 ON EXISTING CONCRETE POLE BASE. RECONNECT EXISTING CONDUCTORS FOR CONTINUED SERVICE TO LED LUMINAIRE AND RECEPTACLE. SEE SCHEDULE.
- ④ 4#8 (LIGHTS), 4#8 (RECEPTACLES), 2#10 (CLOCK), 1#10 GND IN 1 1/4" SCHEDULE 40 PVC.
- ⑤ 4#8 (LIGHTS), 4#8 (RECEPTACLES), 1#10 GND IN 1 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTIONAL BORE).
- ⑥ NEW "S1". SEE SCHEDULE.
- ⑦ PROVIDE ELECTRIC TIME "LUCERNE" POST CLOCK ON 4" CONCRETE MOUNTING BASE. SEE DETAIL.
- ⑧ 2#8 (IRRIGATION), 1#10 GROUND IN 1 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTIONAL BORE).



MATCHLINE STA 190+00
SEE SHEET E3

MATCHLINE STA 193+00
SEE SHEET E5

E4

FEHR GRAHAM
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ILLINOIS
IOWA
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OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: ADB
APPROVED BY: DJ
DATE: 05/17/23
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
LIGHTING COMANCHE AVE STA 190+00 TO 193+00
SET TYPE: FINAL

JOB NUMBER:
19-366
SHEET NUMBER:
59 of 71

DEMOLITION PLAN KEYED NOTES

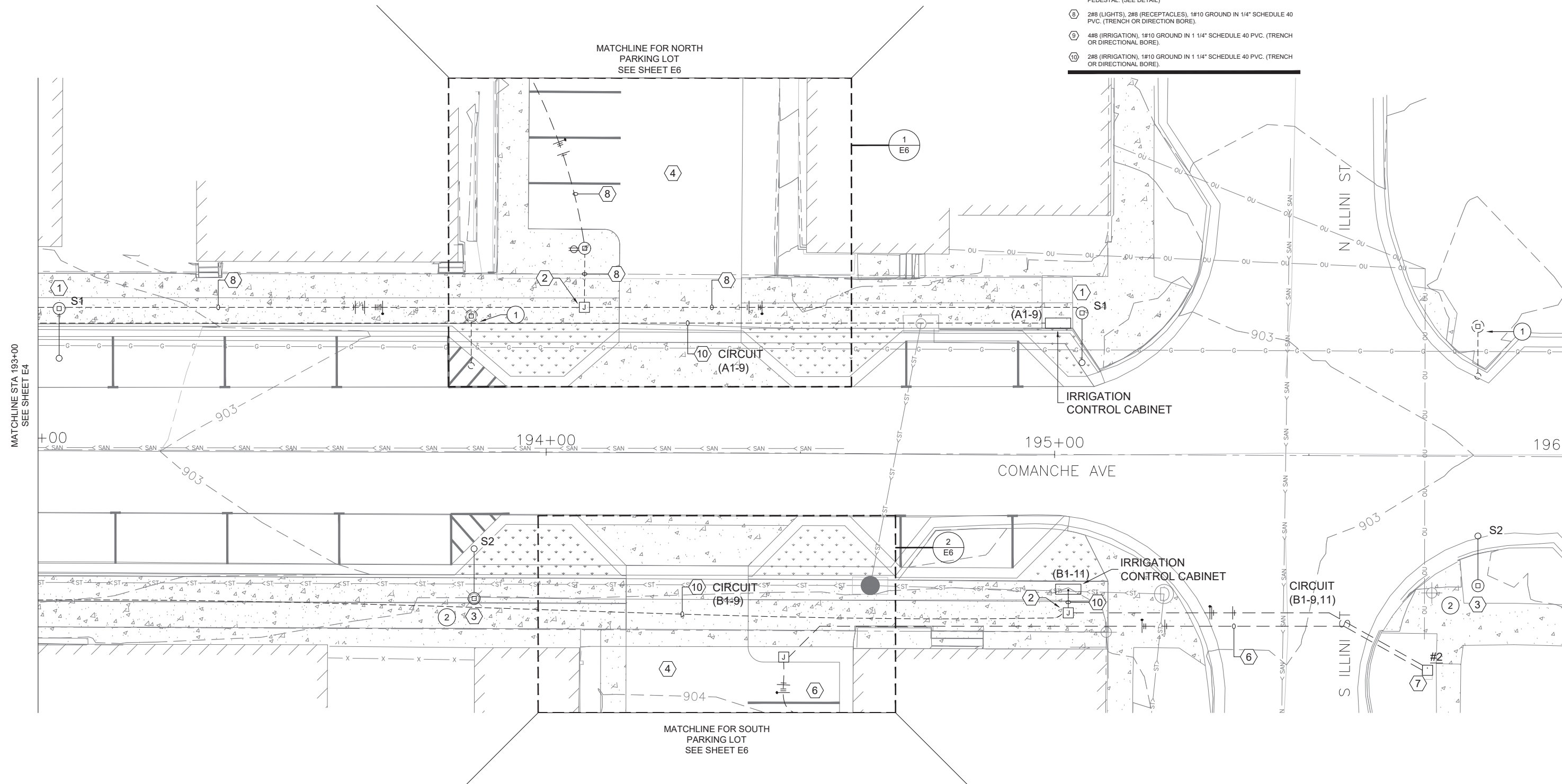
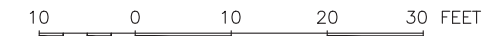
(THIS SHEET ONLY)

- 1 REMOVE POLE, CONCRETE BASE AND CONDUCTORS/CONDUIT AT THIS LOCATION.
- 2 REMOVE EXISTING POLE AND FIXTURE ASSEMBLY FROM THIS LOCATION. CONCRETE BASE AND CONDUCTORS SHALL REMAIN FOR REUSE.

NEW WORK PLAN KEYED NOTES

(THIS SHEET ONLY)

- 1 NEW "S1". SEE SCHEDULE.
- 2 NEW HANDHOLE FLUSH IN SIDEWALK. 18x12x12 MINIMUM.
- 3 NEW "S2 ON EXISTING CONCRETE POLE BASE. RECONNECT EXISTING CONDUCTORS FOR CONTINUED SERVICE TO LED LUMINAIRE AND RECEPTACLE. SEE SCHEDULE.
- 4 NEW PARKING LOT LIGHTING THIS AREA. (SEE DETAIL SHEET)
- 5 4#8 (LIGHTS), 4#8 (RECEPTACLES), 1#10 GROUND IN 1 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTIONAL BORE)
- 6 2#10 (LIGHTS), 2#10 (RECEPTACLES) 1#10 GROUND IN 1 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTIONAL BORE)
- 7 PROVIDE UPGRADE OF EXISTING POWER DISTRIBUTION IN EXISTING PEDESTAL. (SEE DETAIL)
- 8 2#8 (LIGHTS), 2#8 (RECEPTACLES), 1#10 GROUND IN 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTION BORE).
- 9 4#8 (IRRIGATION), 1#10 GROUND IN 1 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTIONAL BORE).
- 10 2#8 (IRRIGATION), 1#10 GROUND IN 1 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTIONAL BORE).



MATCHLINE STA 193+00 SEE SHEET E4

E5

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: ADB
APPROVED BY: DJ
DATE: 05/17/23
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

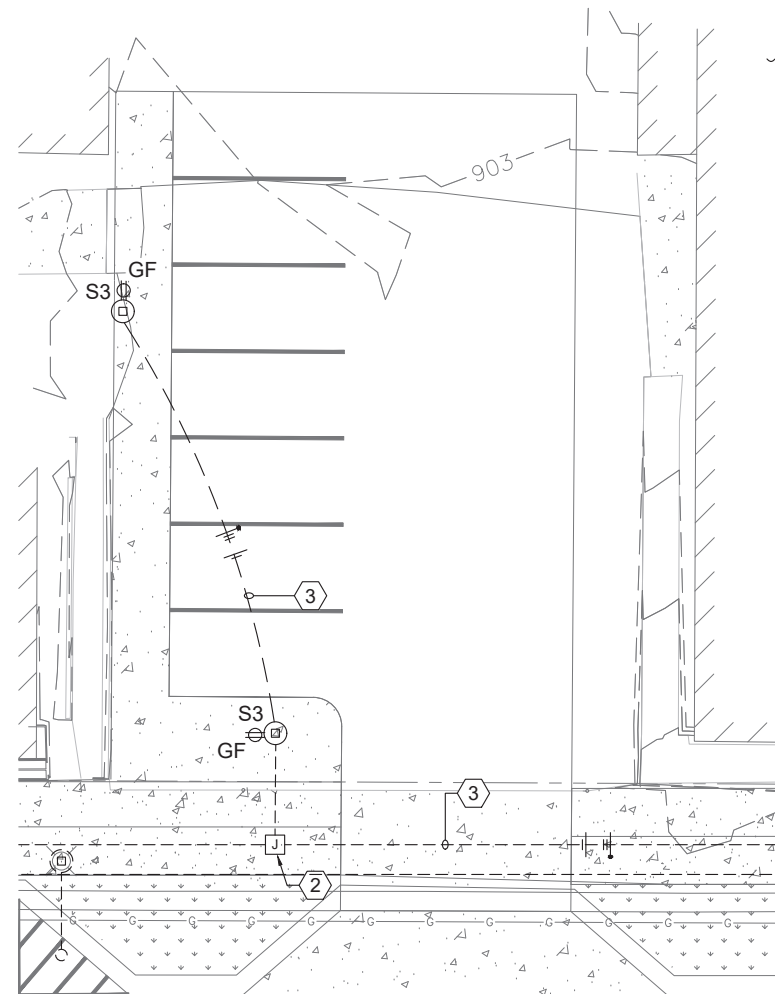
DRAWING:
LIGHTING COMANCHE AVE STA 193+00 TO
196+00
SET TYPE: FINAL

JOB NUMBER:
19-366
SHEET NUMBER:
60 of 71

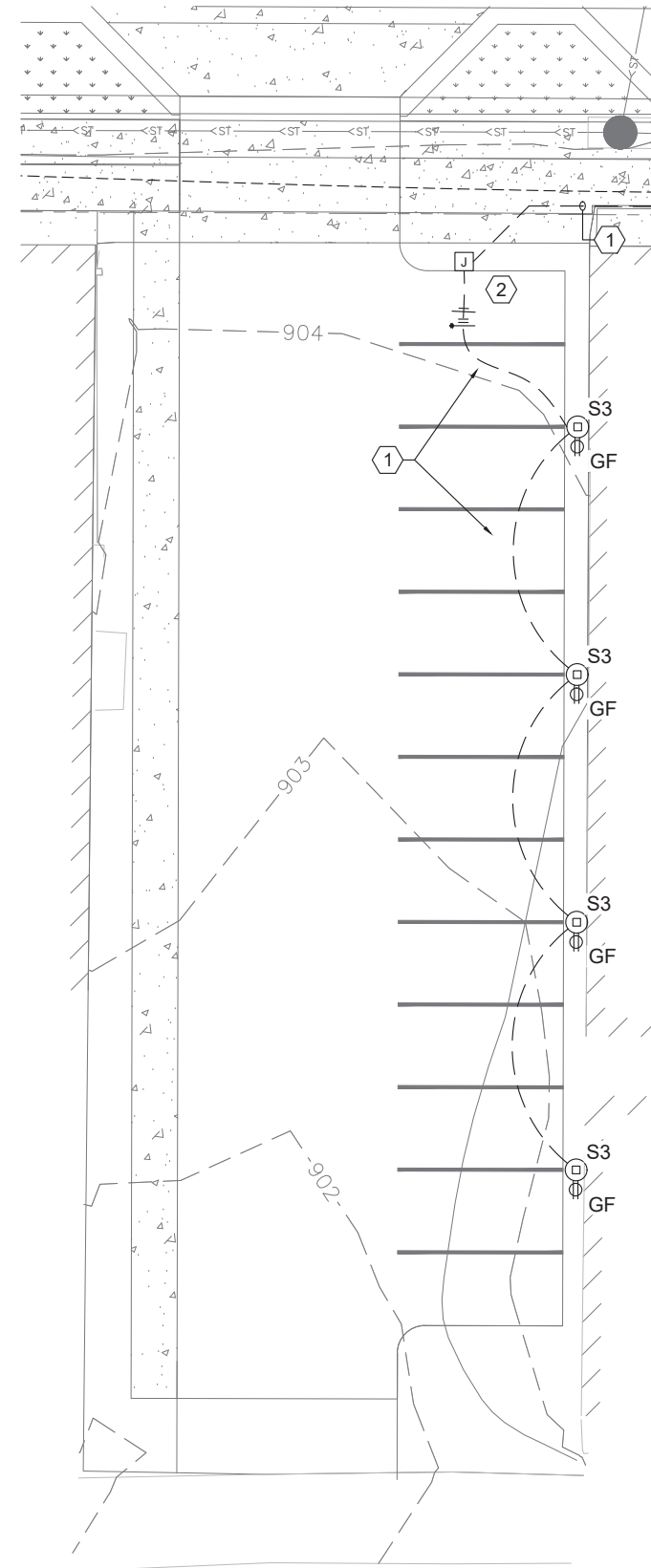
NEW WORK PLAN KEYED NOTES

(THIS SHEET ONLY)

- ① 2#10 (LIGHTS), 2#10 (RECEPTACLES) 1#10 GROUND IN 1 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTIONAL BORE).
- ② 18"x12"x12" IN-GRADE JUNCTION BOX. INSTALL FLUSH WITH CONCRETE. (SEE DETAIL).
- ③ 2#8 (LIGHTS), 2#8 (RECEPTACLES) 1#10 GROUND IN 1 1/4" SCHEDULE 40 PVC. (TRENCH OR DIRECTIONAL BORE).



