CITY OF BELVIDERE RIVERFRONT DEVELOPMENT

01-16-2026 LETTING ITEM 212

CITY OF BELVIDERE FAU 5005 (N. State St.) SECTION 23-00118-00-LS PROJECT NO. R2EB(090) JOB NO. C-92-061-24

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DISTRICT 2 STANDARDS

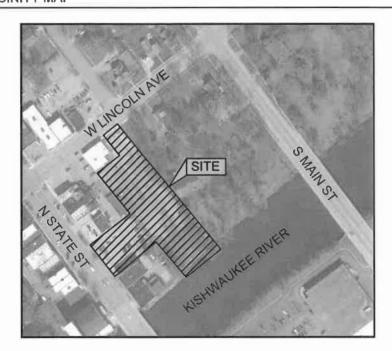
SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS INLETS, SPECIAL, NO. 4

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701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
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857001-01	
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CONTRACT #85787

VICINITY MAP



CITY HALL:





GAS:

1-800-334-7661

UTILITY OFFICIALS

	UTILITY O	FFICIALS
		ITY HALL BOULEVARD
B AND GUTTER DM PAVEMENT EDGE ABLE MEDIAN	SEWER DISTR BELVIDERE S DEPARTMENT DAN ANDERS SUPERINTEN 815-544-2072 2001 NEWBUI BELVIDERE, I	EWER T ON DENT RG ROAD
	OWNER:	
	TING!	City Of Belvio 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256
JENCES		

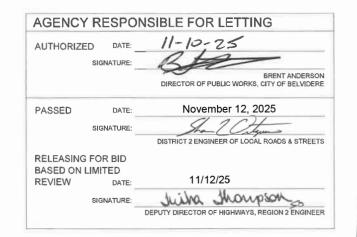
NICOR GAS FRONTIER 877-462-8188 MAYOR CLINTON MORRIS 815-544-2612 BELVIDERE CITY HALL 401 WHITNEY BOULEVARD CABLE TELEVISION: BELVIDERE, IL 61008 COMCAST WATER DEPARTMENT: STREET DEPARTMENT: 800-266-2278 BELVIDERE WATER BELVIDERE STREET DEPARTMENT DAN ANDERSON DAN ANDERSON SUPERINTENDENT SUPERINTENDENT 815-544-9256 815-544-9256 ELECTRIC: 401 WHITNEY BOULEVARD 210 WHITNEY BOULEVARD COMED BELVIDERE, IL 61008

TELEPHONE:

OWNER: **ENGINEER:** City Of Belvidere DESIGN 401 Whitney Blvd. RESOURCES INC. Belvidere, IL 61008 (815) 544-9256 5291 ZENITH PARKWAY LOVES PARK, IL 61111 VOICE: (815) 484-4300 FAX: (615) 484-4303



PLAN SUBM	IITTALS
USACE APPROVAL	11-12-2024
IDNR APPROVAL	08-15-2025
IDOT REVIEW	11-10-2025





CITY OF BELVIDERE RIVERFRONT DEVELOPMENT Municipal Lot 7 Belvidere, IL City Of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256



ISSUED FOR	
	DATE
USACE APPROVAL	11-12-2024
2. ESR SUBMITTAL	05-08-2024
3, AGENCY REVIEW	04-15-2025
4, IDNR APPROVAL	08-15-2025
5. IDOT REVIEW	11-10-2025
6. —	
7. —	-
8. —	_
9. —	
10.—	
11,—	-
12,—	_
REVISIONS	
ITEM	DATE
1. —	-
2. —	-
3. —	-
4. —	-
5. —	-
6. —	-



FAU 5005 (N. State St.) COUNTY: SECTION: 23-00118-00-LS CONTRACT: 85787 ILLINOIS FED. AID PROJECT

SHEET 1 of 17

CHECKED

Contractor shall grade entire site to correct surface irregularities in preparation for sod/seed. Roto-til, disc, drag, harrow or hand rake sub grade in all lawn areas and remove construction debris, foreign matter or stones larger than 2". Grading shall provide slopes which are smooth, continuous, free from depressions or ridges. Level, rake and roll as necessary to an even and true condition and obtain positive drainage in all areas. Finish grades shall meet the approval of owner prior to lawn installation

All disturbed areas should be brought to grade with "topsoil" to a minimum depth of 6 inches in areas to be seeded or sodded, and 12 inches for all interior (curbed) landscape islands. All lawn areas are to be finished with seed, sod, mulch, straw mulch, etc. or as noted on plans. All lawn areas (seed / sod) are to be watered until a healthy stand of grass is established. (see seed/sod notes for

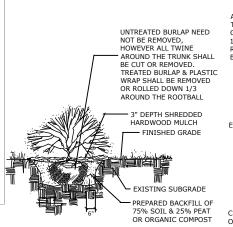
- Quantity lists are supplied as a convenience; however, the contractor should verify all quantities. The drawings shall take precedence over the lists.
- Plantings may need to be adjusted in the field to accommodate utilities, easements, drainage ways, downspouts, etc.; however quantities and sizes shall remain consistent with these plans.

Size & grading standards of plant material shall conform to the latest addition of ANSI Z60.1 AMERICAN STANDARD OF NURSERY STOCK, by the American Nursery & Landscape Association. Plant material shall be nursery grown and be either balled and burlap or container grown.

- All plant species specified are subject to availability. Material shortages in the landscape industry may require substitutions. All substitutions must be approved by the Landscape Architect and/or Owner prior to installation
- All plant material shall be locally or regionally sourced within 200 miles of the project site, or at the discretion of the landscape
- Any plant materials with damaged or crooked/disfigured leaders, bark abrasion, sun scald, insect damage, etc. are not acceptable and will be rejected by Landscape Architect and/or Owner. Trees with multiple leaders will be rejected unless called for in the plant list as multi-stem or clump. Evergreen trees shall not be "sheared" and must be of natural growth habit.
- Upon inspection and acceptance of all landscape items by Landscape Architect and/or Owner the contractor shall assume maintenance responsibilities for a period of thirty (30) days, for all plant material, to include: watering, cultivating, weeding, pruning, mulching and spraying as necessary to keep plants free of insects and in a healthy, vigorous condition until responsibility is transferred to the owner (see below).
- 1. All plant material shall be guaranteed for one (1) year after acceptance by landscape architect and/or owner. After the first thirty (30) days, the owner shall assume maintenance responsibilities as described (see above). Contractor shall replace without cost to owner any dead or unacceptable plants, as determined by the landscape architect at the end of one (1) year guarantee period. Contractor shall notify immediately, in writing, any concerns related to maintenance practices.
- 12. All planting beds and tree saucers shall be mulched continuous with 3" depth shredded hardwood mulch, see planting details. All deciduous trees (shade / ornamental) that are not located in in a planting bed shall be mulched with a 3"-0" diameter circle Evergreen trees shall be mulched to outer-most branches at the time of installation.
- 13. Planting edge delineation at all planting bed lines and tree saucers shall require a minimum 4" depth "yee" shaped cultivated spaded edge with a vertical face abutting all lawn areas and sloped to inside of plant bed continuous between lawn and mulched areas as indicated on plan.
- 14. Contractor to seed all disturbed lawn areas. Seeded lawn to be a combination of bluegrass, perennial rye and red fescue with the contraction to seed an disturbed lawn lateas. Seeded lawn to be a combination of bluegrass, pereinfiarly earlier with the suggested following analysis by weight: 30% rugby Kentucky bluegrass, 20% park Kentucky bluegrass, 20% creeping red fescue, 20% scaldis hard fescue, and 10% perennial ryegrass. Seed to be applied at a rate of 4 lbs. per 1,000 s.f.. All seeded lawn areas shall be covered with straw mulch or erosion control netting, consisting of hand or machine application at a rate of 2 ton per acre. Mulch shall be compact enough to reduce erosion of seed and topsoil but loose enough to allow air to circulate. Install per Method , Section 251, of the Standard Specifications for Road and Bridge Construction.
- 15. All seeded turf areas shall be fertilized at installation with 20-10-10 analysis, at a rate of 6 lbs. per 1,000 s.f.. A second application of 10-10-10 to be applied at rate of 6 lbs. per 1,000 s.f. after the first cutting. Acceptance and guarantee notes shall apply to all

16. Acceptance of grading and seed shall be by landscape architect and/or owner. Contractor shall assume maintenance responsibilities for a minimum of sixty (60) days or until second cutting, whichever is longer. Maintenance shall include watering, weeding, re-seeding (wash-offs) and other operations necessary to keep lawn in a thriving condition. Upon final acceptance, 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 re-seeded repeatedly until all areas are covered with a satisfactory stand of grass Minimum acceptance of seeded lawn areas may include scattered bare or dead spots, none of which are larger than one (1) square foot and when combined do not exceed 2% of total lawn area.

PAVEMENT DESIGN LIFT THICKNESS 1.5" (SEE PLAN) 2.5" (SEE PLAN) FULL DEPTH PAVEMENT LOCATION AND MIXTURE SURFACE ALL LOWER LIFTS SBS PG 64-28 PG 58-28 DESIGN AIR VOIDS 4.0 @ N70 4.0 @ N70 MIXTURE COMPOSITION FRICTION AGGREGATE D N/A 20 YEAR ESAL 0.0 0.0 MIX UNIT WEIGHT 112 LBS/SY/IN N/A QUALITY MANAGEMEN OC/OA OC/OA PROGRAM TO BE USED MATERIAL TRANSFER DEVICE N/A N/A



SHRUB PLANTING DETAIL

85787



CITY OF **BELVIDERE** RIVERFRONT DEVELOPMENT

Municipal Lot 7 Belvidere, IL

City Of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256

ISSUED FOR

CONSULTANTS ARC PROJECT: 21227

USACE APPROVAL 11-12-2024 2. ESR SUBMITTAL 05-08-2024 3 AGENCY REVIEW 04-15-2025 4 IDNR APPROVAL 08-15-2025 5. IDOT REVIEW 11-10-2025

SHEET TITLE **GENERAL NOTES &** DISTRICT STANDARDS

FAU 5005 (N. State St.) COUNTY: BOONE 23-00118-00-LS CONTRACT: 85787 ILLINOIS FED. AID PROJECT

All earthwork, grading and paving shall be performed in accordance with Standard Specifications for Road and Bridge Construction in Illinois, State of Illinois Department of Transportation, (current edition), the "Supplemental Specifications and Recurring Special Provision" (current edition), and all revisions and supplements thereto, and the requirements and specifications of the County of Boone and/or City of elvidere (where applicable). Notify the following at least 48 hours prior to start of construction City of Belvidere Dept. of Public Works - (815) 5449256 Arc Design Resources, Inc. - (815) 484-4300 The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. The J.U.L.I.E. number is 800-892-0123. A minimum of 48 hours advance notice is required for non-emergency work. The contractor shall coordinate a private locate of on site utilities. The cost of the private locate shall be incidental to the contract.

GENERAL NOTES AND CONDITIONS

The Contractor shall contact the City of Belvidere Department of Public Works Water Division for all water main shutoffs required due to construction operations. The Contractor shall not operate any valves or shutoffs without prior notification

5. If during paving or grading operations the existing mailboxes or signs, which are to remain in place, become a hindrance, the Contractor shall be required to carefully remove and reinstall them and shall be included in the cost of the contract per section 107.20 of the Standard Specifications for Road and Bridge Construction in Illinois, State of Illinois Department of Transportation, (current edition).

