

City of Galesburg

PARK PLAZA AND PARKING LOT E

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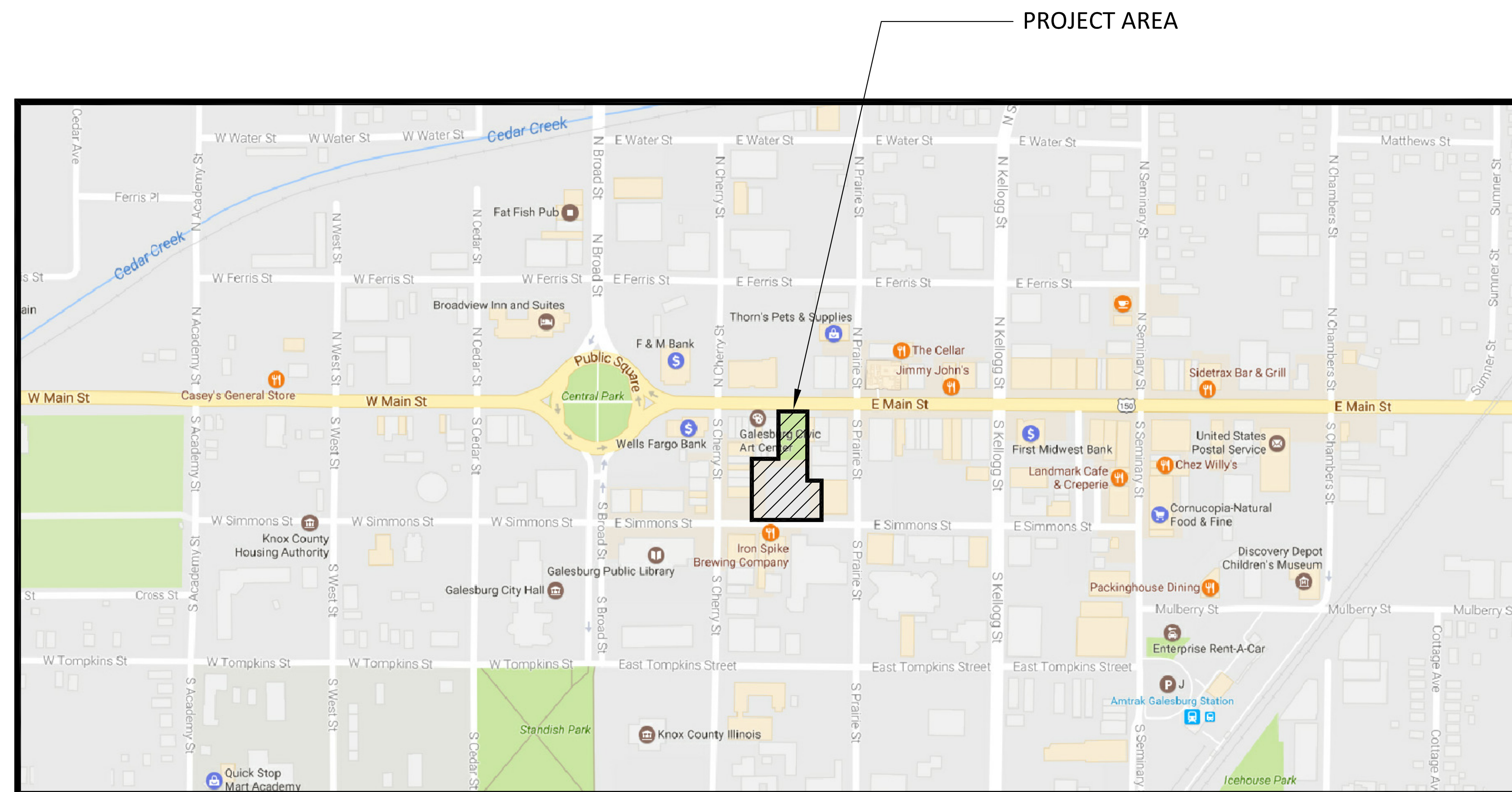
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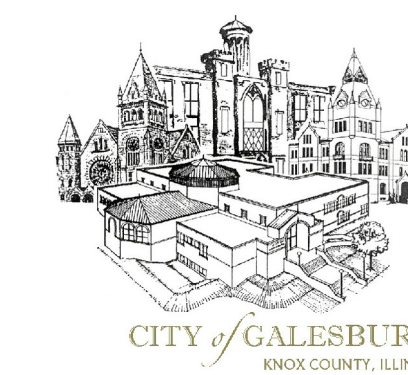
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ISSUED FOR BIDDING
Plan Date 10-22-2018