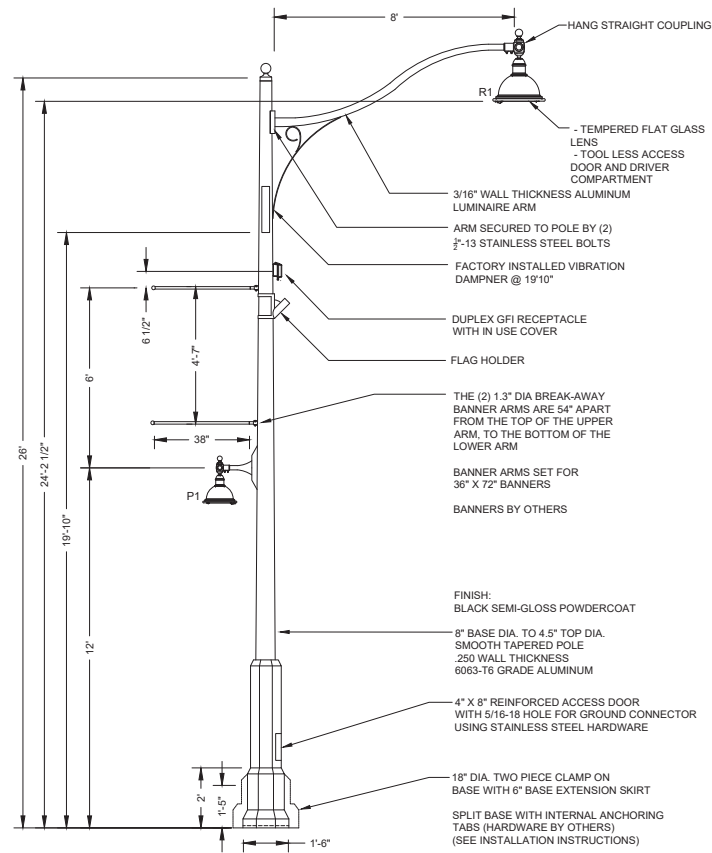
① LIGHTING NORTH PARKING LOT
E6 1" = 10'



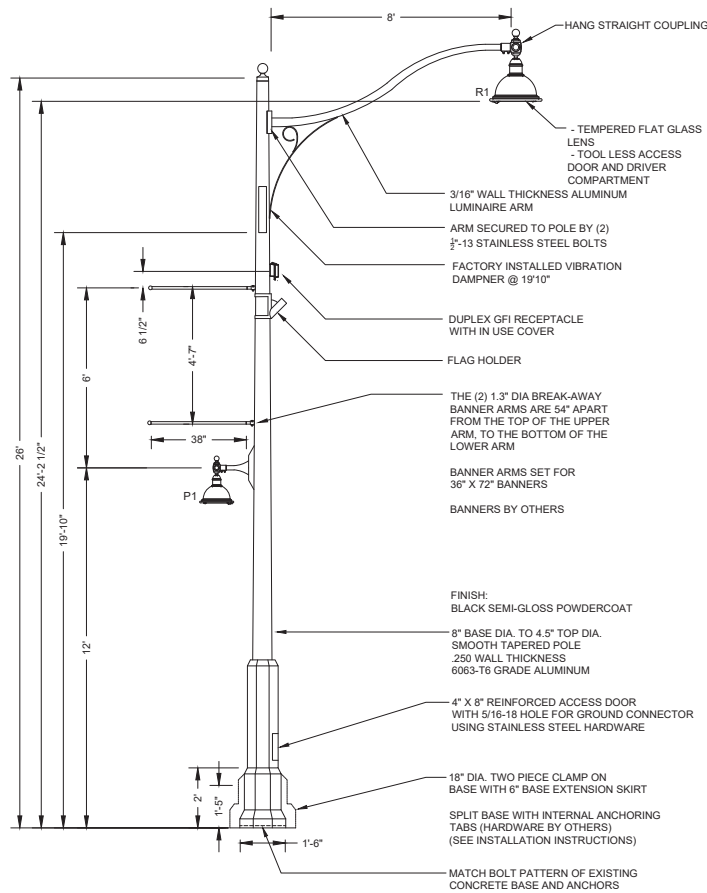
② LIGHTING SOUTH PARKING LOT
E6 1" = 10'



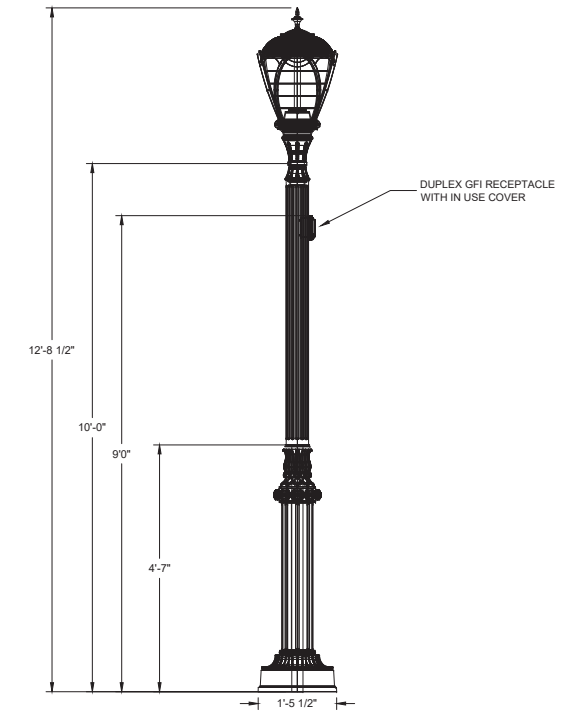
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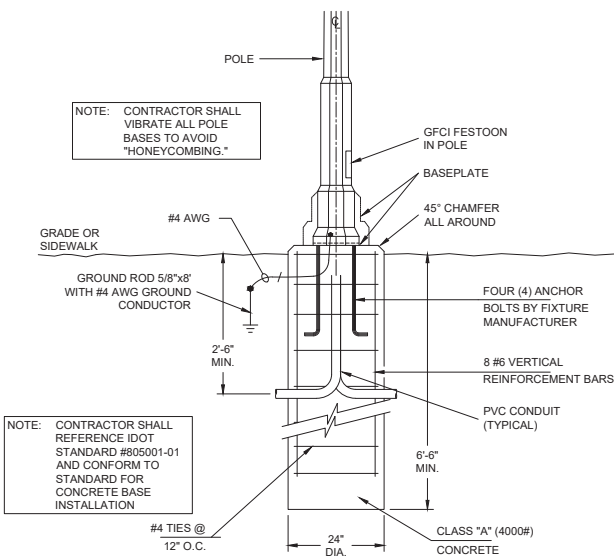
1 S1 LIGHT POLE DETAIL-NEW UNIT-NEW CONCRETE BASE
E7 NTS



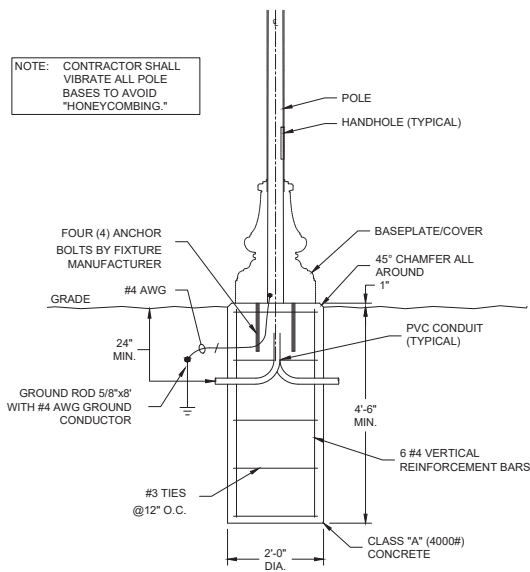
2 S2 LIGHT POLE DETAIL-NEW UNIT-REUSE CONCRETE BASE
E7 NTS



3 S3 LIGHT POLE DETAIL
E7 NTS

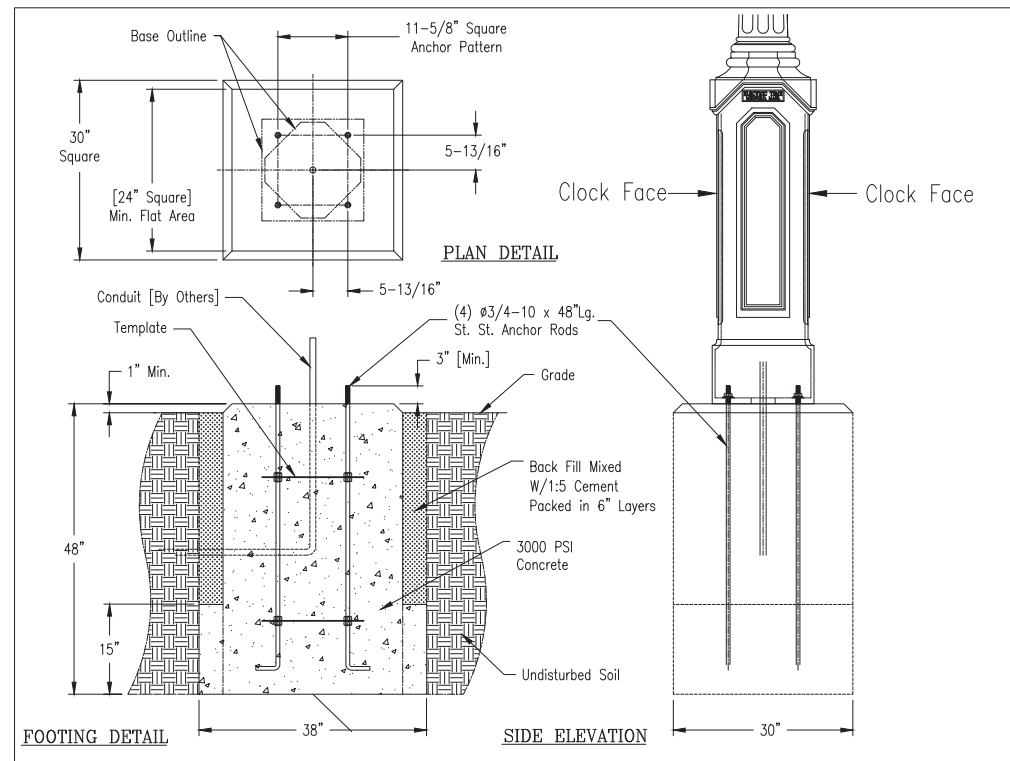


4 S1 POLE BASE DETAIL
E7 NTS

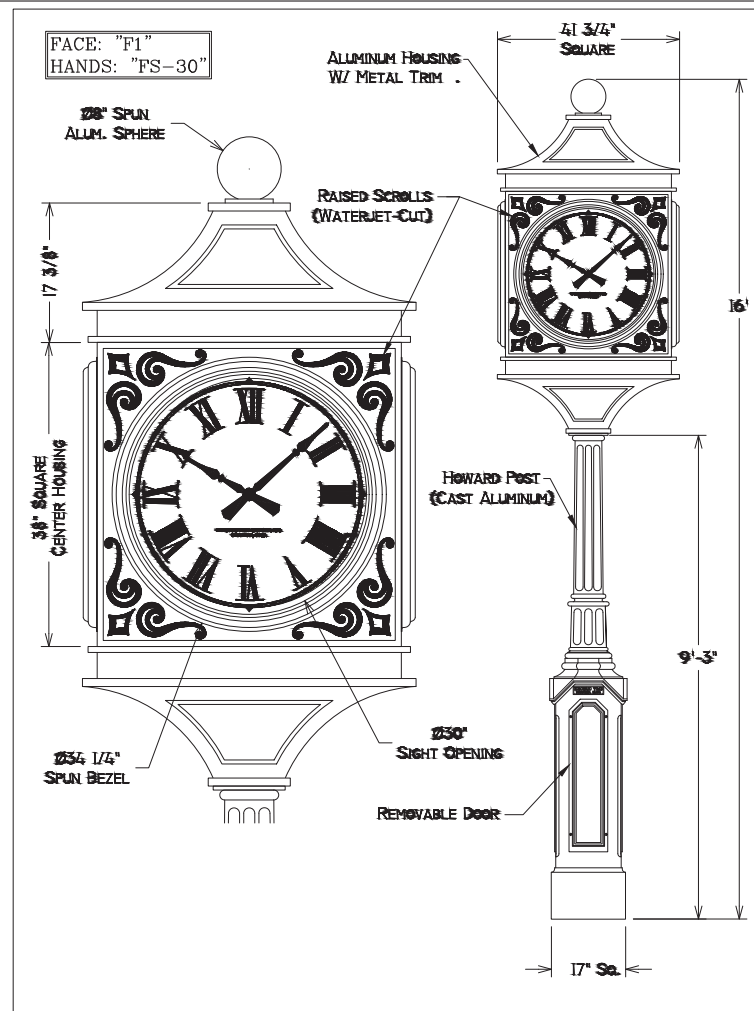


5 S3 POLE BASE DETAIL
E7 NTS

REVISIONS		
REV. NO.	DESCRIPTION	DATE



1 LARGE POST CLOCK FOUNDATION DETAILS
E8 NTS



2 ELEVATION DETAILS 4 DIAL POST CLOCK
E8 NTS

NOTE: POST CLOCK (4-SIDED) UNIT:
 IMPRINT "SHABBONA" ABOVE FACE (EACH SIDE).
 IMPRINT "1872" BELOW FACE (EACH SIDE).
 ACCEPTABLE MANUFACTURERS :
 A. ELECTRIC TIME COMPANY
 PH: 1-508-359-4396
 WWW.ELECTRICTIME.COM
 B. THE VERDIN COMPANY
 PH: 1-800-543-0488
 WWW.VERDIN.COM
 C. NATIONAL TIME AND SIGNAL CORP.
 PH: 1-801-290-8308
 WWW.NATSCO.NET