- 6. All elevations are U.S.G.S. Datum
- Cut or fill slopes shall have a maximum ratio of four horizontal to one vertical (4:1) unless noted otherwise hese slope constraints apply to temporary stock piles as well as finished slope conditions.
- The Contractor is responsible for maintaining positive drainage at the conclusion of each working day.
- Depressed curb shall be provided for handicapped ramps at all sidewalks abutting the curb and gutter and for future sidewalk locations. Follow IDOT ramp standards.
- 10. Embankment will not be measured for payment and shall be included in the Earth Excavation cost.
- 11. All frames and grates of drainage structures to be removed or filled shall be carefully salvaged and shall remain the property of the contractor.
- 20. The contractor shall determine flow lines of existing sewer lines which are shown on the plans as estimated or unknown. This information is necessary before ordering inlets and manholes.
- Except as noted on the plans, pavement grades shown are at the top of pavement surfaces
- 22. The work required to connect any sewer to an existing drainage structure or pipe will not be paid for
- 23. Only those trees designated by the Engineer or listed in the tree removal schedule shall be removed. The
- 24. Abandoned underground utilities that conflict with construction shall be disposed of outside the limits of the right-of-way according to Article 202.03 of the standard specifications and as directed by the Engineer. This work will not be paid for separately, but shall be included in the cost of earth excavatio
- 25. The owner shall be informed 48 hours in advance of any change in construction staging or traffic control.
- 26. Contractor shall utilize Type III barricades for any road or parking lot closure lasting more than one working
- . Work areas shall be protected with orange construction fence if contractor operations will preclude safe pedestrian access for periods longer than 24 hours. For short term operations, Type II barricades, drums, or
- 28. Any conflicting traffic signs shall be covered by the contractor during the course of construction. this work shall be included in the cost of the project.

2.05

0.6779

0.0003

0.0005

STAKING OF TREES

BE PROTECTED W/

ROOTBALL

#12 GA OR 3/16" STEEL

UNTREATED BURLAP NEED

AROUND THE TRUNK SHALL BE CUT OR REMOVED.

TREATED BURLAP & PLASTI

WRAP SHALL BE REMOVED

AROUND THE ROOTBALL

PREPARED BACKFILL OF

75% SOIL & 25% PEAT

OR ORGANIC COMPOST

- 45° OR LESS

3 METAL STAKES @ 8'

HOWEVER ALL TWINE

NOT BE REMOVED

NOT REQUIRED UNLESS

TREE WILL NOT REMAIN

TRUNK OF TREE SHALL

TREE WRAP. SECURE

WRAP W/TWINE @ TOP & REMOVE THE NEXT SPRING.
DO NOT STAKE INTO

- Work within the right-of-way will require traffic control in conformance with IDOT standards 701606 and
- 30. Sidewalk closures shall be signed in accordance with IDOT standard 701801
- 31. Any reference to a standard in these plans shall be interpreted to mean the most current edition

TONS / CU YD

LBS / SQ YD / IN

TONS / SQ YD

FT / 100 FT OF APPLICATION

32. The following rates of application have been used in calculating plan quantities

LB / SY

Level Binder (Hand Method) TONS / SQ YD GAL / SQ YD/ APPLICATION Supplemental Watering Calcium Chloride LB / SQ YD/ APPLICATION Temporary Ditch Checks TONS OF AGGREGATE APPLY 18-6-12 OSMOCOTE (270 DAY) TIMED RELEASED FERTILIZER TO - PLANTING SOIL MIN. OF 3" MUSHROOM COMPOST GROUNDCOVER & PERENNIAL BEDS & ROTO-TILLED INTO SOIL TO A MIN 14-14-14 OSMOCOTE (120 DAY) TIMED RELEASED FERTILIZER TO ANNUAL DEPTH OF 9" DON NOT COMPACT BEDS PER MFRS. RECCOMENDATIONS FINISHED GRADE 2-PLY 1/2 REINFORCED RUBBER HOSE 9"-12" KEEP STONE AWAY

Granular Materials

HMA Resurfacing

Bituminous Mat Prime Coat

Short Term Pavement Marking

Mix for Cracks, JTS, & FLGWYS

FROM TRUNK 3" DEPTH SHREDDED FORM SAUCER

EXISTING SUBGRADE ALL BED PLANTINGS SHALL BE INSTALLED WITH TRIANGULAR SPACING, UNLESS SPECIFIED SEE SPECIFIC SPACING DIMENSION ON PLANT LIST SLICE, CUT OR SEPARATE EXTERIOR ROOTS ON ROOT-BOUND CONTAINER

CERTAIN BULBS/PERENNIALS MAY REQUIRE OTHER PLANTING DEPTHS, CONSULT BULB DISTRIBUTOR FOR SPECIFIC DEPTHS.

BED PLANTING DETAIL

PLANTS TO PROMOTE ROOT GROWTH

TREE PLANTING DETAIL

AROUND PLANTING PIT

PCC SIDEWALK 5 PCC DRIVEWAY PAVEMENT 7 CURB & GUTTER FOR DETAILS ON DIMENSIONS CONSTRUCTION OR SAWED JOINT AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS. DRIVEWAY PAVEMENT DEPRESSED SECTION A-A **CURB & GUTTER** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

INLETS, SPECIAL, NO. 4

STEPS AT 12 TO 16 CTS.

OR CLASS SI CONCRETE.

 $^{f k}$ THE WALL ADJUSTMENTS SHALL BE

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6 SHORT TO ALLO FOR FIELD ADJUSTMENTS.

MADE WITH CONCRETE BUILDING BRICK

1" PREFORMED EXPANSION

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT

EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 4
SHALL BE CONSTRUCTED IN ACCORDANCE WITH
SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 4 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE

DE DOINE IN ACCURDANCE WILL ANY BOY IT THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CAY OR CA16 AND THE CONNECTION TO THE INLUET.

SIDEWALK AND DRIVEWAY

PAVEMENT PAY AREAS

TO STA

THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

REGION 2 / DISTRICT 2 STANDARD

OF SHEETS STA.

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

- 1-1/4 DOWELL BAR

6 CLASS SI

CONCRETE FLOOR

6 CLASS SI CONCRETE SLAB

— 4-1/2 OPENING WIER ELEV.

- 4'-0"-

SEC. A-A

TOP VIEW

INLETS, SPECIAL, NO. 4

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

COUNTY

DRIVEWAY PAVEMENT

SIDEWALK

(CONCRETE)

ILLINOIS FED AID PROJE

35.4

CONTRACT NO.

SEE STANDARD 79.4f

CURB & GUTTER

POUR ADJUSTMENT

OPTIONAL

BACK OF CURB

LINE

EDGE OF-PAVEMEN

CONSTRUCTION

FACE OF INLET

IOINT

── 6" CLASS SI CONCRETE

4'-0" OPEN IN BACK

__1-1/2 CL -

6'-0"-

∠SAND CUSHION

SEE STANDARD 602701 FOR DETAILS OF STEPS.

1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

REINFORCEMENT FOR INLETS, SPECIAL, NO. 4 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

TOTAL WEIGHT 160 LBS

SCALE:

PAY FOR AS

SIDEWALK REMOVAL

REVISED - 6-27-14

REVISED - 10-03-11

REVISED .

DRIVEWAY PAVEMENT REMOVAL

LIGHT WEIGHT MANHOLE CASTING

-

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

REVISED - 1-05-16

REVISED - 8-27-13

REVISED - 10-04-11

REVISED -

FRONT VIEW

COUNTY CONTRACT NO

OF SHEETS STA.

REGION 2 / DISTRICT 2 STANDARD

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

SHEET 2 of 17

Item#	Description	Unit	CODE 0028 Total Quantity
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	48
* 20100500	TREE REMOVAL ACRES	ACRE	0.2
20101000	TEMPORARY FENCE	FOOT	700
20200100	EARTH EXCAVATION	CU YD	3400
	TOPSOIL FURNISH AND PLACE, 18"	SQ YD	3367
	SEEDING, CLASS 1A	ACRE	0.4
	NITROGEN FERTILIZER NUTRIENT	POUND	5
20000400			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	5
^k 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5
* 25100630	EROSION CONTROL BLANKET	SQ YD	1783
28000500	INLET AND PIPE PROTECTION	EACH	3
28100107	STONE RIPRAP, CLASS A4	SQ YD	10
28200200	FILTER FABRIC	SQ YD	10
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	629
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	4325
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	800
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	560
40603085	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	336
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ YD	24
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3518
42400800	DETECTABLE WARNINGS	SQ FT	14
44000300	CURB REMOVAL	FOOT	127
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	24
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	319
	SIDEWALK REMOVAL	SQ FT	2121
50900805	PEDESTRIAN RAILING	FOOT	36
54213657		EACH	1
56500600		EACH	3
58700300		SQ FT	6182
60218400		EACH	1
55215150		2,1011	•

	ltem#	Description	Unit	CODE 0028 Total Quantity
	60262700	INLETS TO BE RECONSTRUCTED	EACH	1
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1395
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	170
ŀ	67100100	MOBILIZATION	L SUM	1
*	72000100	SIGN PANEL TYPE 1	SQ FT	10
	72400310	REMOVE SIGN PANEL ASSEMBLY - TYPE 1	SQFT	8
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	24
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2000
*				
ŀ		ELECTRIC SERVICE INSTALLATION	EACH	1
* [80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
*	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	900
*	81400730	HANDHOLE COMPOSITE CONCRETE	EACH	3
*	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3345
*	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 400AMP	EACH	1
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	53
*	83060230	LIGHT POLE, GALVANIZED STEEL, 35 FT. M.H., 10 FT. MAST ARM	EACH	2
*	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	1
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
	550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	147
k	A2000118	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	2
*	A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS	EACH	5
k	A2006524	COMMON HONEYLOCUST,) 3" CALIPER, BALLED AND BURLAPPED TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND	EACH	2
*	A2007122	BURLAPPED TREE, QUERCUS RUBRA (RED OAK), 3"	EACH	2
*	A2008024	CALIPER, BALLED AND BURLAPPED TREE, TILIA CORDATA (LITTLE LEAF LINDEN), 3" CALIPER, BALLED	EACH	3
*	B2000668	AND BURLAPPED TREE, AMELANCHIER X GRANDIFLORA (APPLE SERVICEBERRY), 7' HEIGHT	EACH	3
*	C2C00624	SHRUB FORM, BALLED AND BURLAPPED SHRUB, ARONIA MELANOCARPA ELATA (GLOSSY BLACK CHOKEBERRY 2'	EACH	17
*		HEIGHT, CONTAINER, 5-GALLON SHRUB, FORSYTHIA X INTERMEDIA COURTACOUR (GOLDILOCKS	EACH	23
*	C3C03430	FORSYTHIA) 18" HEIGHT, CONTAINER, 5-GALLON SHRUB, HYDRANGEA MACROPHYLLA ENDLESS SUMMER (ENDLESS SUMMER	EACH	9
ŀ	02003428	BIGLEAF HYDRANGEA) 2' HEIGHT, CONTAINER GROWN, 5-GALLON	EACH	
*	C2C03523	SHRUB, HYDRANGEA PANICULATA (LIME LIGHT PANICLE HYDRANGEA), 2.5' HEIGHT, CONTAINER GROWN, 5-GALLON	EACH	12
K	C2C04738	SHRUB, PHYSOCARPUS OPULIFOLIUS SUMMER (SUMMER WINE COMMON NINEBARK), 2-1/2'HEIGHT, CONTAINER GROWN, 5-GALLON	EACH	24

* SPECIALTY ITEM

RESOURCES INC.