NOTES:

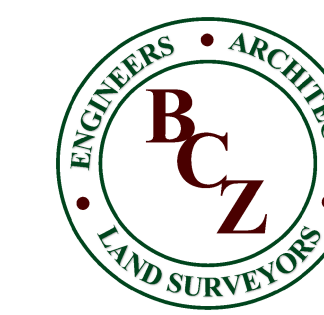
CONTRACTOR TO CONTACT J.U.L.I.E. (1-800-892-0123) BEFORE DIGGING TO LOCATE UNDERGROUND UTILITIES.
ALL UTILITY LOCATIONS ARE PER UTILITY AND CITY OF GALESBURG RECORD DRAWINGS. SPECIFIC LOCATIONS WERE NOT EXCAVATED FOR FIELD VERIFICATION.



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**GALESBURG
GENERAL NOTES**

- UNDERGROUND WATER, GAS, TELEPHONE, SEWER & ELECTRICAL UTILITY INFORMATION SHOWN ON THESE PLANS WAS COMPILED FROM PREVIOUS SITE PLANS, UTILITY COMPANY MAPS, AND FIELD LOCATION OF VISIBLE STRUCTURES SUCH AS MANHOLES, VALVES, JUNCTION BOXES, ETC. RESPECTIVE UTILITY COMPANIES SHOULD BE CONTACTED FOR EXACT LOCATIONS. THE J.U.L.I.E. TELEPHONE NUMBER IS 1-800-892-0123.
- UTILITY COMPANIES:
 - ELECTRIC & GAS: AMEREN
JULIE CONE
309/345-5169
 - CABLE TV: COMCAST
KIRT KROMPHARDT
224/229-3131
 - TELEPHONE: CENTURYLINK
DARRELL SCHMIDT
309/477-0256
 - SANITARY: GALESBURG SANITARY DISTRICT
MARSHALL SCHRADER
309/342-0131
 - WATER: CITY OF GALESBURG WATER DEPT.
TIM FEY
309/345-3648
 - ELECTRIC: CITY OF GALESBURG ELECTRICIAN
JUSTIN MCNAUGHT
309/345-3623
 - FIRE PROTECTION: CITY OF GALESBURG FIRE CHIEF
TOM SIMKINS
309/345-3756
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL STATE AND LOCAL ORDINANCES AND SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO INITIATING CONSTRUCTION.
- AT ALL UTILITY CROSSINGS PROVIDE SELECT COMPACTED BACKFILL TO ONE FOOT OVER THE TOP OF THE EXISTING UTILITY. COORDINATE IN ADVANCE WITH THE APPROPRIATE UTILITY COMPANY REGARDING OTHER REQUIREMENTS.
- ANY PROPERTY DAMAGE OUTSIDE OF EASEMENTS AND RIGHT-OF-WAY LINES SHALL BE REPLACED TO ORIGINAL OR BETTER CONDITION BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THIS CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION".
 - "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", LATEST EDITION, ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION AND THE ILLINOIS SUPPLEMENT TO THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", LATEST EDITION.
 - "ILLINOIS URBAN MANUAL", LATEST EDITION.
 - "CITY OF GALESBURG DEVELOPMENT ORDINANCE", LATEST EDITION.
- THE CONTRACTOR SHALL NOTIFY THE PROPER AUTHORITIES A MINIMUM OF 48 HOURS PRIOR TO CONNECTING TO AN EXISTING STORM SEWER, SANITARY SEWER, OR WATER MAIN.