LIGHTING FIXTURE SCHEDULE: BASIS OF DESIGN

Label	Catalog Number	Description	Lamp	Voltage	Mount	Watts	Accessories	Notes
S1	STERNBERG: # 1A-1531/1521RLED-HS-HB- FG-6ARC45T3R-F-MDL03/CASB/ 2425ART-6' EXT/BCC4/BDBA/ GFHUCV/D/BK	OMEGA SERIES, LED DECORATIVE ARM MOUNTED FULL CUTOFF AREA LIGHT ON ROUND TAPERED ALUMINUM BLACK 26 FT. POLE, GFCI AT 18 FT., FLAG HOLDER, DUAL BANNER ARMS, TYPE 3 DISTRIBUTION, BLACK.	LED 13400 LUMEN UPPER 6700 LUMEN LOWER	240	POLE TOP 26 FT., 8 FT. ARM	148	-	S2 REUSE EXISTING POLE BASE.
S2	STERNBERG: # 1A-1531/1521RLED-HS-HB- FG-6ARC45T3R-F-MDL03/CASB/ 2425ART-6' EXT/BCC4/BDBA/ GFHUCV/D/BK	OMEGA SERIES, LED DECORATIVE ARM MOUNTED FULL CUTOFF AREA LIGHT ON ROUND TAPERED ALUMINUM BLACK 26 FT. POLE, GFCI AT 18 FT., FLAG HOLDER, DUAL BANNER ARMS, TYPE 3 DISTRIBUTION, BLACK.	LED 13400 LUMEN UPPER 6700 LUMEN LOWER	240	POLE TOP 26 FT., 8 FT. ARM	148	-	S2 REUSE EXISTING POLE BASE.
S3	STERNBERG: # PT-1190ALED-SP-16L30T3-MDL014- A/5910FP5-188/GF-LPIUC/BKT	LED POST TOP "ACORN TYPE" LIGHTING FIXTURE, 4000K COLOR TEMPERATURE, BLACK, POLYCARBONATE LENS, TYPE 3 DISTRIBUTION, 10' DECORATIVE ALUMINUM POLE, GFCI FESTOON	LED 5200 LUMEN	240	POLE TOP 10 FT.	61	-	

LIGHTING FIXTURE SCHEDULE: EQUALS

Label	Catalog Number	Description	Lamp	Voltage	Mount	Watts	Accessories	Notes
S1/S2	KING (STRESS CRETE GROUP): # K829/K729-P4-III-100-SSL- 8060-240-4K-BK WITH/ KAD-A-S-1-8, KSB52 BASE AND RF-A-26-8-0.182- 140-30/30-GFI-BK	LED DECORATIVE ARM MOUNTED FULL CUTOFF AREA LIGHT ON ROUND TAPERED ALUMINUM BLACK 26 FT. POLE, GFCI AT 18 FT., FLAG HOLDER, DUAL BANNER ARMS, TYPE 3 DISTRIBUTION, BLACK.	LED 13400 LUMEN UPPER 6700 LUMEN LOWER	240	POLE TOP 26 FT., 8 FT. ARM	148	-	S2 REUSE EXISTING POLE BASE.
	LUMEC (SIGNIFY): # DMS50-90W80LED4K-G3- LE3F-VOLT-DMG-SMA-BKTK WITH/ YR8-1A-R5-BKTX, ATR85V-26.0-BA-GFII-BKTX + DECORATIVE BASE COVER							
	SPRING CITY ELECTRICAL: # ALMBCC-LE080/EXVX2-40- CR3-GSIO-LACL8-FAH-CU WITH/ #SARBING-1S-96- TN2.88/25-CU BASE: IWBHNC-20-CU SHAFT: SSH8S-G13-07.5-26.0- TN3.5/4.0-GFWI-GFCI-2FP-4BP- WH-CU ARM: SBNUBT-1S-1.00-25.00- FO2-CU							

LIGHTING FIXTURE SCHEDULE: EQUALS

Label	Catalog Number	Description	Lamp	Voltage	Mount	Watts	Accessories	Notes
S3	KING (STRESS CRETE GROUP): # K136R-P4-PR-III-60-SSL-1030- 240-K16-4K-BK-3 WITH/ FE-A-10-5-25-25-CW- 140-30/30-GFI-BK (KSB52 BASE)	LED POST TOP "ACORN TYPE" LIGHTING FIXTURE, 4000K COLOR TEMPERATURE, BLACK, POLYCARBONATE LENS, TYPE 3 DISTRIBUTION, 10' DECORATIVE ALUMINUM POLE, GFCI FESTOON	LED 5200 LUMEN	240	POLE TOP 10 FT.	61	-	
	SENTRY LIGHTING: # SCP-NB(LED)-LEDV29B- 1.05A-840-KHT3-BK WITH/ SAL-B-4B-10-BK-GFI							
	LUMEC (SIGNIFY): # MPTR-SSW32LED4K-G3-LE3- VOLT-DMG-BKTK WITH/ AM6F-10-GFII-BKTK							
	SPRING CITY ELECTRICAL: # AMMCL-LE60-EVK-40-CR3- YKSF-FDP-CU WITH/ IPSMDS-18-10.25- TN2.88-2.50-CU							

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PANELBOARD SCHEDULE

PANEL : A1 RATING (AIC) : 10,000 TYPE : SNAP-IN
 VOLTAGE : 120/240 BUS : 100A NEMA : 1
 PHASE : 1 - WIRE : 3 MAIN : 100A BREAKER MOUNT : SURFACE
 NOTE : OPEN FRAME FEED : TOP LOCATION : INTERIOR OF CABINET

DESCRIPTION	WIRE SIZE	WATTS		BRKR	CKT NO.	BUS CONN	CKT NO.	BRKR	WATTS		WIRE SIZE	DESCRIPTION
		A	B						A	B		
MAIN	2			100	2	1	2	60	540		6	CONTACTOR (PNL A)
PHOTO CELL	12	50			1	5	6	1				SPARE
RECEPTACLE IN CABINET	12		180		1	7	8	1				SPARE
IRRIGATION NORTH EAST	8	1200			1	9	10					
CLOCK	10		300		1	11	12					
						13	14					
						15	16					
		1250	480						1875	540		

WATTS: BUS A: 3,125
 BUS B: 1,020
 TOTAL: 4,145
 POWER FACTOR: 1
 AMPS: 17.3

X = GFCI BREAKER
 0 = ARC FAULT
 + = SHUNT TRIP
 ◊ = HANDLE LOCK

PANELBOARD SCHEDULE

PANEL : A RATING (AIC) : 10,000 TYPE : SNAP-IN
 VOLTAGE : 120/240 BUS : 100A NEMA : 1
 PHASE : 1 - WIRE : 3 MAIN : 60A BREAKER MOUNT : SURFACE
 NOTE : OPEN FRAME FEED : TOP LOCATION : INTERIOR OF CABINET

DESCRIPTION	WIRE SIZE	WATTS		BRKR	CKT NO.	BUS CONN	CKT NO.	BRKR	WATTS		WIRE SIZE	DESCRIPTION
		A	B						A	B		
MAIN	6			60	2	1	2	20	375		8	LIGHTS NW
RECEPTACLES NW	8	540			1	5	6	2		375		LIGHTS NE
RECEPTACLES NE	8		720		1	7	8	2		375		
RECEPTACLES SW	8	540			1	9	10	2		450		LIGHTS SW
RECEPTACLES PARK LOT N	8		360		1	11	12	2		450		
						13	14	2		100		LIGHTS PARK LOT N
						15	16			100		
		1080	1080						1300	1300		

WATTS: BUS A: 2,380
 BUS B: 2,380
 TOTAL: 4,760
 POWER FACTOR: 1
 AMPS: 19.8

X = GFCI BREAKER
 0 = ARC FAULT
 + = SHUNT TRIP
 ◊ = HANDLE LOCK

PANELBOARD SCHEDULE

PANEL : B1 RATING (AIC) : 10,000 TYPE : SNAP-IN
 VOLTAGE : 120/240 BUS : 100A NEMA : 1
 PHASE : 1 - WIRE : 3 MAIN : 100A BREAKER MOUNT : SURFACE
 NOTE : OPEN FRAME FEED : TOP LOCATION : INTERIOR OF CABINET

DESCRIPTION	WIRE SIZE	WATTS		BRKR	CKT NO.	BUS CONN	CKT NO.	BRKR	WATTS		WIRE SIZE	DESCRIPTION
		A	B						A	B		
MAIN	2			100	2	1	2	60	1475		6	CONTACTOR (PNL B)
PHOTO CELL	12	50			1	5	6	1				SPARE
RECEPTACLE IN CABINET	12		180		1	7	8	1				SPARE
IRRIGATION SOUTH WEST	8	1200			1	9	10					
IRRIGATION SOUTH EAST	8		1200		1	11	12					
						13	14					
						15	16					
		1250	1380						1475	1295		