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PROJECT NAME OWNER'S NAME

CITY OF BELVIDERE RIVERFRONT DEVELOPMENT

Municipal Lot 7 Belvidere, IL

City Of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256

CONSULTANTS

ARC PROJECT: 21227

ISSUED FOR	DATE
4 1104.05 48880.0111	DATE
1. USACE APPROVAL	11-12-2024
2. ESR SUBMITTAL	05-08-202
3. AGENCY REVIEW	04-15-202
4. IDNR APPROVAL	08-15-202
5. IDOT REVIEW	11-10-202
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REVISIONS	
ITEM	DATE
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SUMMARY OF QUANTITIES

DRAWN	RJB
CHECKED	JSL
PM	JSL

FAU 5005 (N. State St.)
COUNTY: BOONE
SECTION: 23-00118-00-LS
CONTRACT: 85787
ILLINOIS FED. AID PROJECT
SHEET 3 of 17

85787

	Item#	Description	Unit	CODE 0028 Total Quantity
*	C2C09918	SHRUB, SPIREA X BUMALDA GOLDFLAME (GOLD FLAME BUMALD	EACH	28
*	C2C10018	SPIREA), 18" HEIGHT, CONTAINER, 5-GALLON SPIREA JAPONICA ALPINA TRACY (ALPINE JAPANESE SPIREA), 18" HEIGHT	EACH	23
*	C2C10218	CONTAINER GROWN, 5-GALLON SPIREA JAPONICA LITTLE PRINCESS (LITTLE PRINCESS JAPANESE	EACH	20
*	C2C10930	SPIREA), 18" HEIGHT, CONTAINER GROWN, 5-GALLON SHRUB, SYRINGA MEYERI PALIBIN (DWARF KOREAN LILAC),	EACH	11
*	C2C13128	CONTAINER GROWN, 5-GALLON SHRUB, WEIGELA FLORIDA VERWEIG 6 (SONIC BOOM RED REBLOOMING	EACH	8
*	D2000184	WEIGELA), 15" WIDTH, 3-GALLON CONTAINER GROWN EVERGREEN, ABIES CONCOLORCER (WHITE FIR), 7' HEIGHT, BALLED AND	EACH	5
*	D2000284	BURLAPPED EVERGREEN, JUNIPERUS CHINENSIS FAIRVIEW, (FAIRVIEW PYRAMIDAL	EACH	15
*	D2000730	JUNIPER), 6' HEIGHT, BALLED AND BURLAPPED EVERGREEN, JUNIPERUS CHINENSIS VAR SARGENTII VIRIDIS (GREEN	EACH	57
*	D2000918	SARGENT JUNIPER), 2.5' WIDTH CONTAINER 5 GAL. EVERGREEN, JUNIPERUS HUGHES (HUGHES CREEPING JUNIPER), 18" WIDTH. BALLED AND BURLAPPED	EACH	45
*	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	3.33
*	K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	UNIT	0.81
*	K0026830	SHRUB REMOVAL	EACH	23
*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	162
*	K1005482	SHREDDED BARK MULCH 4"	SQ YD	1530
*	X2010106	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	4
	X0326806	WASHOUT BASIN	LSUM	1
	X1700067	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	1273
	X2810212	STONE RIPRAP, CLASS A6 (SPECIAL)	TON	60
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	1367
	X4404400	PAVEMENT REMOVAL, SPECIAL	SQ YD	5325
	X5420003	CONCRETE COLLAR, SPECIAL	EACH	1
	X6020135	ADJUST MONITORING WELLS	EACH	5
	X6024248	INLETS, SPECIAL, NO. 4	EACH	1
*	X6640102	FENCE (SPECIAL)	FOOT	120
	X6640300	CHAIN LINK FENCE REMOVAL	FOOT	60
	X7010216	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	1
*	X8140117	HANDHOLE TO BE ADJUSTED WITH NEW FRAME AND COVER	EACH	1
*	XX007458	STONE WALL - SINGLE SIDED	FOOT	300
*	XX008424	LIGHT FIXTURE ASSEMBLY- TYPE A	EACH	10
*	XX008425	LIGHT FIXTURE ASSEMBLY- TYPE B	EACH	3

* SPECIALTY ITEM

	Item#	Description	Unit	CODE 0028 Total Quantity
	XX008553	RETAINING WALL, SPECIAL	FOOT	130
*	XX009020	LUMINAIRE, LED, TYPE 3, SPECIAL	EACH	6
*	X8300001	LIGHT POLE (SPECIAL)	EACH	2
	Z0004002	BOLLARDS	EACH	4
	Z0012450	CONCRETE STEPS	CU YD	4
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1
	Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	100
	Z0023205	SEDIMENT CONTROL, SILT CURTAIN	L SUM	1
	Z0054400	ROCK FILL	CU YD	30

* SPECIALTY ITEM



CITY OF BELVIDERE RIVERFRONT DEVELOPMENT

Municipal Lot 7 Belvidere, IL

City Of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256

PROJECT NAME OWNER'S NAME

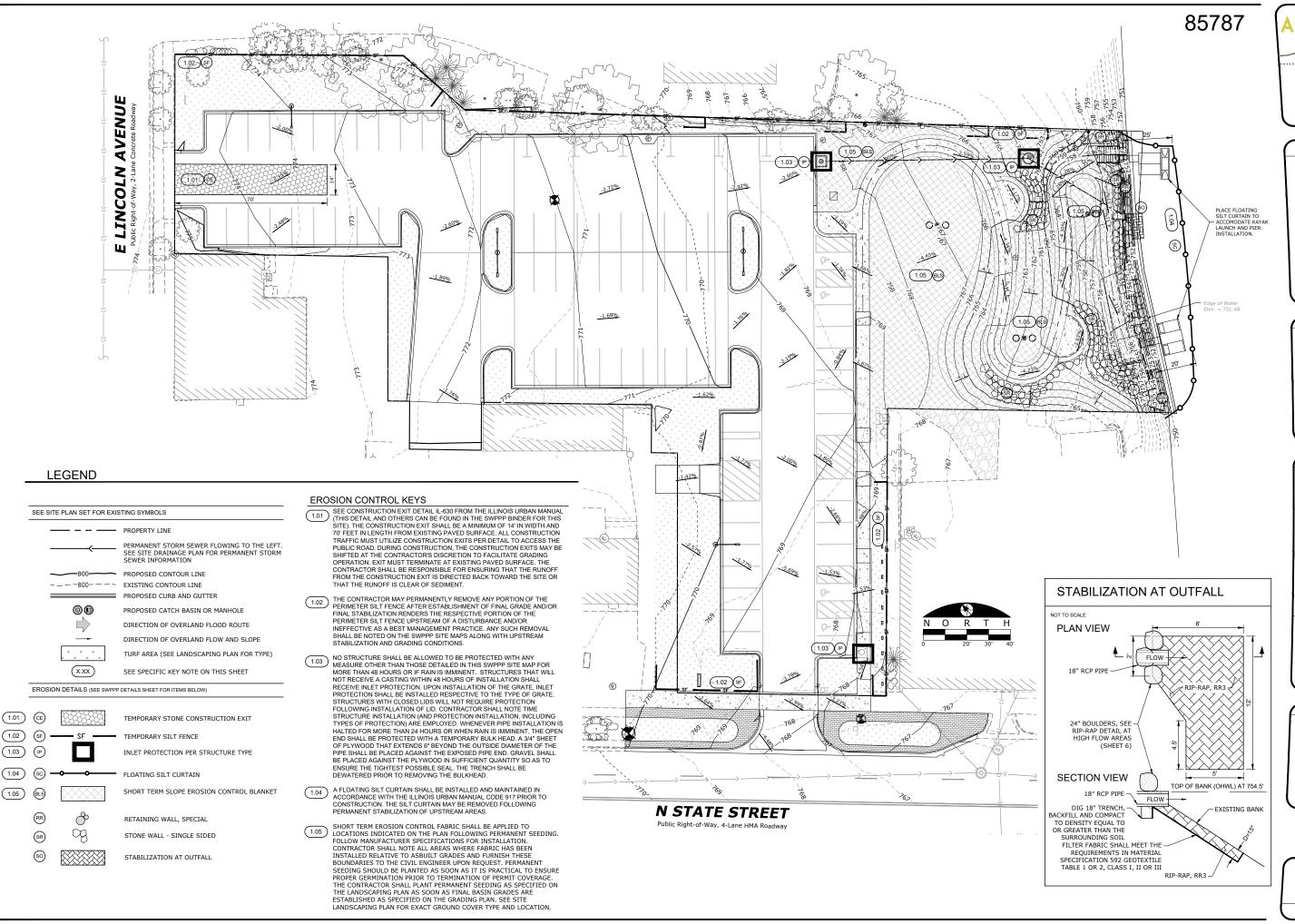
CONSULTANTS
ARC PROJECT: 21227

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SUMMARY OF QUANTITIES

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С	HECKED	JSL
P	М	JSL

FAU 5005 (N. State St.)
COUNTY: BOONE
SECTION: 23-00118-00-LS
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ILLINOIS FED. AID PROJECT
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OWNER'S NAME

CITY OF BELVIDERE RIVERFRONT DEVELOPMENT

Municipal Lot 7 Belvidere, IL

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ARC PROJECT: 21227

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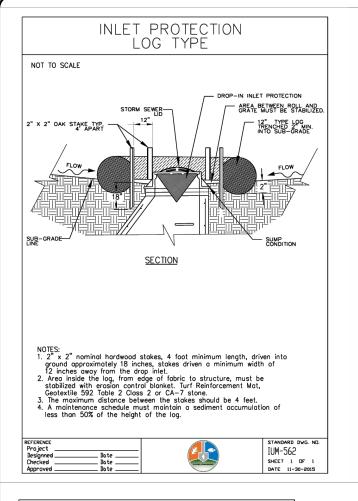
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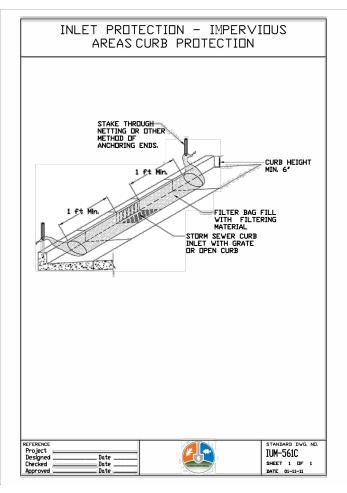
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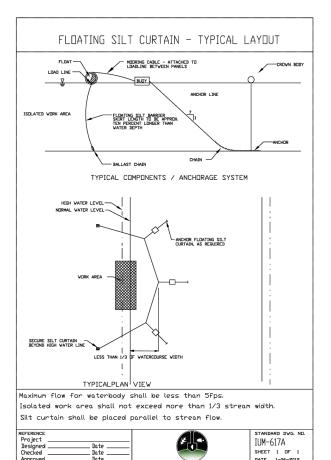
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CHECKED	JSL
PM	JSL

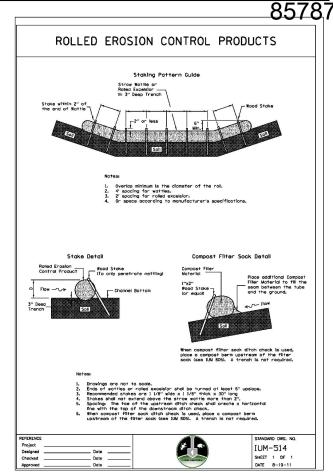
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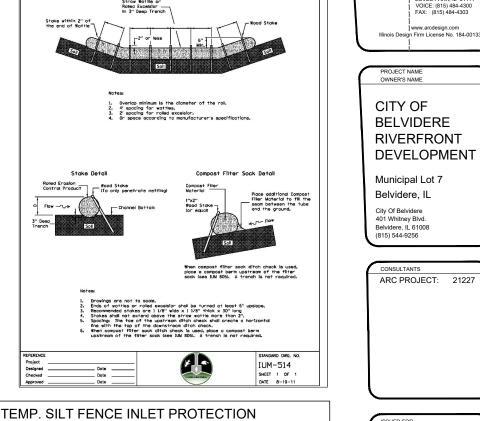
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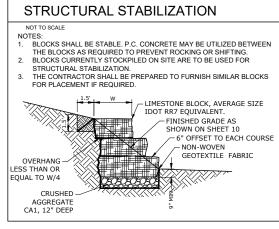