CONSTRUCTION NOTES

- THE CONTRACTOR SHALL NOTIFY THE OWNERS 48 HOURS PRIOR TO BEGINNING CONSTRUCTION IN FRONT OF BUILDING ENTRANCE.
- THE CONTRACTOR SHALL PLACE AND MAINTAIN 6' CHAINLINK FENCE AROUND WORK AREAS TO KEEP PEDESTRIAN TRAFFIC AWAY FROM HAZARDOUS AREAS.
- THE CONTRACTOR SHALL COORDINATE WITH OWNERS TO PROVIDE ACCESS TO ENTRANCES AT ALL TIMES REQUIRED BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE EXTERIOR OF BUILDINGS DURING DEMOLITION AND CONSTRUCTION.
- THE CONTRACTOR SHALL BE REQUIRED TO OBTAIN ALL RELEVANT CITY PERMITS FOR CONSTRUCTION. THE CITY SHALL WAIVE ALL PERMIT FEES.
- CONSTRUCTION STAKING SHALL BE BY CONTRACTOR.
- CONTRACTOR WILL ONLY WORK ON STAGE 1 ITEMS THIS YEAR AS TO LEAVE THE ENTIRE PARKING LOT AVAILABLE OVER THE WINTER MONTHS.

GRADING & REMOVAL NOTES

- PROPOSED SURFACE GRADE ADJACENT TO ALL EXTERIOR BUILDING WALLS SHALL BE 6" BELOW FINISHED FLOOR ELEVATIONS UNLESS OTHERWISE SPECIFIED BY PROPOSED CONTOURS OR SPOT ELEVATIONS.
- EXCESS DIRT FROM CONSTRUCTION SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR AT SITES PREARRANGED BY THE CONTRACTOR.
- ALL FENCES, DRAIN TILES, WATER MAINS, DRAINAGE DITCHES OR OTHER STRUCTURES WHICH MAY BE SEVERED OR DAMAGED, REMOVED, OR INTERFERED WITH DURING CONSTRUCTION MUST BE REPLACED OR REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN DRAINAGE IN THE AREA DURING CONSTRUCTION. ALL DRAINAGE DITCHES SHALL BE OPEN AT THE END OF EACH DAYS WORK.
- ALL FILL AREAS SHALL BE STRIPPED OF ALL TOPSOIL PRIOR TO PLACING EMBANKMENT MATERIAL. LAWN AREAS THAT HAVE RECEIVED EMBANKMENT MATERIAL SHALL RECEIVE AT LEAST 6" OF TOPSOIL AS THE FINAL COURSE OF FILL IN PREPARATION FOR SEEDING OPERATIONS. ALL LAWN AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED AND RESTORED TO THE SATISFACTION OF THE OWNER.
- NO CONSTRUCTION WASTE MATERIALS WILL BE BURIED ON SITE. ALL TRASH AND CONSTRUCTION DEBRIS WILL BE HAULED TO THE LOCAL MUNICIPAL DUMP AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL SOLID WASTE MANAGEMENT REGULATIONS.
- THE CONTRACTOR SHALL PROVIDE SOLID WASTE COLLECTION DURING CONSTRUCTION TO MINIMIZE POLLUTION.
- ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THESE PROCEDURES DURING CONSTRUCTION.