WATTS: BUS A: 2,725
 BUS B: 2,675
 TOTAL: 5,400
 POWER FACTOR: 1
 AMPS: 22.5

X = GFCI BREAKER
 0 = ARC FAULT
 + = SHUNT TRIP
 ◊ = HANDLE LOCK

VOLTAGE DROP CALCULATION RESULTS

CIRCUIT	LOCATION	%	VDROP
(A2,4)	NW	0.87	2.10 V
(A10,12)	SW	0.98	2.26 V
(A6,8)	NE	0.83	2.00 V
(B2,4)	SE	0.94	2.25 V

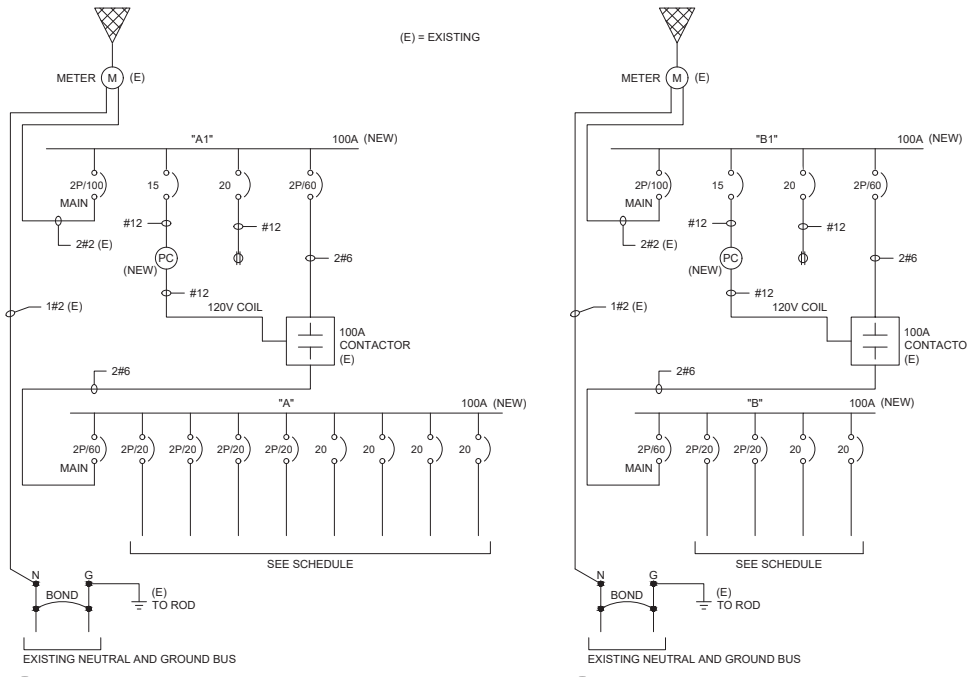
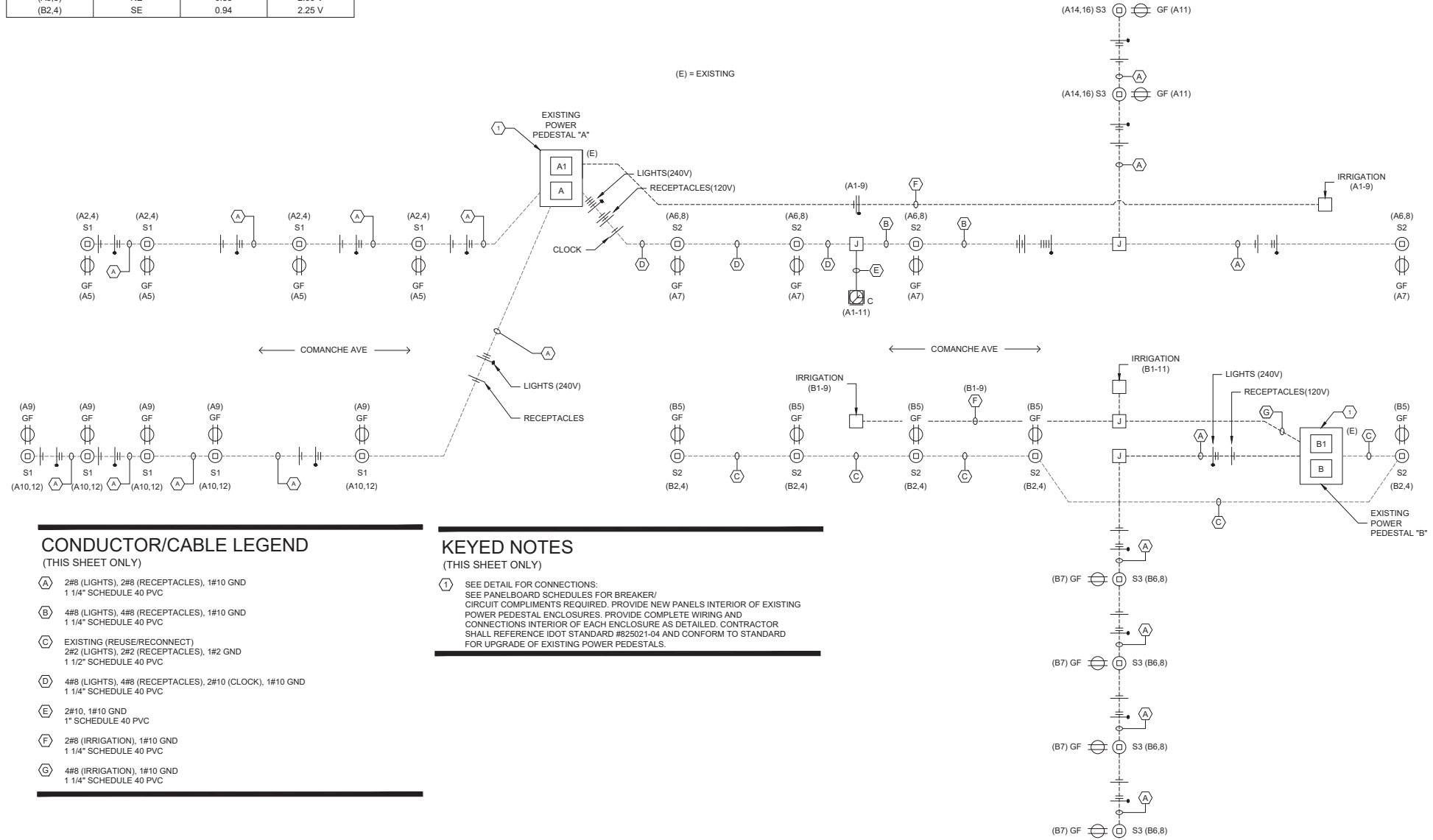
PANELBOARD SCHEDULE

PANEL : B RATING (AIC) : 10,000 TYPE : SNAP-IN
 VOLTAGE : 120/240 BUS : 100A NEMA : 1
 PHASE : 1 - WIRE : 3 MAIN : 60A BREAKER MOUNT : SURFACE
 NOTE : OPEN FRAME FEED : TOP LOCATION : INTERIOR OF CABINET

DESCRIPTION	WIRE SIZE	WATTS		BRKR	CKT NO.	BUS CONN	CKT NO.	BRKR	WATTS		WIRE SIZE	DESCRIPTION
		A	B						A	B		
MAIN	6			60	2	1	2	20	375		2	LIGHTS SE
RECEPTACLES SE	2	900			1	5	6	2		200		LIGHTS PARK LOT S
RECEPTACLES PARK LOT S	8		720		1	7	8	2		200		
						9	10					
						11	12					
						13	14					
						15	16					
		900	720						575	575		

WATTS: BUS A: 1,475
 BUS B: 1,295
 TOTAL: 2,770
 POWER FACTOR: 1
 AMPS: 11.5

X = GFCI BREAKER
 0 = ARC FAULT
 + = SHUNT TRIP
 ◊ = HANDLE LOCK

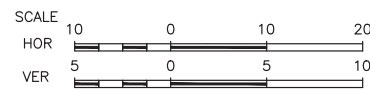
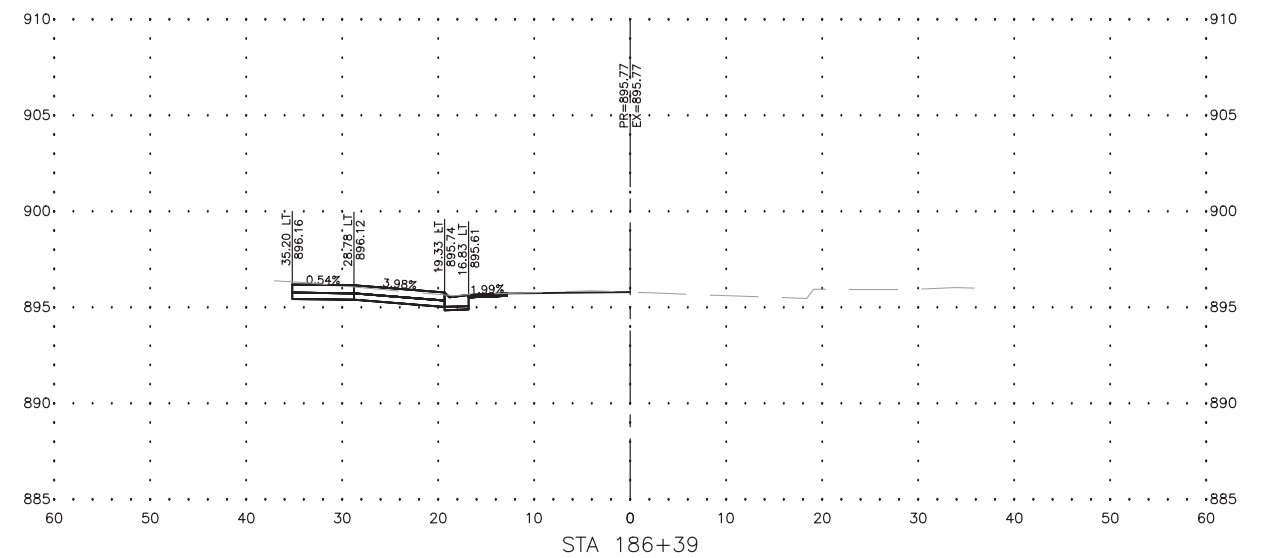
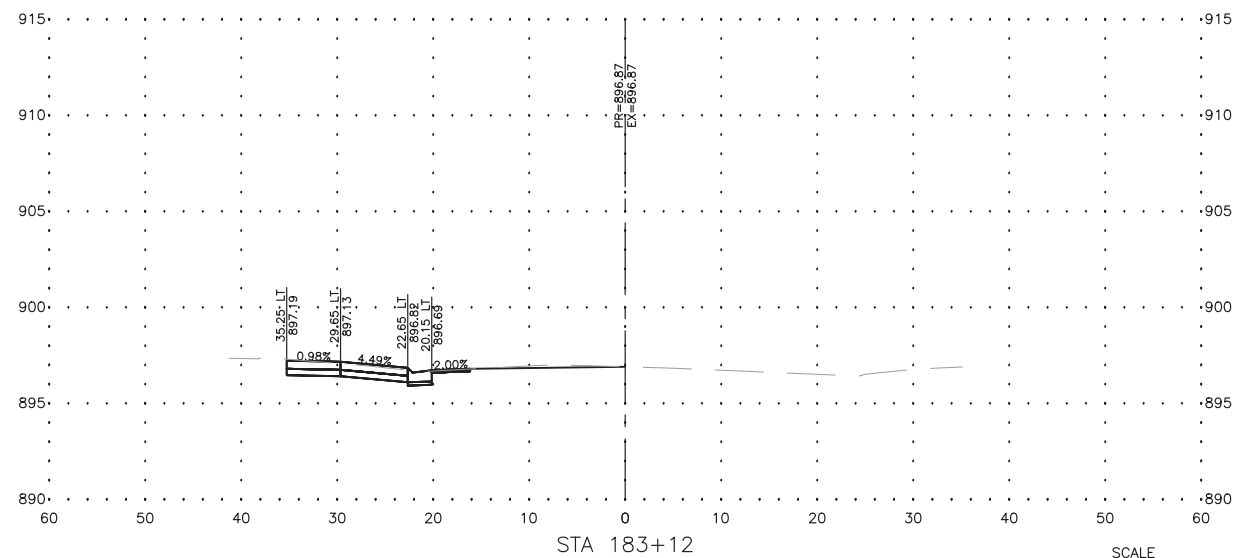
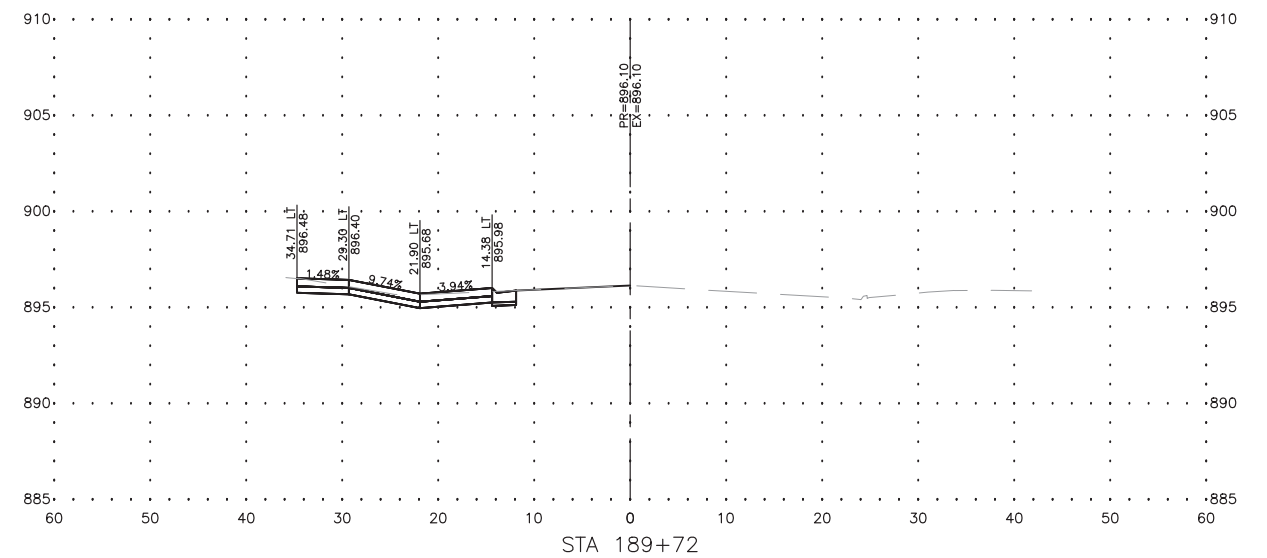
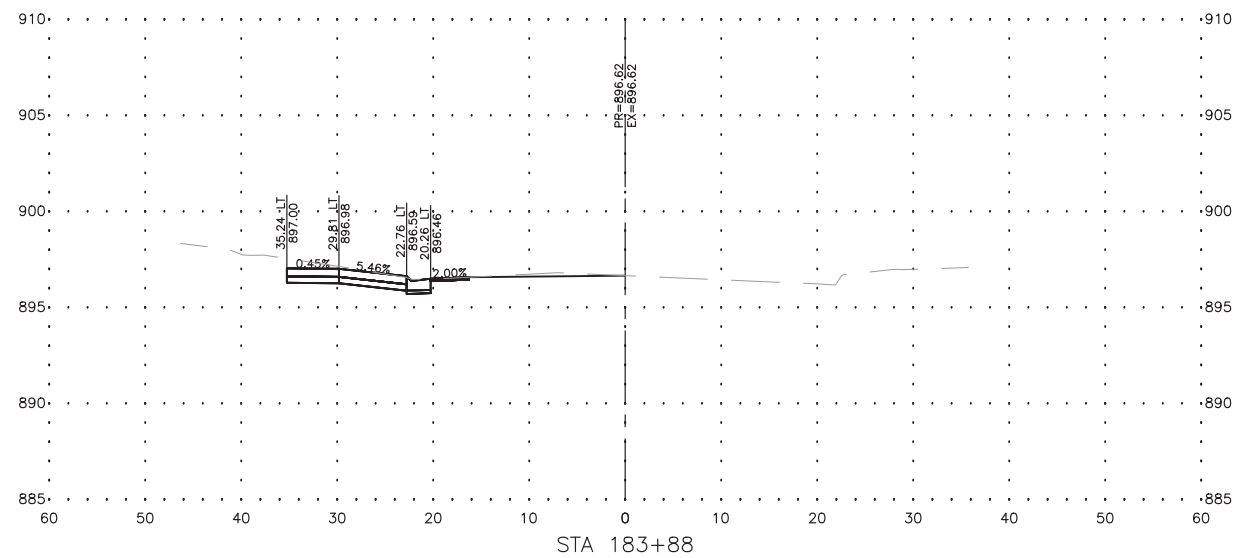
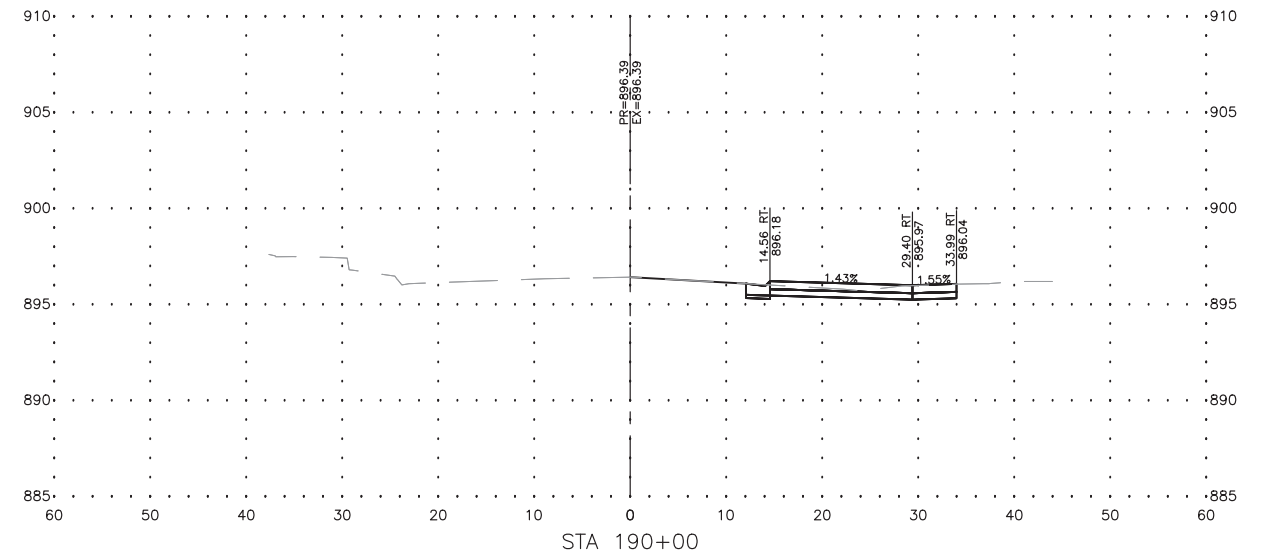
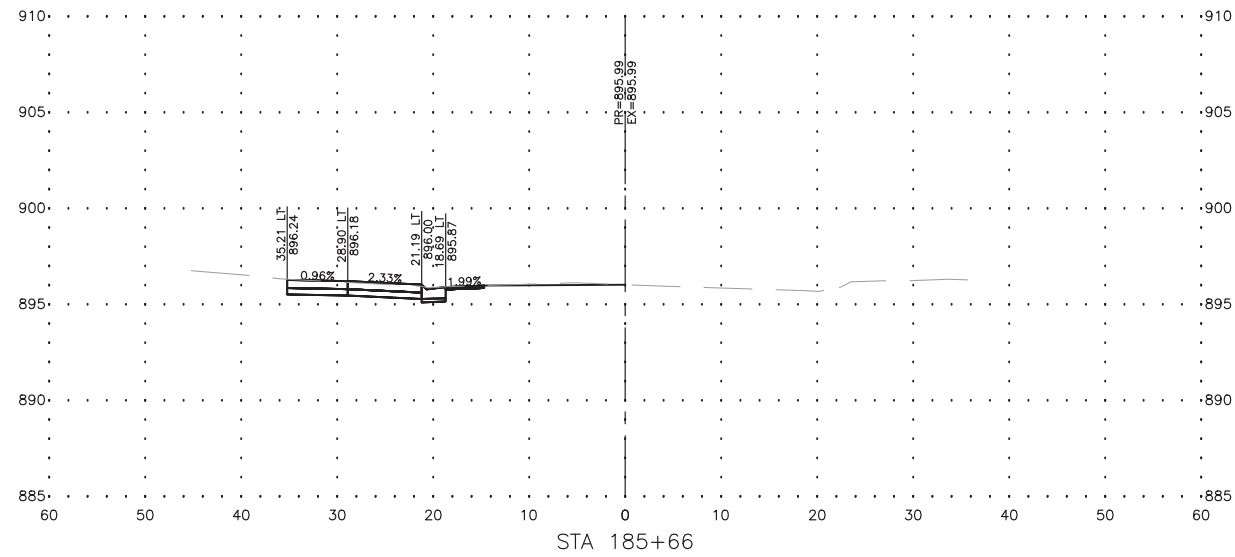