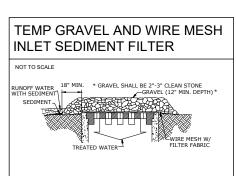


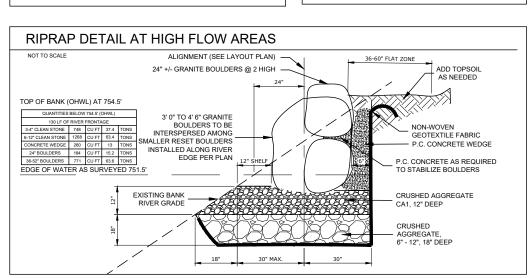


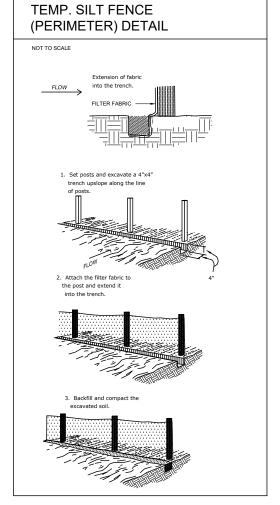


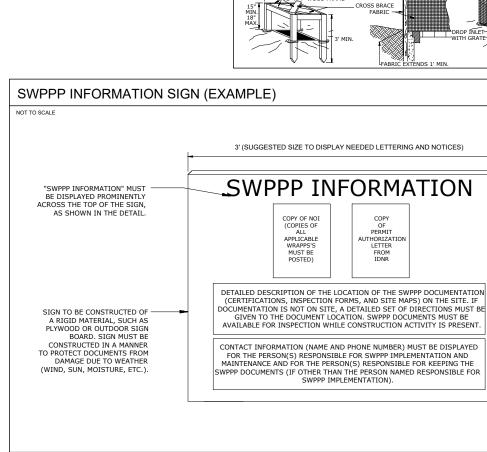




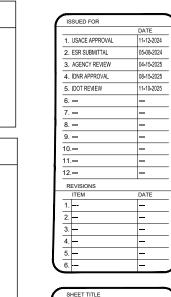








NOT TO SCALE



RESOURCES INC



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PM	JSL	
FAU 5005	(N. State St.)	
COUNTY:	BOONE	

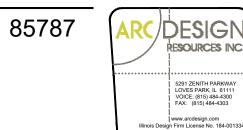
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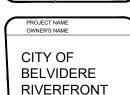
SECTION: 23-00118-00-LS CONTRACT: 85787 ILLINOIS FED. AID PROJECT

SHEET 6 of 17

Parallel Overlaps

DETAIL 3





Municipal Lot 7 Belvidere, IL

DEVELOPMENT

City Of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256

CONSULTANTS ARC PROJECT: 21227

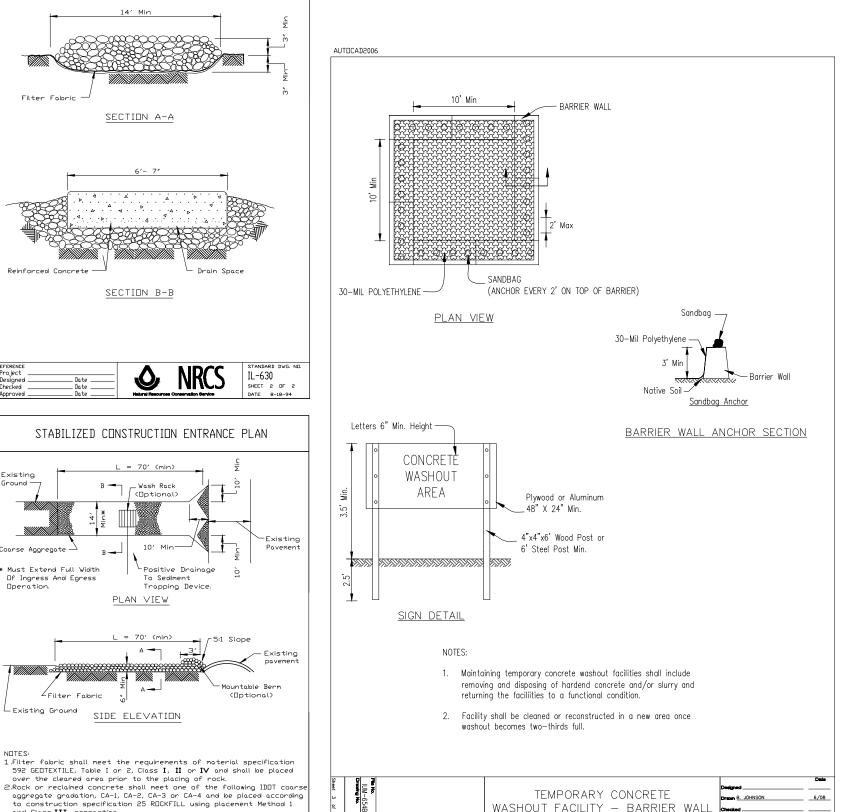
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SHEET TITLE SWPPP MAP DETAILS

CHECKED

FALL 5005 (N. State St.) COUNTY: BOONE SECTION: 23-00118-00-LS CONTRACT: 85787 ILLINOIS FED. AID PROJECT

SHEET 7 of 17



TEMPORARY CONCRETE

WASHOUT FACILITY - BARRIER WALL

B. JOHNSON

STABILIZED CONSTRUCTION ENTRANCE PLAN

SECTION A-A

SECTION B-B

STABILIZED CONSTRUCTION ENTRANCE PLAN

L = 70' (min)

(Motional)

To Sediment

PLAN VIEW

SIDE ELEVATION

and Class III compaction.

3.Any drainage facilities required because of washing shall be

constructed according to manufacturers specifications.

4.If wash racks are used they shall be installed according to the

1.Filter fabric shall meet the requirements of material specification

Trapping Device.

IL-630 SHEET 2 DF 2

Pavement

- Existing pavement

IL-630

SHEET 1 DF 2

Filter Fabric

Ground

Coarse Aggregate —

Operation.

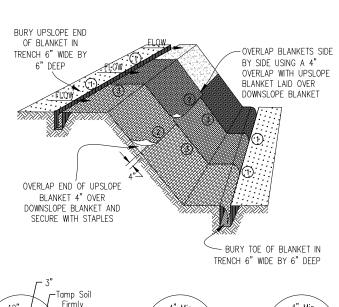
Must Extend Full Width

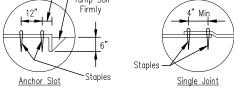
Of Ingress And Egress

LExisting Ground

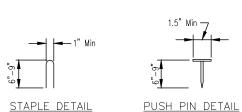
REFERENCE Project Designed Checked

manufacturer's specifications





DETAIL 1 DETAIL 2

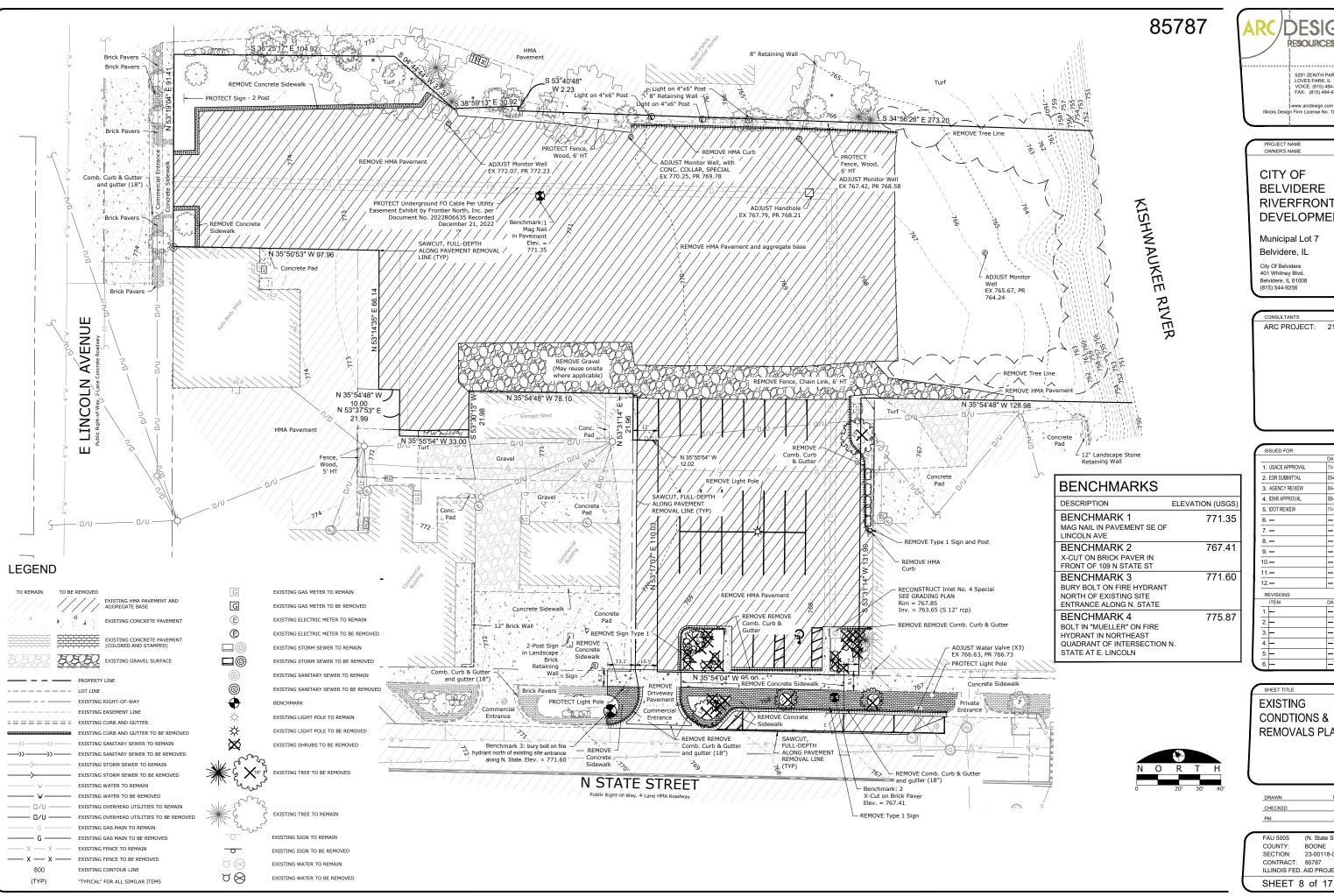


NOTES:

AUTECAD2006

- Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non-stiched shall use 4 staples per s.y. of material. This equates to 200 staples with stiched blanket and 400 stapels with non-stiched blanket per 100 s.y. of material
- 2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
- 3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
- 4. All anchor slots shall be stapled at approximately 12" intervals.