PAVEMENT & SIDEWALK NOTES

- LONGITUDINAL SLOPE ON ALL SITE SIDEWALKS SHALL NOT EXCEED 4.50%, EXCEPT AT DESIGNATED SIDEWALK RAMP LOCATIONS WHERE SLOPE SHALL NOT EXCEED 8.00%. CROSS SLOPE ON ALL SITE SIDEWALKS SHALL NOT EXCEED 1.50%.
- ALL PROPOSED SITE PLAN DIMENSIONS ARE TO FACE OF CURBS (FOC) UNLESS OTHERWISE NOTED.
- PAINTED PAVEMENT MARKING APPLICATION SHALL BE IN ACCORDANCE WITH SECTION 780 AND MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 1095.02 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

STORM SEWER NOTES

- PROPOSED STORM SEWER LENGTHS INDICATED ON PLANS ARE MEASURED FROM CENTER TO CENTER OF STRUCTURES.
- STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH SECTION 550 OF THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.'
- STORM SEWER INLET AND MANHOLE CONSTRUCTION SHALL BE IN ACCORDANCE WITH SECTION 602 OF THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.'
- POLYVINYL CHLORIDE (PVC) STORM SEWER MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 1040.03 OF THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.'
- HIGH-DENSITY POLYETHYLENE (HDPE) STORM SEWER MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 1040.04 OF THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.'
- REINFORCED CONCRETE (RCP) STORM SEWER MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 1042 OF THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.'
- PRECAST REINFORCED CONCRETE STORM SEWER INLET AND MANHOLE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 1042 OF THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.'

WATERMAIN & SERVICE NOTES

- THE REQUIREMENTS OF ARTICLE 41-2.01 IN THE "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS" FOR HORIZONTAL AND VERTICAL SEPARATION OF (BOTH STORM & SANITARY) SEWERS AND WATER LINES SHALL BE STRICTLY ADHERED TO. THESE REQUIREMENTS APPLY TO THE SERVICE CONNECTIONS AS WELL AS MAIN LINES.
- MINIMUM BURIAL OF WATER MAIN AND SERVICE PIPING SHALL BE 5' FROM FINISH GRADE TO TOP OF PIPE.
- POLYETHYLENE WATER SERVICE PIPE
POLYETHYLENE PIPE SHALL BE SDR 9 ENDOT ENDOPURE OR EQUIVALENT WITH TRACER WIRE CONFORMING TO ASTM D2737.
- STOPS AND FITTINGS
ALL CORPORATION STOPS AND CURB STOPS SHALL BE FABRICATED OF BRASS AND SHALL BE PROVIDED WITH OUTLETS SUITABLE FOR COPPER CONNECTIONS. CURB STOPS SHALL BE OF THE ROUND-WAY TYPE. FITTINGS FOR SERVICE PIPE SHALL BE BRASS AND OF THE COMPRESSION TYPE FOR TYPE K TUBING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PIPING MEASUREMENTS AND LAYOUT AND SHALL VERIFY COMPATIBILITY OF NEW PIPING WITH EXISTING AT FLANGED, MECHANICAL JOINT, PUSH - ON OR THREADED CONNECTIONS, PROVIDING SUITABLE ADAPTORS AS MAY BE REQUIRED. COST OF ANY AND ALL SUCH ADAPTORS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- NEW WATER MAIN SHALL BE PVC PRESSURE PIPE CONFORMING TO AWWA C-900, PRESSURE CLASS 200, DR 18. JOINTS SHALL BE OF THE PUSH-ON TYPE, WITH ELASTOMERIC SEALS CONFORMING TO ASTM F477.
- WATER MAIN FITTINGS SHALL BE OF DUCTILE IRON CONFORMING TO AWWA C110 OR AWWA C153, LATEST EDITION, AND WITH TRANSITION GASKETS AS REQUIRED.
- NEW GATE VALVES SHALL BE RESILIENT WEDGE TYPE IN ACCORDANCE WITH AWWA C515.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LEAKAGE, PRESSURE AND BACTERIOLOGICAL TESTS ON NEW WATER MAIN - SEE SPECIFICATIONS.
- A MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN ALL WATER MAINS AND SEWERS. IF SEPARATION IS NOT POSSIBLE, WATER MAIN ENCASEMENT SHALL BE REQUIRED OR THE SEWER SHALL BE CONSTRUCTED OF WATER MAIN QUALITY PIPE.
- WATER MAINS SHALL CROSS ABOVE SEWERS WITH A MINIMUM VERTICAL SEPARATION OF 18 INCHES WHILE STILL MAINTAINING THE REQUIRED DEPTH OF COVER. IF PROPER SEPARATION IS NOT POSSIBLE, OR IF THE WATER MAIN MUST BE ROUTED UNDER THE SEWER, WATER MAIN ENCASEMENT SHALL BE REQUIRED OR THE SEWER SHALL BE CONSTRUCTED OF WATER MAIN QUALITY PIPE.
- ALL BENDS, TEES, PLUGS, VALVES AND HYDRANTS SHALL BE RESTRAINED JOINT.
- WATER FOR USE IN CONSTRUCTION ACTIVITIES THAT IS OBTAINED FROM CITY FIRE HYDRANTS SHALL BE OBTAINED USING A BACKFLOW PREVENTER THAT IS PROVIDED BY THE CITY WATER DEPARTMENT.
- ALL UTILITY TRENCHES SHALL BE BACKFILLED WITH GRANULAR MATERIAL WHERE THE TRENCH IS UNDER OR WITHIN 2 FEET OF EXISTING OR PROPOSED CURB & GUTTER, SIDEWALK OR PAVEMENT.