3 ELECTRICAL DISTRIBUTION RISER DIAGRAM
E9 NTS

1 PEDESTAL A
E9 NTS

2 PEDESTAL B
E9 NTS

REV. NO.	DESCRIPTION	DATE



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
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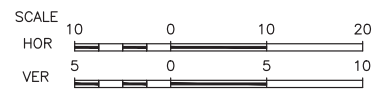
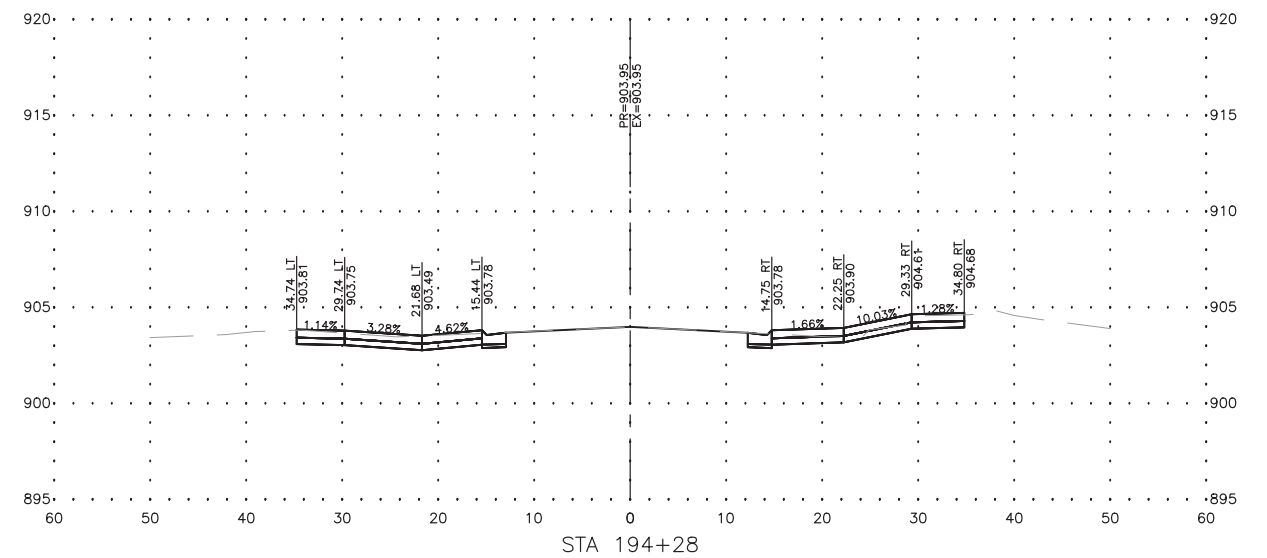
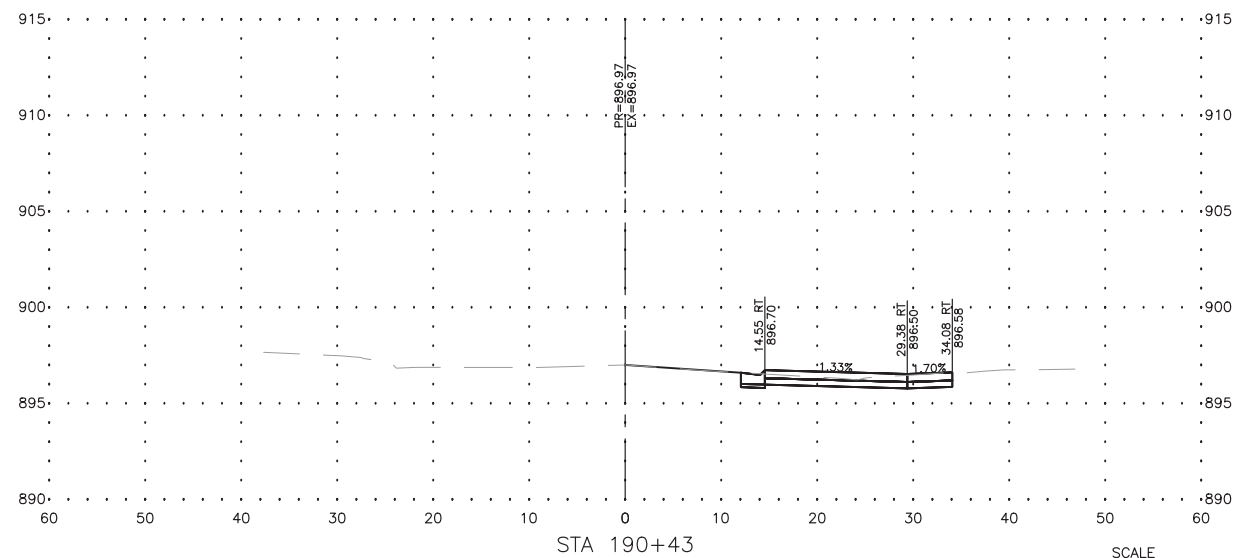
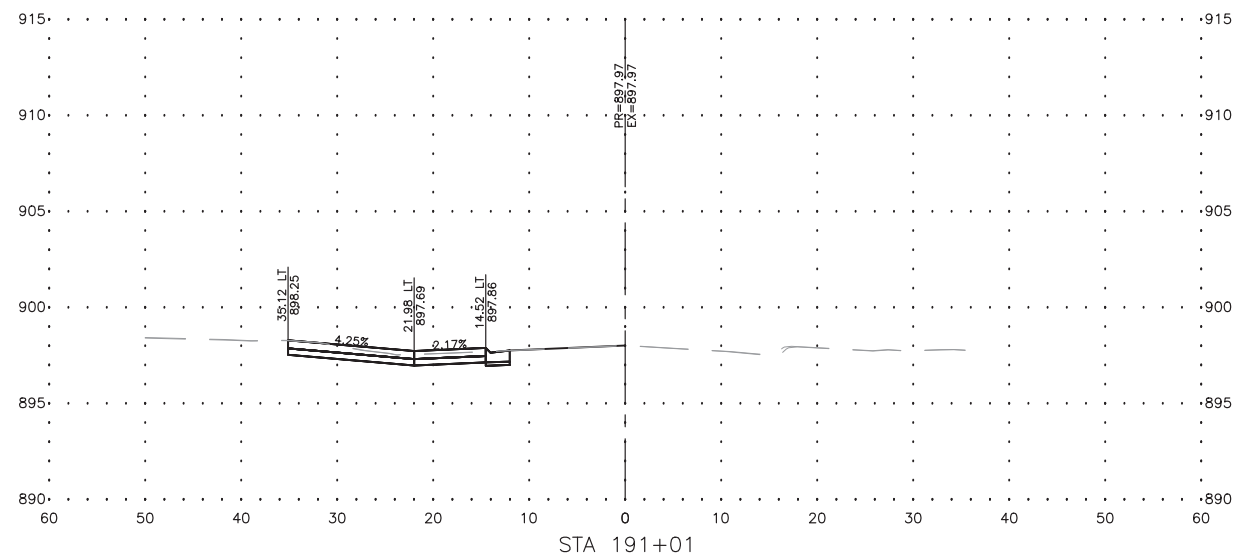
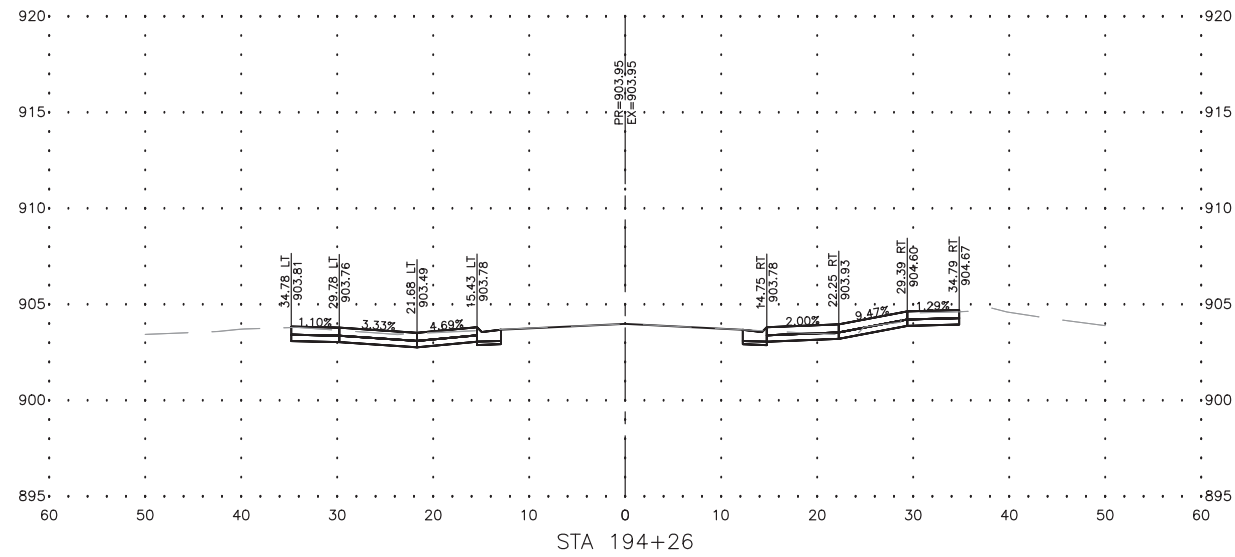
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DRAWING:
CROSS SECTIONS