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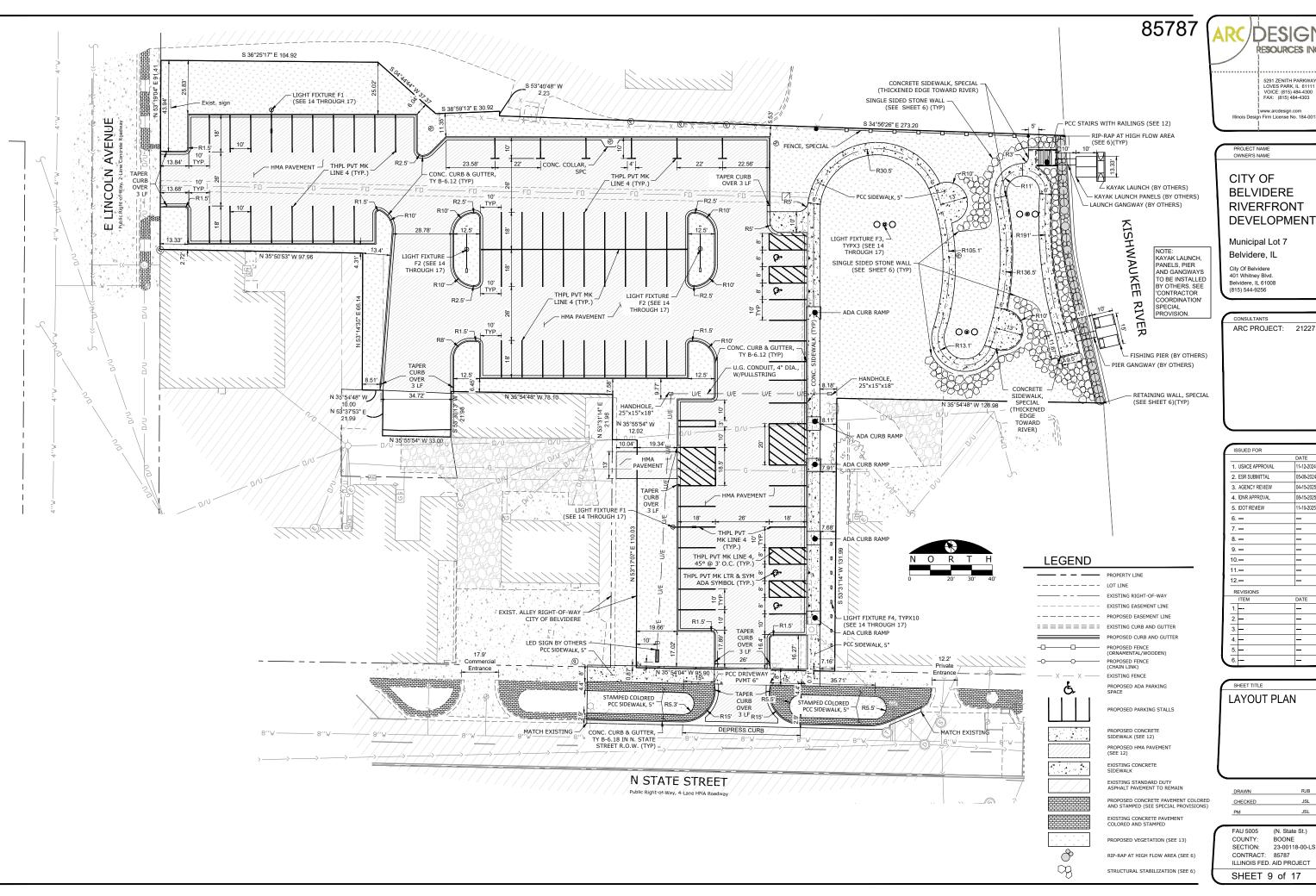
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SHEET TITLE **EXISTING CONDTIONS &** REMOVALS PLAN

CHECKED

FAU 5005 (N. State St.) COUNTY: BOONE

CONTRACT: 85787 ILLINOIS FED. AID PROJECT



RESOURCES INC 5291 ZENITH PARKWAY LOVES PARK, IL 61111 VOICE: (815) 484-4300 FAX: (815) 484-4303 | www.arcdesign.com | Illinois Design Firm License No. 184-00133

> CITY OF BELVIDERE **RIVERFRONT**

Municipal Lot 7

City Of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256

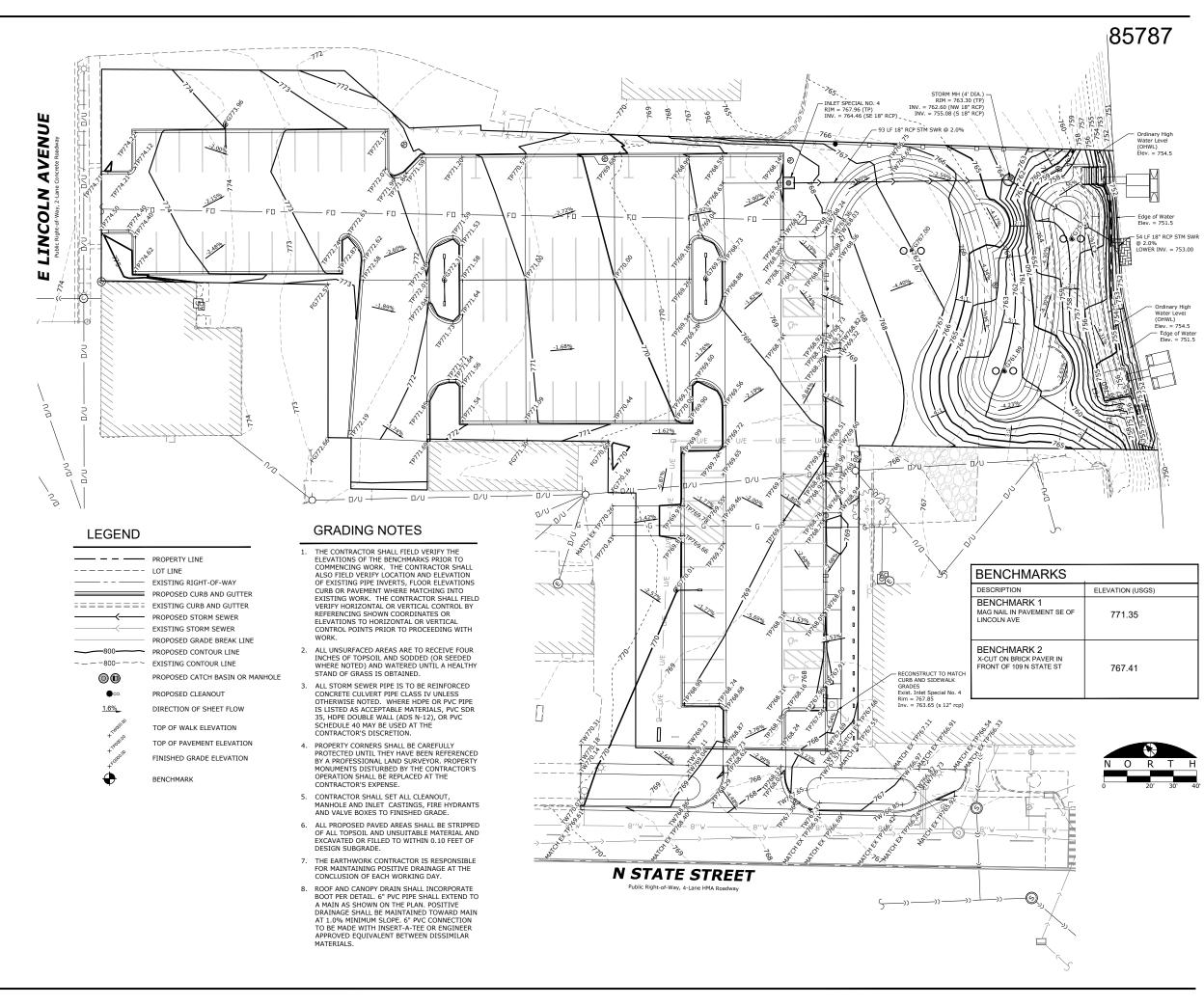
CONSULTANTS ARC PROJECT: 21227

ISSUED FOR 1. USACE APPROVAL 11-12-2024 2. ESR SUBMITTAL 05-08-2024 3. AGENCY REVIEW 04-15-2025 4 IDNR APPROVAL 08-15-2025 11-10-2025 5. IDOT REVIEW

SHEET TITLE LAYOUT PLAN

CHECKED

FAU 5005 (N. State St.) COUNTY: BOONE SECTION: CONTRACT: 85787 ILLINOIS FED. AID PROJECT





CITY OF BELVIDERE

RIVERFRONT DEVELOPMENT Municipal Lot 7

City Of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256

Belvidere, IL

CONSULTANTS

ARC PROJECT: 21227

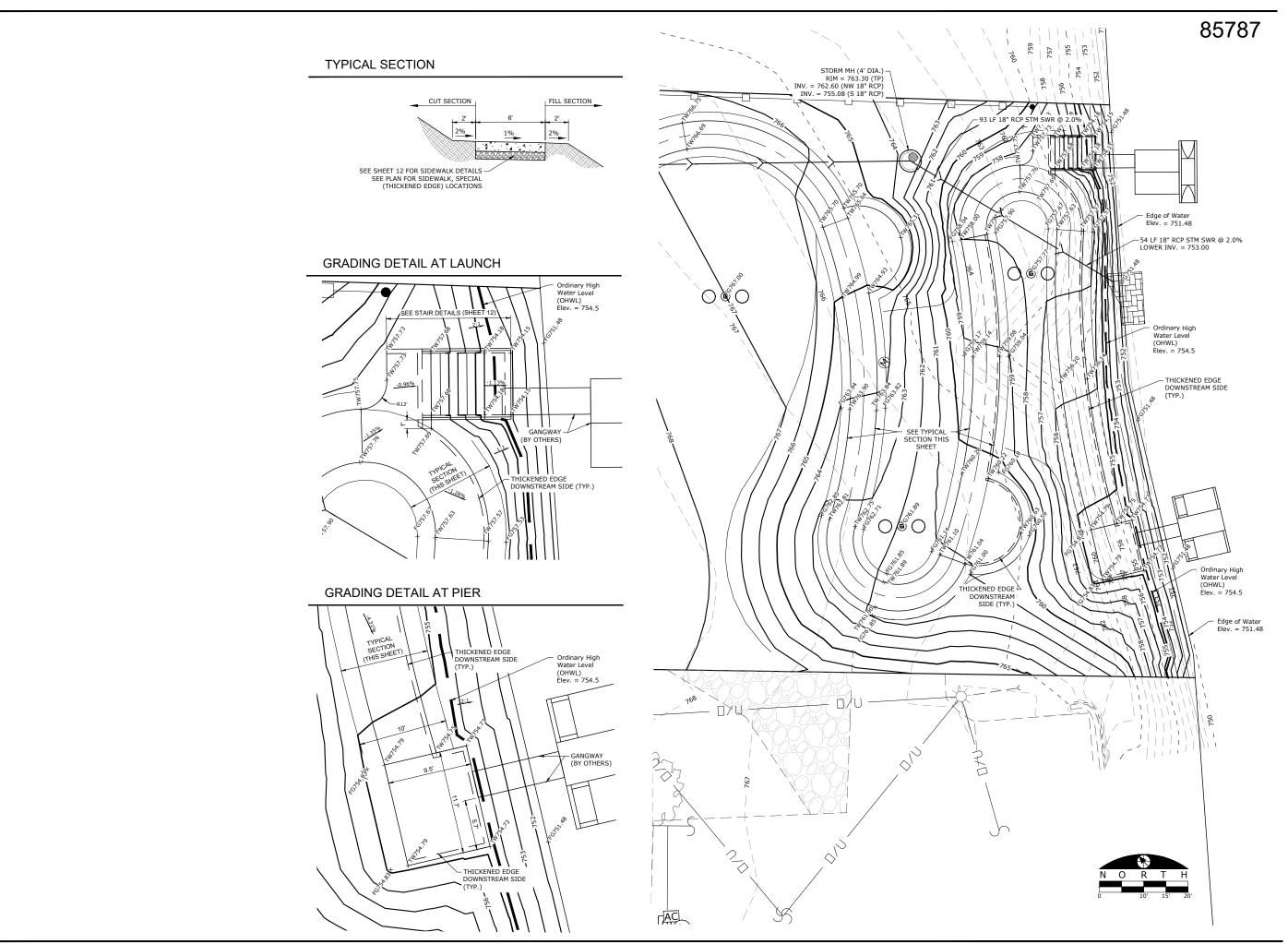
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SHEET TITLE **GRADING PLAN**

CHECKED

FAU 5005 (N. State St.) COUNTY: BOONE CONTRACT: 85787 ILLINOIS FED. AID PROJECT

SHEET 10 of 17





PROJECT NAME

CITY OF BELVIDERE RIVERFRONT DEVELOPMENT

Municipal Lot 7 Belvidere, IL

City Of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256

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GRADING PLAN DETAIL

DRAWN	BC
CHECKED	JSL
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FAU 5005 (N. State St.)

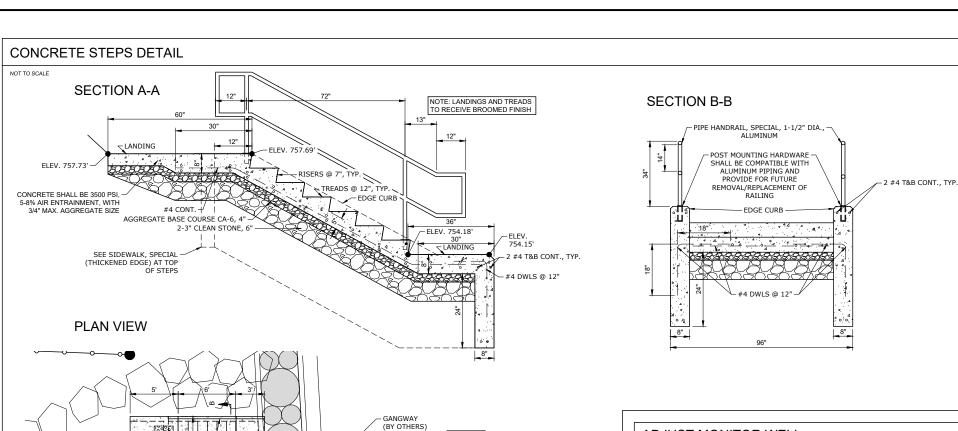
COUNTY: BOONE

SECTION: 23-00118-00-LS

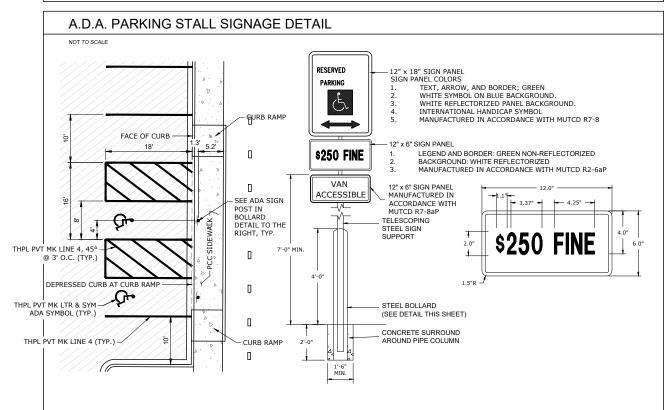
CONTRACT: 85787

ILLINOIS FED. AID PROJECT

SHEET 11 of 17

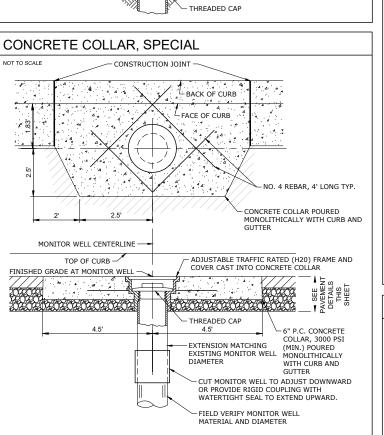


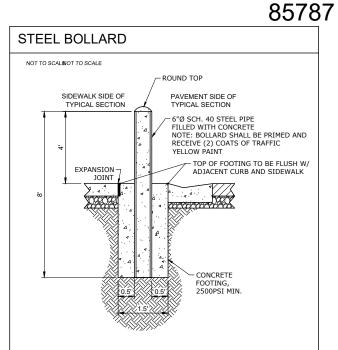
ADJUST MONITOR WELL NOTE. USE THIS DETAIL TO ADJUST MONITORING WELLS IN LANDSCAPED AREAS. USE 'ADJUST MONITORING WELL, SPECIAL DETAIL' FOR MONITOR WELLS IN PAVEMENT. ADJUSTABLE TRAFFIC RATED (H20) FRAME AND COVER CAST INTO CONCRETE COLLAR — SEE LANDSCAPE PLAN FOR GROUND FINISHED GRADE AT MONITOR WELL COVER. SLOPE FINISHED GRADE TO DRAIN AWAY FROM MONITOR WELL THREADED CAP



DETECTABLE WARNING, 2'x3' -

PIPE HANDRAIL, SPECIAL, 1-1/2" DIA.





CONCRETE SIDEWALK DETAIL

NOT TO SCALE

TOOLED JOINTS SHALL BE 1/4 D AND SHALL BE SPACED EQUAL TO W (MAX) AND SHALL DIVIDE PANELS EQUALLY.

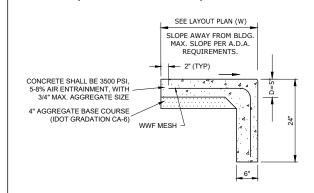
EXPANSION JOINTS SHALL BE 3/4" BITUMINOUS IMPREGNATED FIBERBOARD ALONG THE PERIMETER OF THE SIDEWILK PANEL WERE PROPOSED SIDEWALK IS FLUSH WITH ADJACENT EXISTING CONCRETE.

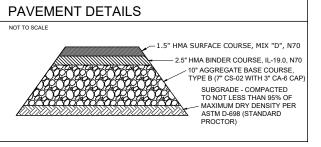
SIDEWALK RAMPS AT DRIVES SHALL BE BUILT ACCORDING TO IDOT STANDARDS

WWE MESH SHALL BE 6 X 6 -10/10 CONTINUOUS WELDED WIRE

USE LIGHT BARN BROOM FINISH WITH 4" RETOOLED JOINTS AND EDGES. SIDEWALK SHALL BE 8" THROUGH ALL DRIVEWAYS. SEE LAYOUT PLAN (W) SLOPE AWAY FROM BLDG. MAX. SLOPE PER A.D.A. REQUIREMENTS. 2" (TYP) 4 4 4 4 CONCRETE SHALL BE 3500 PSI. Ī0 5-8% AIR ENTRAINMENT, WITH 3/4" MAX. AGGREGATE SIZE 4" AGGREGATE BASE COURSE (IDOT GRADATION CA-6)

SPECIAL (THICKENED EDGE)







PROJECT NAME OWNER'S NAME

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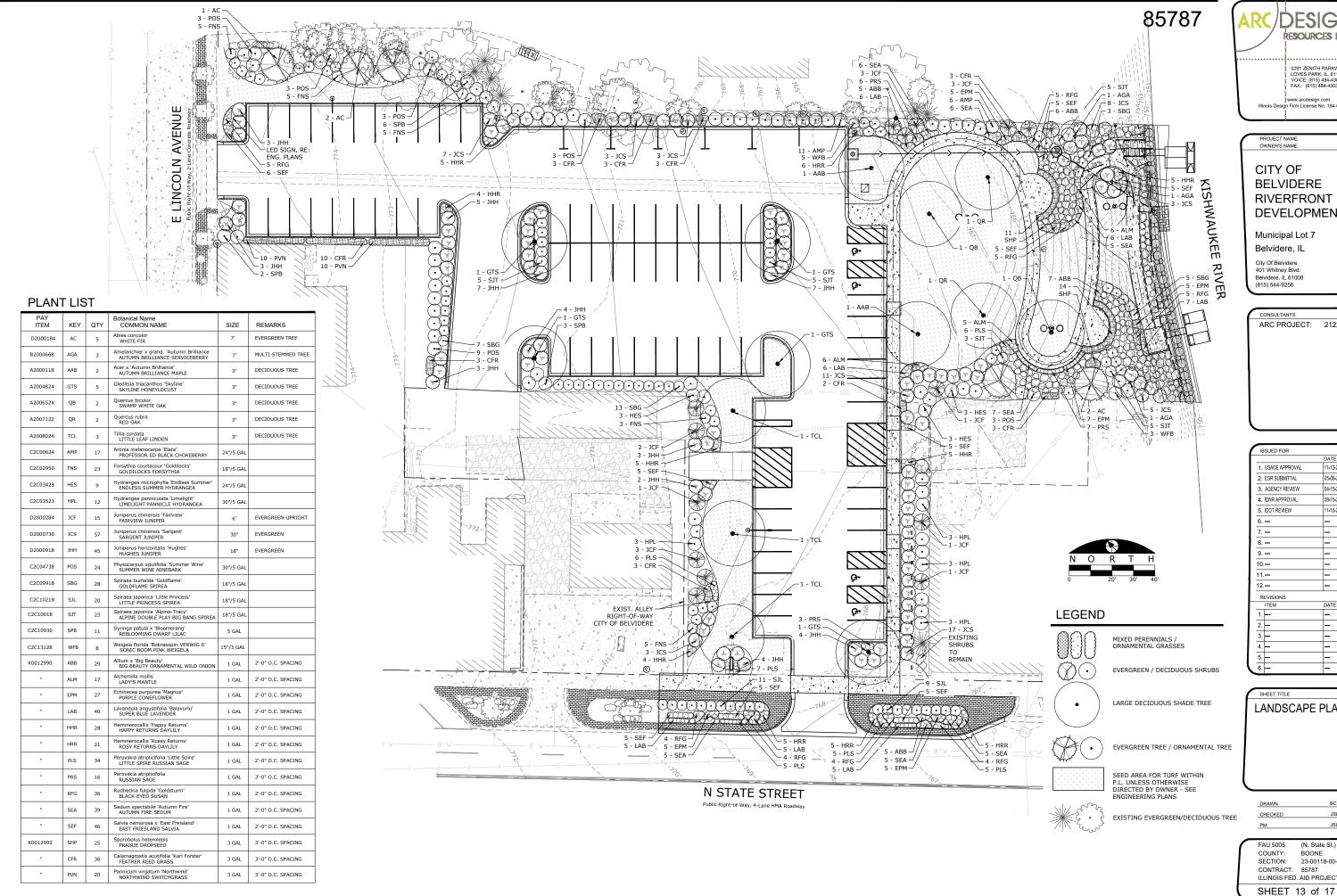
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RJB
JSI
JSL