SET TYPE: FINAL
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JOB NUMBER:
19-366

SHEET NUMBER:
65 of 71



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
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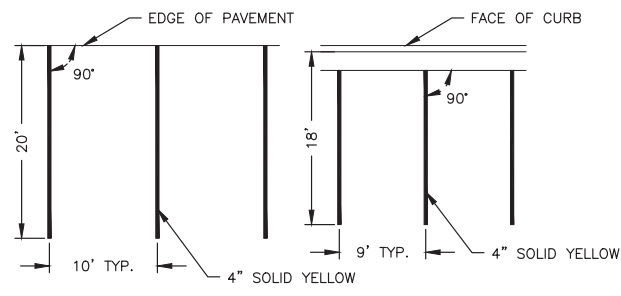
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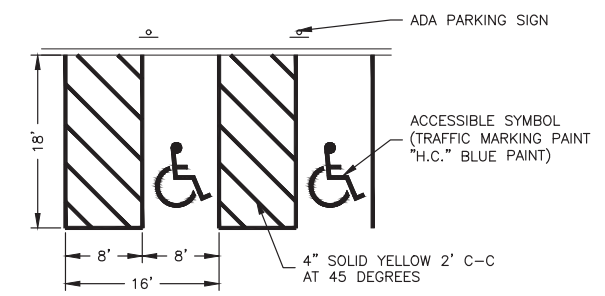
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JOB NUMBER:
19-366

SHEET NUMBER:
66 of 71



90 DEGREE STANDARD STALLS
N.T.S.

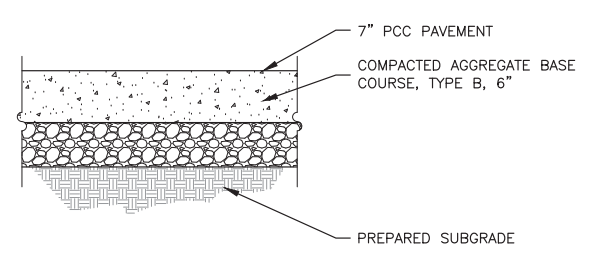


90 DEGREE ADA ACCESSIBLE STALLS
N.T.S.

NOTE: THE ADA PARKING SIGN AND PAINTED SYMBOL SHALL BE IN CONFORMANCE WITH THE STATE OF ILLINOIS ACCESSIBILITY CODES.

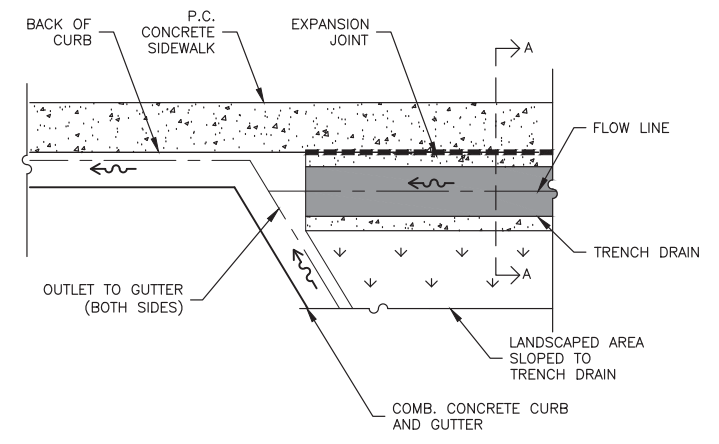
PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPES NOT EXCEEDING 1:50 (2%) IN ALL DIRECTIONS.

90 DEGREE PARKING STRIPE DETAILS
N.T.S.

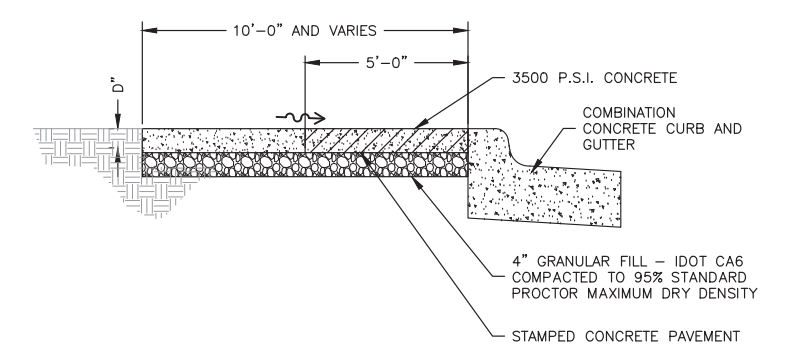


NOTE: SUBBASE SHALL BE PROOF ROLLED PRIOR TO PAVING. SHOULD SOFT SOILS BE ENCOUNTERED, ADDITIONAL 6" TO 12" BASE REPAIR MAY BE REQUIRED. ALL ADDITIONAL BASE REPAIR SHALL BE APPROVED BY ENGINEER PRIOR TO ANY AND ALL EXCAVATION. ADDITIONAL BASE REPAIR WILL BE PAID BY CUBIC YARDS FOR REMOVAL OF UNSUITABLE SOILS AND REPLACEMENT OR COMPACTED AGGREGATE BASE AS PART OF BASE BID ALLOWANCE.

7" CONCRETE DRIVEWAY PAVEMENT SECTION
N.T.S.



PLAN
N.T.S.



SIDEWALK ABUTTING CURB
N.T.S.

NOTE: WALK CONSTRUCTED OF 3500 PSI CONCRETE WITH 5 - 8% AIR ENTERTAINMENT, 3/4" MAX. AGGREGATE SIZE TO A MINIMUM THICKNESS OF 4" WITH 6 x 6 - 10/10 W.W.M. CONTINUOUS. WALK TO BE FINISHED WITH A FLOAT, STEEL TROWEL AND BARN BROOM FINISH WITH 4" TOOLED JOINTS AND EDGES. FORMED JOINTS TO BE FINISHED WITH A TOOL HAVING A 1/4" RADIUS.

INSTALL 1/2" WIDE EXPANSION JOINTS WITH BITUMINOUS JOINT FILLER AT 30'-0" O.C. (EXTEND FULL DEPTH OF WALK).

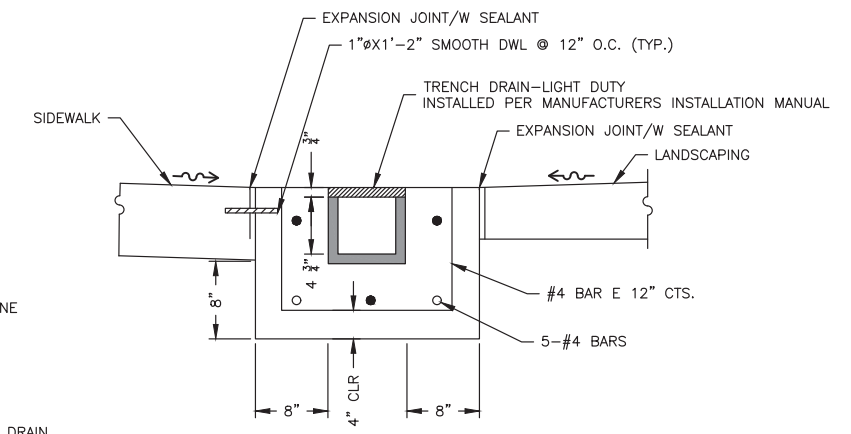
SCORE TOOLED JOINTS (1/2 D DEEP) AT 5'-0" O.C. UNLESS OTHERWISE NOTED.

INSTALL 1/2" WIDE BITUMINOUS ISOLATION JOINT WHERE SIDEWALK ABUTS A CURB, CONCRETE DRIVEWAY, STRUCTURE OR AT AN ADJACENT CURB JOINT (EXTEND FULL DEPTH OF WALK).

DEPTH D = 5" MIN. EXCEPT AT CURB RAMPS WHERE D = 6" MIN. OR AT DRIVEWAYS WHERE D = 7" MIN.

SIDEWALK RAMPS AT DRIVES TO BE CONSTRUCTED ACCORDING TO IDOT STANDARD No. 424001.

SIDEWALK DETAIL
N.T.S.

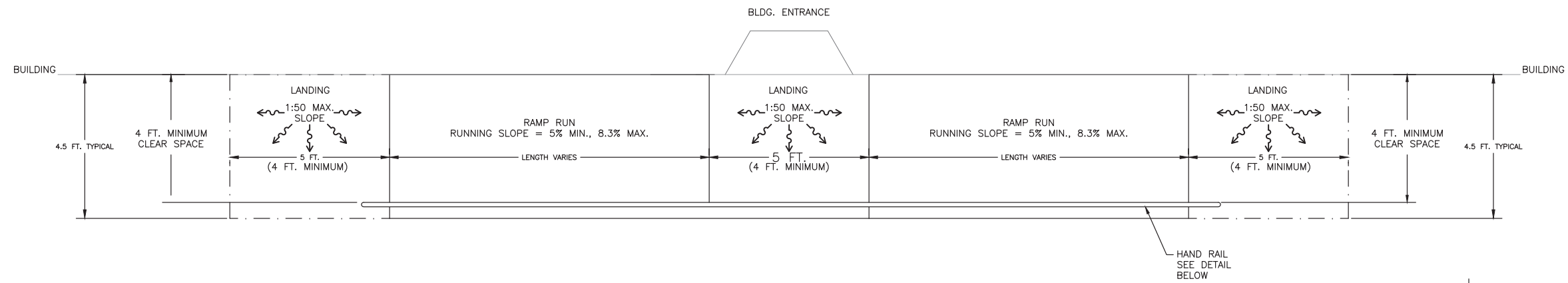


NOTES:
1. CONCRETE SHALL BE 4000 PSI (28 DAYS)
2. REBAR SHALL BE ASTM A615 GR60
3. CONCRETE SHALL BE PLACED ON 4" (MIN) COMPACTED AGGREGATE BASE COURSE.
4. OUTLET TO CONCRETE GUTTER, UPSTREAM AND DOWNSTREAM.

SECTION A-A
N.T.S.

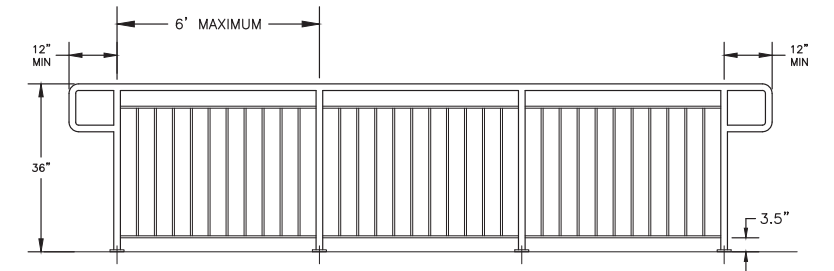
TRENCH DRAIN DETAIL
N.T.S.

REVISIONS		
REV. NO.	DESCRIPTION	DATE



ADA ACCESS RAMP STANDARD TYPICAL DETAIL
PLAN VIEW
 N.T.S.

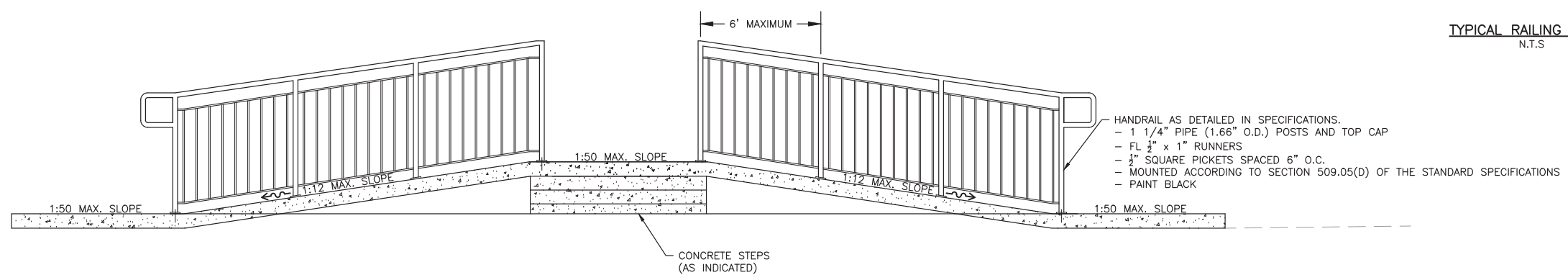
NOTE: SLOPE AS INDICATED ON GRADING SHEETS.