FAU 5005 (N. State St.) COUNTY: BOONE CONTRACT: 85787 ILLINOIS FED. AID PROJECT SHEET 12 of 17





CITY OF BELVIDERE RIVERFRONT DEVELOPMENT

Municipal Lot 7 Belvidere, IL

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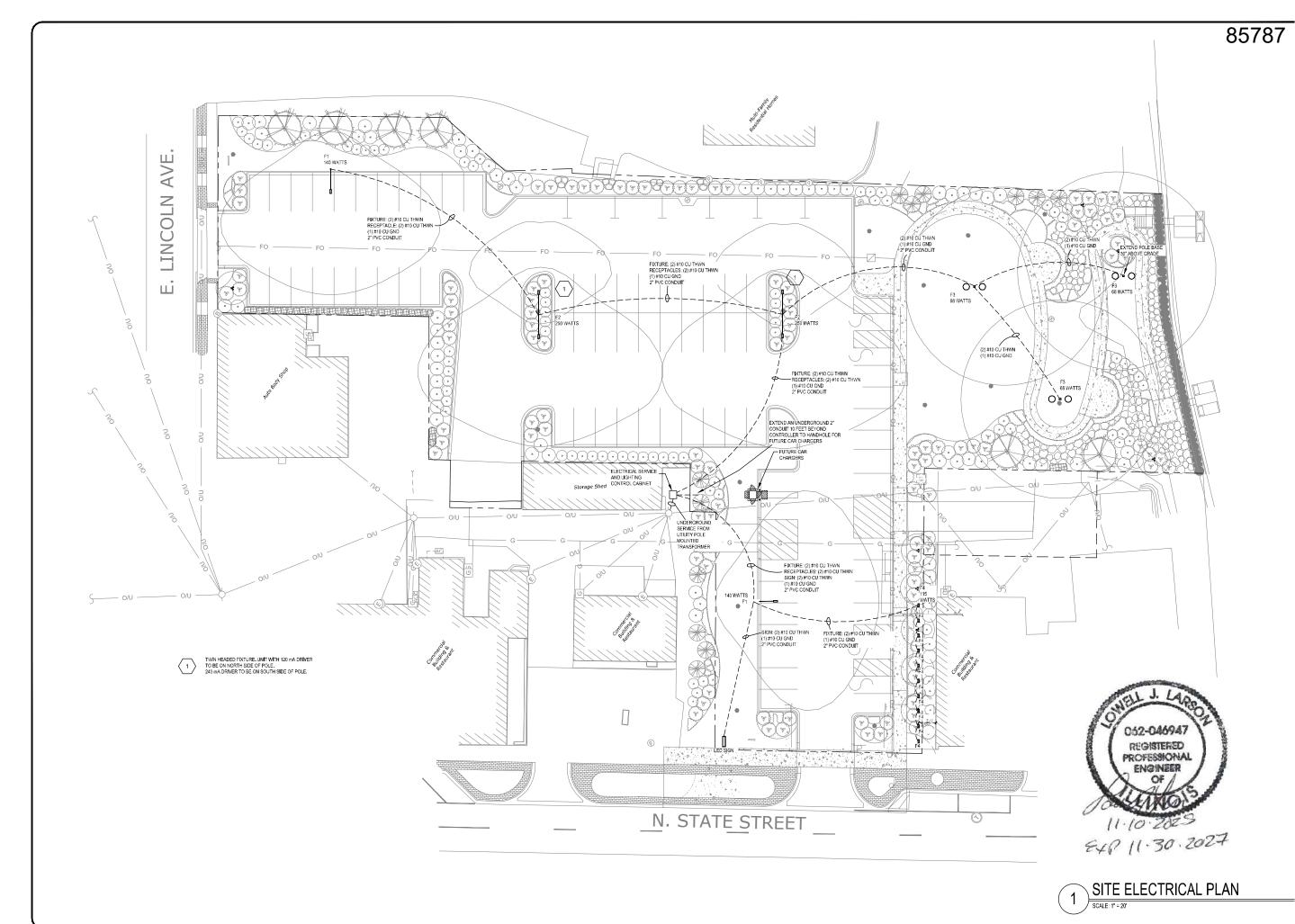
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4. IDNR APPROVAL	08-15-2025
5. IDOT REVIEW	11-10-2025
6. -	-
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REVISIONS	
ITEM	DATE
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SHEET TITLE LANDSCAPE PLAN

CHECKED

FAU 5005 (N. State St.) COUNTY: BOONE CONTRACT: 85787 ILLINOIS FED. AID PROJECT



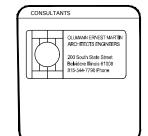


OWNER'S NAME

CITY OF BELVIDERE RIVERFRONT DEVELOPMENT

Municipal Lot 7 Belvidere, IL

City of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256



0-2025
0-2025
E

SHEET TITLE
SITE ELECTRICAL
PLAN

SHEET NUMBER SE-101

DRAWN	OEMA
CHECKED	OEMA
PM	

FAU 5005 (N. State St.)
COUNTY: BOONE
SECTION: 23-00118-00-LS
CONTRACT: 85787
ILLINOIS FED. AID PROJECT

SHEET 14 of 17

 $_{2}^{0.0}$ $_{2}^{0.0}$ $_{2}^{0.0}$ $_{2}^{0.0}$ $_{2}^{0.2}$ $_{3}^{0.2}$ $_{2}^{0.2}$ $_{3}^{0.2}$ $_{2}^{0.2}$ $_{3}^{0.2}$ $_{4}^{0.2}$ $_{4}^{0.2}$ $_{4}^{0.2}$ $_{4}^{0.2}$ $_{2}^{0.1}$ $_{2}^{0.1}$ $_{2}^{0.1}$ $_{2}^{0.1}$ $_{2}^{0.1}$ $_{2}^{0.0}$ $_{2$ 2.02 + 0.2 + 0.2 + 0.2 + 0.6 + 0.8 + 0.8 + 0.8 + 0.8 + 0.8 + 0.2 $0.6 \mid 0.8 \mid (1.0 \mid 1.4 \mid 1.7 \mid 2.0 \mid 2.2 \mid 2.2 \mid 2.2 \mid 2.2 \mid 2.3 \mid 2.3 \mid 2.1 \mid 1.9 \mid 1.7 \mid 1.7 \mid 1.7 \mid 1.7 \mid 1.7 \mid 1.7 \mid 1.8 \mid 1.8 \mid 1.8 \mid 1.7 \mid 1.5 \mid 1.3 \mid 1.2 \mid 1.1 \mid 1.1 \mid 1.1 \mid 1.1 \mid 1.2 \mid 1.3 \mid 1.4 \mid 1.5 \mid 1.5 \mid 1.5 \mid 1.5 \mid 1.5 \mid 1.5 \mid 1.3 \mid 1.3$ _0.6 | [0.8 | 1.0 _ 1.2 _ 1.4 _ 1.7 _ 1.9 _ 1.9 _ 2.0 _ 1.9 _ 1.8 _ 1.8 _ 1.8 _ 1.8 _ 1.8 _ 1.8 _ 1.8 _ 1.9 _ 2.0 _ 2.2 _ 2.3 _ 2.3 _ 2.3 _ 2.1 _ 1.9 _ 1.6 _ 1.4 _ 1.3 _ 1.3 _ 1.4 _ 1.6 _ 1.8 _ 2.0 _ 1.3 _ 1.9 _ 1.7 _ | 1.3 _ 1.3 _ 1.4 _ 1.3 _ 1.3 _ 1.4 _ 1.4 _ 1.3 _ 1.3 _ 1.2 _ 4.2 _ 1.0 _ 1.4 _ 1.4 _ 1.3 _ 1.2 _ 1.2 _ 1.0 _ 1 2.5 \\ 0.0 \\ 2.8 \\ 2.9 \\ 2.4 \\ 9 \\ 1.5 \\ 1\5 \\ 1.4 \\ 1.4 \\ 1.14 \\ 1.14 \\ 1.10 \\ 0.9 \\ 1.3 \\ 1\5 \\ 1.5 \\ 1.5 \\ 1.5 \\ 1.4 \\ 1.10 \\ 1.9 | 2.0 | 2.3 | 2.8 | 3.4 | 3.5 | 3.3 | 2.6 | 2 1 | 1.7 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 _1.5 || 2.0 _ 2.6 _ 3.1 _ 3.3 = 3.4 _ 3.4 _ 3.1 _ 2.7 _ 2.4 _ 2.7 _ 2.2 _ 2.5 _ 2.9 _ 3.3 _ 3.5 = 2.9 _ 3.4 _ 3.1 _ 2.6 _ 2.1 _ 1 1 1 1 1.6 _ 1.6 _ 1.6 _ 1.8 _ 1.9 _ 1.7 . 1.8 . 1.7 . 1.6 . 1.5 . 1.5 . 1.6 . 1.8 . 2.0 . #.2 . 2.0 . 2.2 . 2.0 . 1.7 . 1.4 \| 1.2 . 1.1 . 1.0 . 0.9 . 1.0 . _0.0 _0.0 _0.1 _0.1 _0.1 _0.1 _0.1 _0.2 _0.3 _0.3 _0.4 _0.5 _0.\$ _0.\$ _0.\$ _0.\$ _0.9 _1.0 _1.2 _1.3 _1.2 _1.2 _1.1 _1.1 _1.1 _1.1 _1.1 _1.2 _1.3 _1.2 _1.7 _1.1 | 1.7 1.6 1.4 1.2 _0.8 _0.9 _1.1 _1.3 _1.4 _1.4 _1.3 _1.2 _1.0 _0.8 _0.6 _0.5 _0.5 _0.6 _0.8 _1.0 _1.0 _1.0 _1.1 _1.0 _0.8 _0.5 _0.5 _0.3 _0.2 _0.1 _0.1 0.2 0.4 0.7 *|* 1.1 | 1.6 | 2.1 | 2.3 | 2.1 0.5 0.8 1.3 1.8 1.8 $20.0 \pm 0.0 \pm 0.0$ 200 - 200

85787

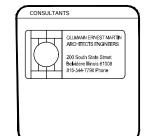


PROJECT NA

CITY OF BELVIDERE RIVERFRONT DEVELOPMENT

Municipal Lot 7 Belvidere, IL

City of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256



ISSUED FOR	
	DATE
1. IDOT REVIEW	11-10-2025
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REVISIONS	
ITEM	DATE
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4	
5	
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SHEET TITLE

SITE
PHOTOMETRIC
PLAN

SHEET NUMBER SE-102

OEMA
OEMA

FAU 5005 (N. State St.)
COUNTY: BOONE
SECTION: 23-00118-00-LS
CONTRACT: 85787
ILLINOIS FED. AID PROJECT

SHEET 15 of 17

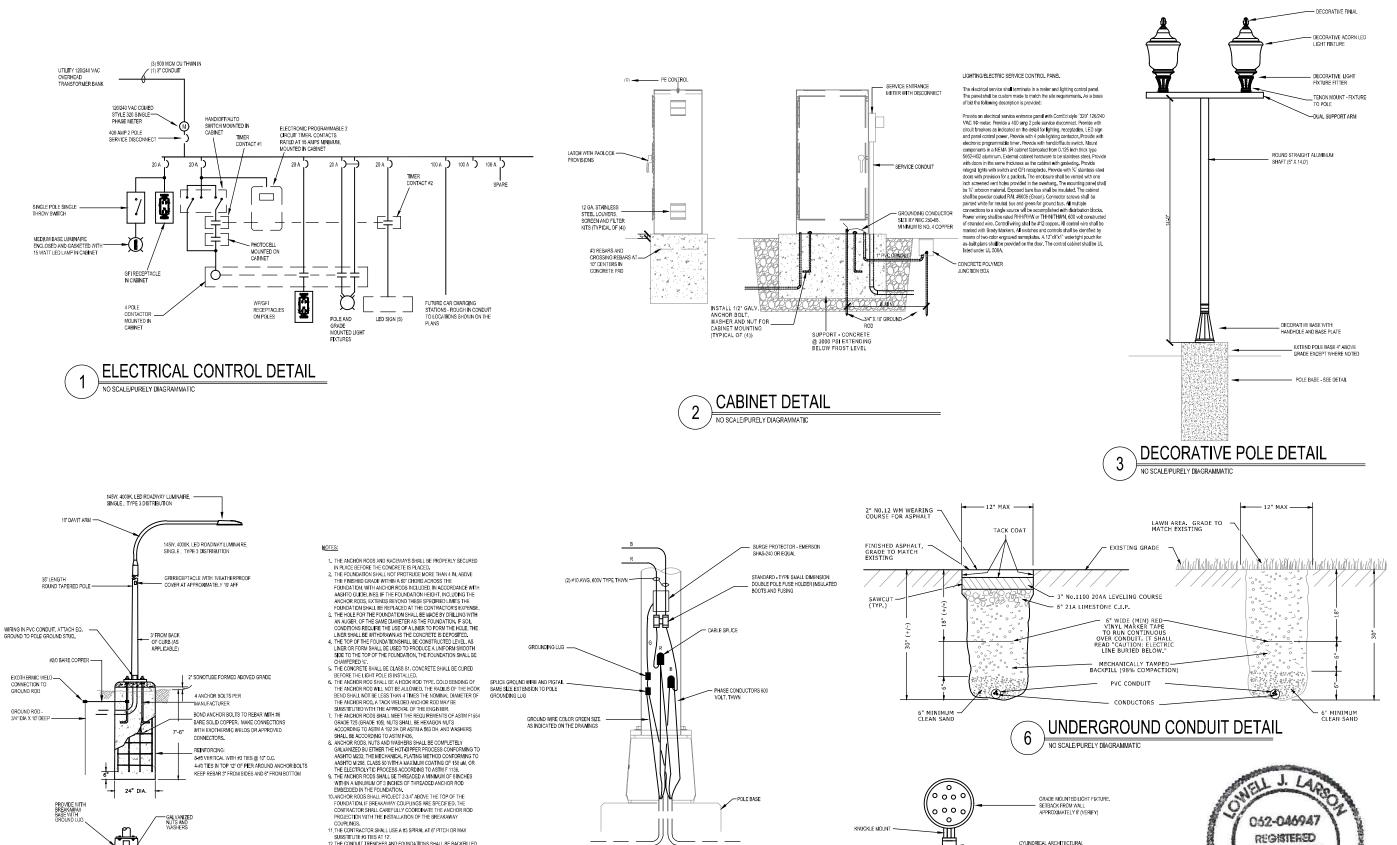
840 11.30.2027

SITE PHOTOMETRIC PLAN

052-046947

REGISTERED PROFESSIONAL

ENGINEER OF



LIGHT POLE WIRING DETAIL

4 ANCHOR BOLTS PER MANUFACTURER BOND ANCHOR BOLTS TO REBAR WITH #6 BARE SOLID COPPER, MAKE CONNECTIONS WITH EXOTHERMIC WELDS OR APPROVED

CONNECTORS.

REINFORCING

8-#5 VERTICAL WITH #3 TIES @ 10" O.C. 4-#3 TIES IN TOP 12" OF PIER AROUND ANCHOR BOLTS

SUBSTITUTE #3 TIES AT 12?

12. THE CONDUIT TRENCHES AND FOUNDATIONS SHALL BE BACKFILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS

ERECTED,

13. THE RACEWAYS SHALL PROJECT 1" ABOVE THE TOP OF THE FOUNDATION.

KEEP REBAR 3" FROM SIDES AND 6" FROM BOTTOM

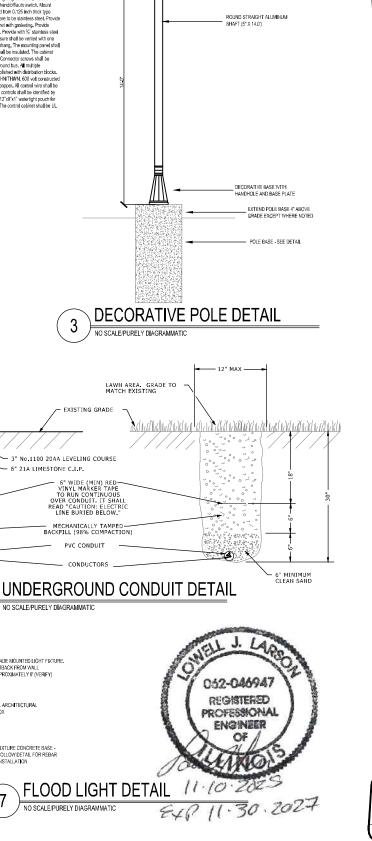
7'-6"

SONOTUBE FORMED

AT LANDSCAPE ABOVE GRADE

NO SCALE/PURELY DIAGRAMMATIC

LIGHT POLE DETAIL



GRADE MOUNTED LIGHT FIXTURE APPROXIMATELY 8' (VERIFY)

FIXTURE CONCRETE BASE FOLLOW DETAIL FOR REBAR INSTALLATION

CYLINDRICAL ARCHITECTURAL

85787

RESOURCES INC

5291 ZENITH PARKWAY LOVES PARK, IL 61111 VOICE: (815) 484-4300 FAX: (815) 484-4303

www.arcdesign.com
Illinois Design Firm License No. 184-001334

CITY OF **BELVIDERE RIVERFRON**

Belvidere, IL

City of Belvidere 401 Whitney Blvd

CONSULTANTS

ISSUED FOR

1. IDOT REVIEW

8. ---

10.---

12.---

OLLMANN ERNEST MARTIN ARCHITECTS ENGINEERS

200 South State Street Behildere Illinois 61008 815-544-7790 Phone 815-544-7792 Fax

11-10-2025

Belvidere, IL 6100 (815) 544-9256

DEVELOPMENT Municipal Lot 7

SHEET TITLE **ELECTRICAL DETAILS** SHEET NUMBER

SE-201

FAU 5005 (N. State St.) COUNTY: BOONE 23-00118-00-LS CONTRACT: 85787 ILLINOIS FED. AID PROJECT

SHEET 16 of 17



PROJECT NAME

CITY OF BELVIDERE RIVERFRONT DEVELOPMENT

Municipal Lot 7 Belvidere, IL

City of Belvidere 401 Whitney Blvd. Belvidere, IL 61008 (815) 544-9256

$\overline{\mathcal{A}}$	LLMANN ERNEST MARTIN RCHITECTS ENGINEERS
	XX South State Street elvidere Illinois 61008 15-544-7790 Phone 15-544-7792 Fax

ISSUED FOR	1		
	DATE		
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REVISIONS			
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SHEET TITLE

ELECTRICAL

SCHEDULES

SHEET NUMBER SE-301

OEMA
OEMA

FAU 5005	(N. State St.)
COUNTY:	BOONE
SECTION:	23-00118-00-LS
CONTRACT:	85787
ILLINOIS FED.	AID PROJECT
SHEET 1	l7 of 17

FIXTURE SCHEDULE - VERIFY PART NUMBERS WITH MANUFACTURER

	FIXTURE	LAMPSIZE AND TYPE	MOUNTING	MANUFACTURER	COMMENTS
LT P GS 35MH 10MA LUMINAIRE, LED, TYPE 3 SPECIAL	F1	INTEGRAL 3000K 12000 LUMEN LED	POLE	FIXTURE:E0I LED CRLM-A48-L120-UD-3M-30-BZ-20V-16-14A1FS-EB POLE:KW RTSD35-14.0-7-BRZ-10DA-XHH-WPRPW/DECORATIVE BASE	EXTERIOR POLE MOUNTED LIGHT FIXTURE HEAVY-DUTY LOW COPPER DIE CAST ALUMINUM HOUSING AND DOOR SLIPFI-TTER WITH -5, -2.5, 0, +2.5, +5 DE GREE OF ADJUSTMENT FOR LEVELING STAND ARD TWO-BOLT/ ONE-BRACKET SLIP-TTER PROVIDES 3G VIBRATION RATING PER ANSI C136,31-2018. OPTION ALFOUR-BOLT/ TWO-BRACKET SLIP-FITTER AVAILABLE TOOL-LESS ENTRY FOR EASY INSTALLATION AND MAINTENANCE. 120-277V 50/60HZ OPERATION; STAND ARD 1-10V DIMMING; 20K V/10KA SPD OPTION MEETS LEEF/ANSI C62, 412 LOCATION CATEGORY CHIGH, ANSI C136,2-2015 EXTREME LEVEL. 35 FOOT 14" DIAMETER ROUND TAPERED STEEL POLE WITH 10' DAVIT ARM, DECORATIVE CLAM SHELL BASE WITH (2) ACCESS DOORS. INTEGRAL WP/GFIRE CEPTACLE. BRONZE FINISH.
LIGHT POLE (SPECIAL) LUMINAIRE, LED, TYPE 3 SPECIAL	F2	INTEGRAL 3000K 12000 LUMEN LED	POLE	FIXTURE:E0I LED CRLM-A48-L120-UD-3M-30-BZ-20V-76-14A/FS-EB POLE: KWRTSD 14-140-7-BRZ-10DA-XHH-WPRP	EXTERIOR POLE MOUNTED LIGHT FIXTURE HEAVY-DUTY LOW COPPER DIE CAST ALUMINUM HOUSING AND DOOR. SLIPFITTER WITH-5, -2.5, 0, +2.5, +5 DEGREE OF ADJUSTMENT FOR LEVELING STAND ARD TWO-BOLT/ONE-BRACKET SLIP-TITER PROVIDES 3G VIBRATION RATING PER ANSICISS.31-2018. OPTION ALFOUR-BOLT/TWO-BRACKET SLIP-FITTER AVAILABLE TOOL-LESS ENTRY FOR EA SY INSTALLATION AND MAINTEN NANCE. 120-277V 50/60HZ OPERATION; STAND ARD 1-10V DIMMING; 20K V/10KA SPD OPTION MEETS IEEE/ANSI C62.412 LOCATION CATEGORY CHIGH, ANSICIS62-2015 EXTREME LEVEL. 35 FOOT 14"DIAMETER ROUND TAPERED STEEL POLE WITH 10" DAVIT ARM, DECORATIVE CLAM SHELL BASE WITH(2) ACCESS DOORS. INTEGRAL WP/GFI RE CEPTACLE. BRONZE FINISH.
LIGHT FIXTURE ASSEMBLY - TYPE B	F3	INTEGRAL 32 LED 350 mA 4000 K LED	POLE	FIXTURE: SUN V ALLEY LIGHTING (2) LAE S-Y P/PA2-III-32LED-350mA-40K-240 2-180-RAL-8019-T//OF/DF/BF POLE: 1050/ATR-2/4400SB-A	DOCORATIVE TWIN ACORN WALKWAY FIXTURES - ONE PIE CE HIGHIMPACT CLE AR ACR YLICLINE AR PRISMATIC DIFFUSING GLOBE PROVIDED WITHD URABLE CORROSION RESISTANT CAST ALUMINUM FITTER. STANDARD FITTER HAS 31 ID. OPENING FOR 2881 OD TENON. ALL HARDWARE IS STAINLESS STEEL. LUMINAIRE IS UL © LISTED FOR WET LOCATION. THREE-DIMENSIONAL ARRAY OF INDIVID VALUED TUBES FASTENED TO RETAINING PLATES. A CRYLIC TUBE LENS WITH TYPE 3 DISTRIBUTION. DECORATIVE BASE FITTER AND FINIAL. DOUBLE FUSE. 14 FO OT ROUND ALUMINUM WITH DUAL ARM MOUNT AND DE CORATIVE BASE. DARK BRONZE FINISH. 68 INPUT WATTS
LIGHT FIXTURE ASSEMBLY - TYPE A	F4	INTEGRAL 12545 4000K LED	GRADE	FIXTURE: HYDREL SAF14LED-P3-80CR1-40K-MVOLT-40DEG-CWL-YM-CAJB- CSL10-ZT-BL	LED SPECIALTY ARCHITECTURAL FLOOD LIGHT. DIE CAST COPPER-FREE ALUMINUM HOUSING AND DOORS WITH SE PARATE OPTICAL AND DRIVER COMPARTMENTS. 4000K LED S. MULTI-VOLT DRIVER. 40 DE GREE FLOOD DISTRIBUTION. CLEAR WATERSHED LEN S. Y OKE MOUNTED TO CYLINDICAL ARCHITECTURAL JUNCTION BOX WITH SEALED CORDSET. DIMMING TO 1% OUTPUT. BLACK FINISH. 115 INPUT WATTS