- 1 1/4" PIPE (1.66" O.D.) POSTS AND TOPCAP
- FL 1/2" x 1" RUNNERS
- 1/2" SQUARE PICKETS
- MOUNTED ACCORDING TO SECTION 509.05(d) OF THE STANDARD SPECIFICATIONS
- POWDER COAT FINISH: AA-C12-C42-R1X (CHEMICAL FINISH: CLEANED WITH INHIBITED CHEMICALS; CHEMICAL FINISH: ACID CHROMATE-FLUORIDE-PHOSPHATE CONVERSION COATING; ORGANIC COATING: AS SPECIFIED BELOW). PREPARE, PRETREAT, AND APPLY MANUFACTURER'S STANDARD BAKED POWDER COAT FINISH. COMPLY WITH COATING MANUFACTURER'S WRITTEN INSTRUCTIONS FOR CLEANING, SURFACE PREPARATION, PRETREATMENT, AND APPLICATION.
- 1. MATERIAL: POLYESTER POWDER COATING, 3.0 MIL (0.076 MM). COMPLY WITH AAMA 2604, INCLUDING, BUT NOT LIMITED TO, AVERAGE FILM THICKNESS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDED BY THE FOLLOWING PRODUCTS:
 - a. "ARC 2001™," SPRAYLAC POWDER COATINGS
 - b. "1PC-440 SERIES," FORREST PAINT CO.
 - c. "SERIES 75," TIGER DRYLAC U.S.A., INC.
- 2. COLOR: BLACK
- 3. GLOSS: SEMI-GLOSS

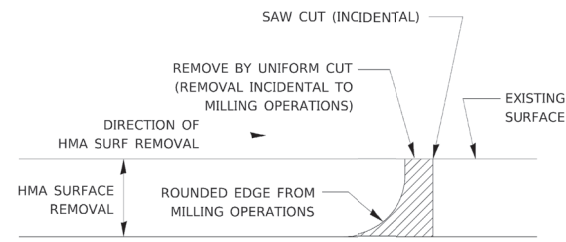
- MAXIMUM SPACING FOR RAIL PANEL LENGTHS - 6' (ART. 509.05(d))

TYPICAL RAILING DETAIL
 N.T.S.



ADA ACCESS RAMP STANDARD TYPICAL DETAIL
FRONT VIEW
 N.T.S.

REVISIONS		
REV. NO.	DESCRIPTION	DATE



NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

HMA DETAIL AT BUTT JOINTS

406-8

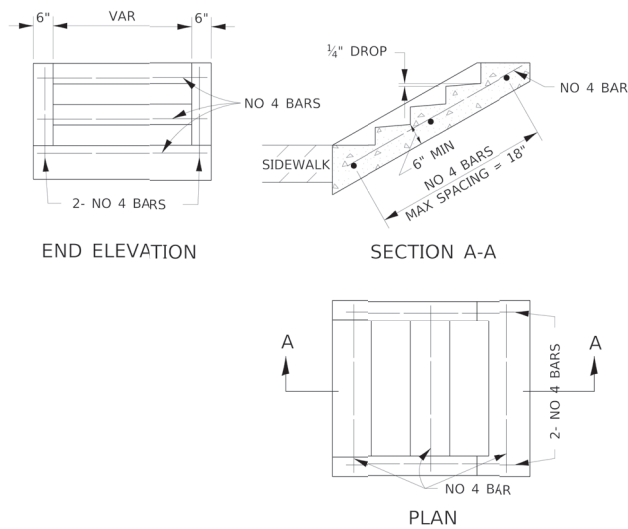


TABLE OF TREADS & RISERS

SLOPE	TREAD	RISER
1:2	12"	6"
1:3	15"	5"
1:4	17"	4 1/4"

WHERE SLOPES FALL BETWEEN THOSE SHOWN IN THE TABLE ABOVE, THE STAIR RAIL SHOULD FIT THE SLOPE AND THE TREAD IN INCHES X THE RISER IN INCHES SHOULD BE BETWEEN 72 AND 78.

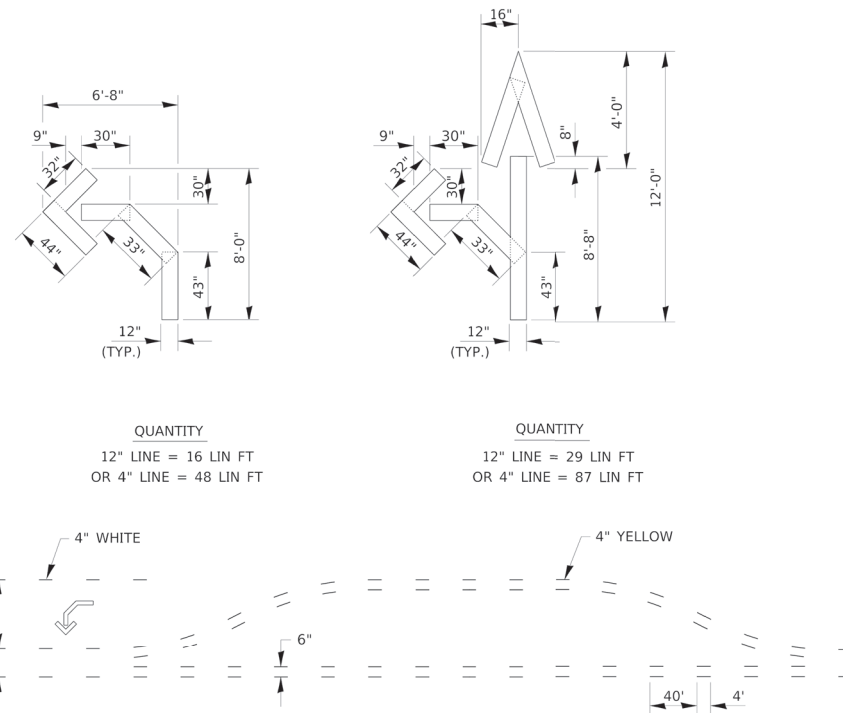
EXAMPLE:
FOR A 1:4 SLOPE USE $y = \text{RISER HEIGHT } 4v = 75^2$.
SOLVING $y^2 = 75^2$, $y = 4.3$ (USE 4 1/4" FOR CONVENIENCE.)
TREAD WOULD THEN BE $4 1/4" \times 4 = 17"$

COST OF REINFORCEMENT BARS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LBS REINFORCEMENT BARS.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT, WHICH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CLASS SI CONCRETE STEPS.

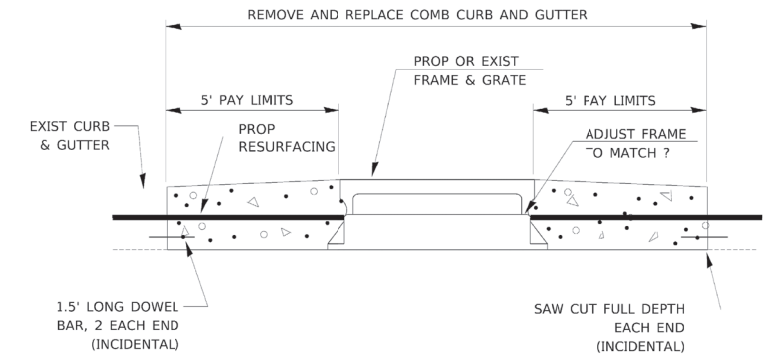
DETAIL OF CONCRETE STEPS

424-32



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

703-1



INLET ADJUST

602-2

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 1 1/2" IN DIA AND 9" DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1 1/4" X 18" SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

INLETS ARE NOT TO BE INCLUDED IN THE MEASUREMENT FOR CURB AND GUTTER REPLACEMENT.

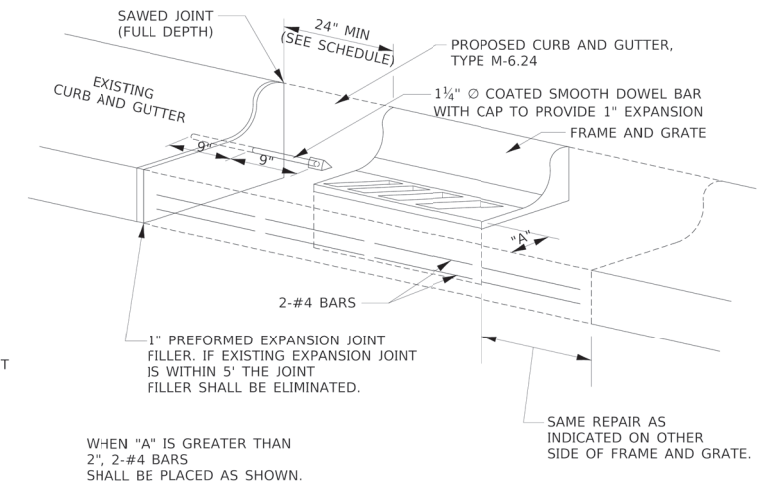
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE CONCRETE REQUIRED BETWEEN THE EDGE OF PAVEMENT AND FRAME AND GRATE SHALL BE CONSIDERED INCIDENTAL TO THE CURB AND GUTTER.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

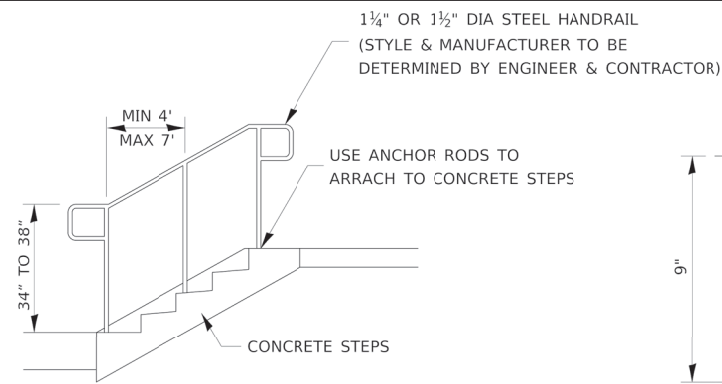
THE COST OF ALL MATERIALS AND LABOR REQUIRED TO INSTALL THE JOINTS AND BARS IN THE CURBS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CURB AND GUTTER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

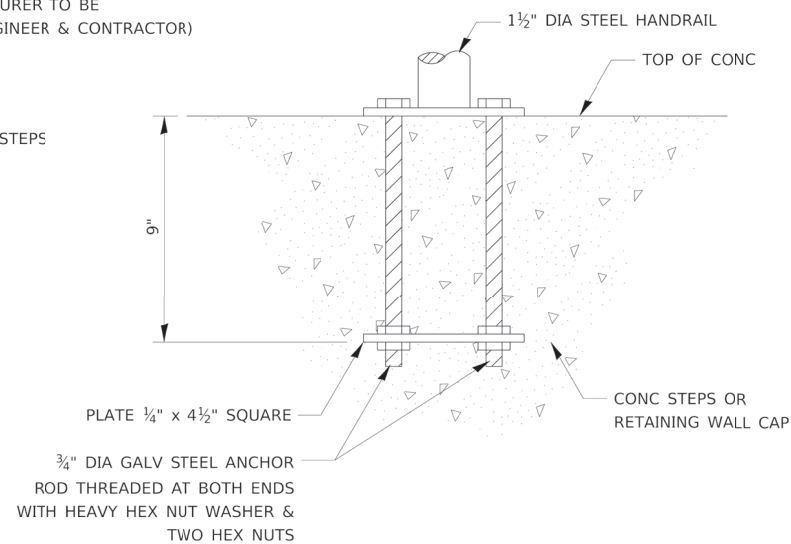


DETAILS FOR CURB & GUTTER REPLACEMENT AT INLET

606-9

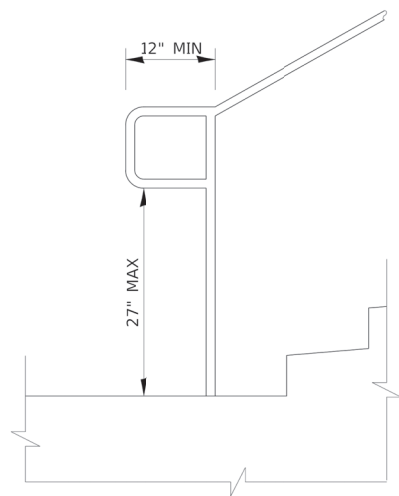


HANDRAIL FOR CONCRETE STEPS

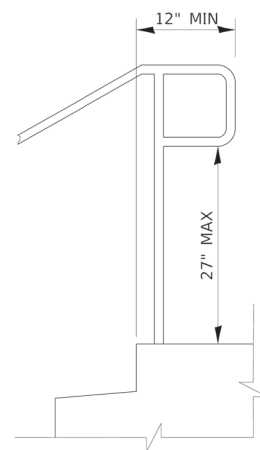


ANCHOR ROD DETAIL

(INCLUDED IN THE COST OF HAND OR SAFETY RAIL)



EXTENSION AT BOTTOM OF RUN DETAIL



EXTENSION AT TOP OF RUN DETAIL

NOTES:

STAIRWAYS SHALL HAVE CONTINUOUS HANDRAILS BOTH SIDES OF ALL STAIRS.

THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG STAIRS SHALL ALWAYS BE CONTINUOUS.

GRIPPING SURFACES SHALL BE UNINTERRUPTED BY NEWEL POSTS, OTHER CONSTRUCTION ELEMENTS, OR OBSTRUCTIONS.

ENDS OF HANDRAIL SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.

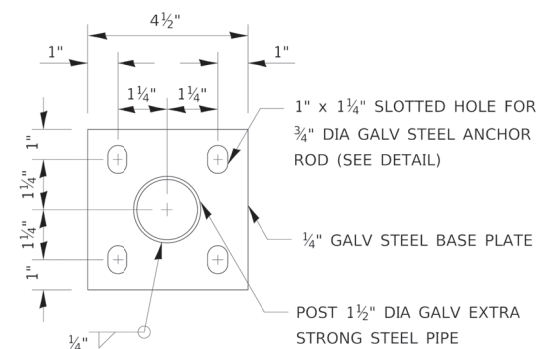
HAND & SAFETY RAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

THE CLEAR SPACES BETWEEN HANDRAILS AND ANY WALL SHALL BE 1 1/2".

HANDRAIL SHALL CONFORM TO SECTION 509 WITH THE EXCEPTION THAT ALL PIPE AND CONNECTIONS SHALL BE WELDED GALVANIZED OR ALUMINUM ACCORDING TO ARTICLE 1006.27, 1006.30, OR 1006.34.

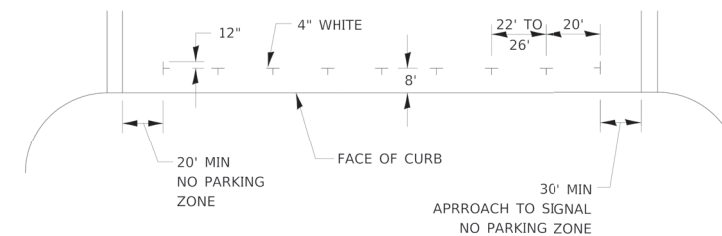
THE DIAMETER OF THE GRIPPING SURFACE OF THE HANDRAIL SHALL BE 1 1/4" TO 1 1/2".

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE HANDRAIL.

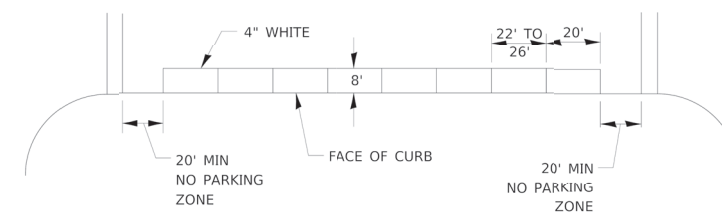


POST CASE PLATE DETAIL

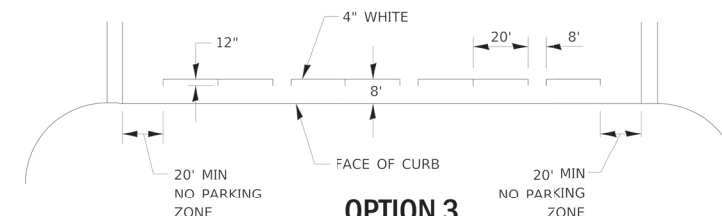
(INCLUDED IN THE COST OF HAND OR SAFETY RAIL)



PREFERRED METHOD



OPTION 2



OPTION 3

TYPICAL PARKING SPACING

780-22

PIPE HANDRAILS FOR STEPS

509-1



ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

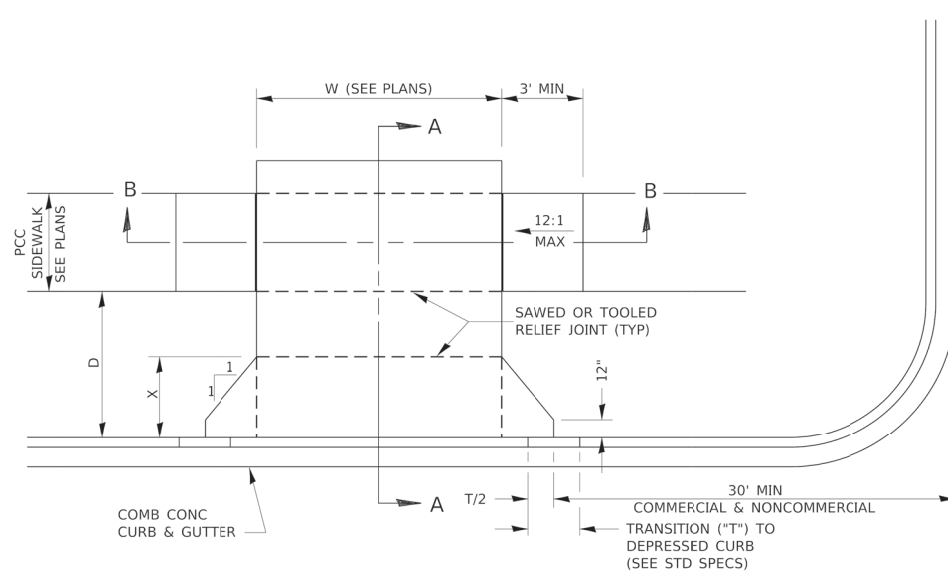
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
DISTRICT 3 STANDARD DETAILS

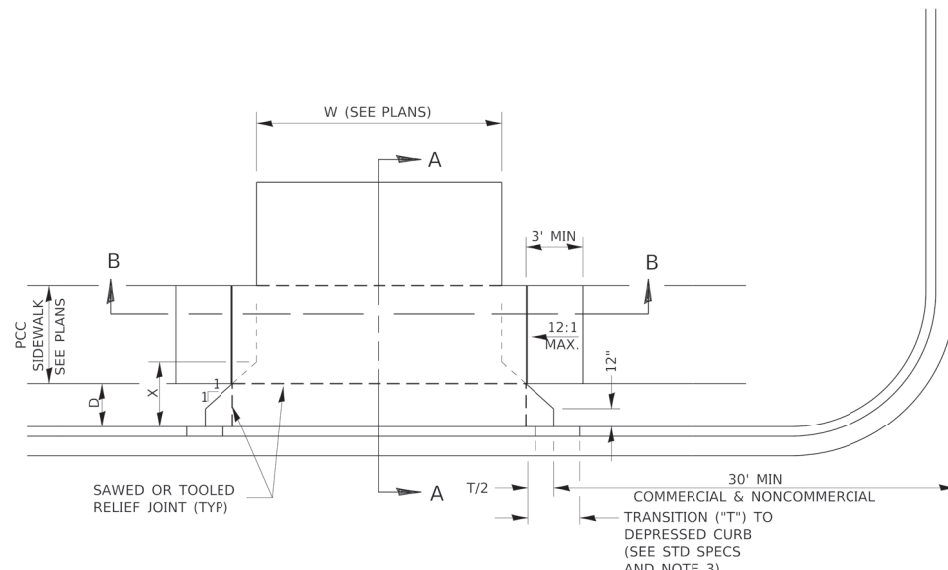
SET TYPE: FINAL
G:\CSD\19-366\Plans\19-366 Plans.dwg, DETAILS 4

JOB NUMBER:
19-366

SHEET NUMBER:
70 of 71

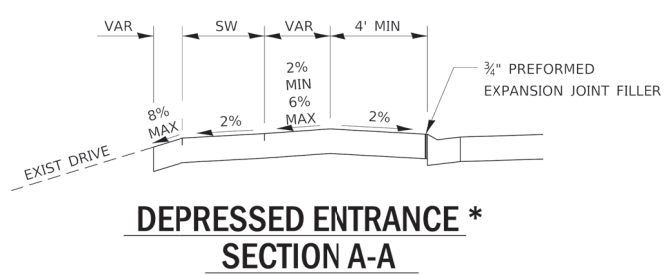


CASE I (D ≥ X)

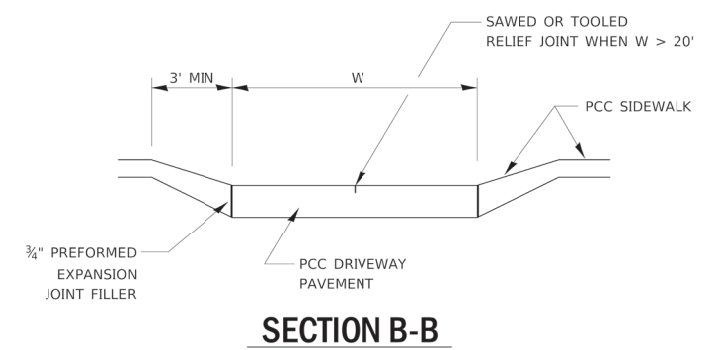
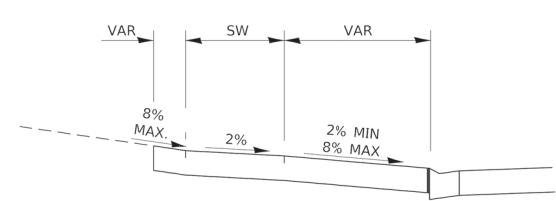


CASE I (D < X)

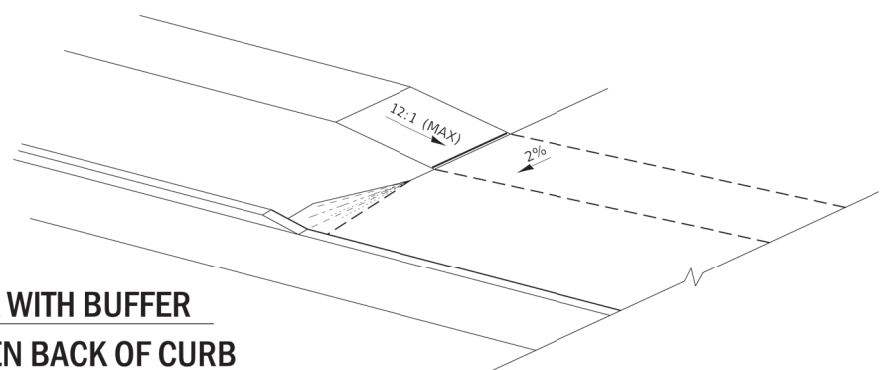
- GENERAL NOTES:
- X = 7' (NON-COMMERCIAL) X = 15' (COMMERCIAL)
 - COST OF EXPANSION JOINTS AND RELIEF JOINTS SHALL BE INCLUDED IN THE COST OF THE PCC DRIVEWAY PAVEMENT.
 - AS THE DIMENSION "D" APPROACHES ZERO, THE TRANSITION TO DEPRESSED CURB SHALL BE NO STEEPER THAN 12:1



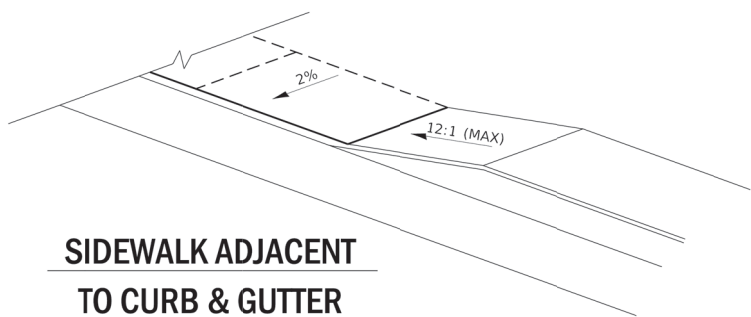
*(SEE X-SECTIONS FOR ENTRANCE PROFILE.)



SIDEWALK WITH BUFFER
AREA BETWEEN BACK OF CURB



SIDEWALK ADJACENT
TO CURB & GUTTER



423-1

MODEL: GR3 details
FILE NAME: P:\110818\BID\TEC\Illinois.gov\PW\DOT\Documents\DOT Office\District 3\Standards - District 3\DETAILS\DISTRICT 3 STANDARD DETAILS_D094040-499 SURF_CSE PAVT REHA6 & SHLD.dgn

USER NAME = corcoranlm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/18/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC URBAN ENTRANCES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
VILLAGE OF SHABBONA
206 S. BLACKHAWK ST
SHABBONA, IL 60550

PROJECT AND LOCATION:
SHABBONA DOWNTOWN
STREETSCAPE
SHABBONA, IL

DRAWN BY: JMV
APPROVED BY: BS
DATE: 05/17/2023
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
DISTRICT 3 STANDARD DETAILS
SET TYPE: FINAL
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JOB NUMBER:
19-366
SHEET NUMBER:
71 of 71