BENCHMARKS

Point#	DESCRIPTION
BM #100	CHISELED "+" NE CAP BOLT FIRE HYDRANT NE QUAD CHERRY & SIMMONS STREET (TOP SET OF CAP BOLTS) ELEVATION=772.85
BM #101	CHISELED "+" SE CAP BOLT FIRE HYDRANT @ IRON SPIKE S SIDE SIMMONS STREET (TOP SET OF CAP BOLTS) ELEVATION=772.94
BM #102	CHISELED "+" SW CAP BOLT FIRE HYDRANT N END OF PARKING LOT (TOP SET OF CAP BOLTS) ELEVATION=771.15
BM #103	CHISELED "□" IN CONCRETE NE CORNER TOP OF WALL ELEVATION=773.58
BM #104	CHISELED "+" NE CORNER HANDHOLE BEHIND MERLE NORMAN COSMETICS. ELEVATION=769.53
BM #105	W. CAP BOLT FIRE HYDRANT NE QUAD OF SIMMONS STREET & PRAIRE STREET ELEVATION=773.02

CONTROL POINTS

Point#	Northing	Easting	Description
CP #1	1558732.94	2240729.79	SET MAG NAIL
CP #2	1558975.37	2240763.79	SET MAG NAIL
CP #3	1559048.08	2240771.56	SET MAG NAIL
CP #4	1558727.91	2240536.18	FOUND CROW FOOT
CP #5	1558660.26	2240733.54	FOUND DRILL HOLE
CP #6	1558658.34	2240931.46	FOUND 3/4" IRON PIPE
CP #7	1558858.02	2240633.11	SET LAND SURVEY SPIKE
CP #8	1558954.17	2240813.58	CUT "X" IN CONCRETE
CP #9	1558954.37	2240857.17	SET LAND SURVEY SPIKE
CP #10	1558912.26	2240751.50	SET MAG NAIL
CP #16	1558717.21	2240920.58	SET LAND SURVEY SPIKE
CP #32	1558770.447	2241065.86	TOP OF LAND SURVEY SPIKE

LEGEND

	EXISTING BITUMINOUS SURFACE		PROPOSED BITUMINOUS SURFACE
	EXISTING CONCRETE SURFACE		PROPOSED CONCRETE SURFACE
	EXISTING AGGREGATE SURFACE		PROPOSED AGGREGATE SURFACE
	EXISTING BRICK SURFACE		PROPOSED BRICK SURFACE
	EXISTING BUILDING		PROPOSED BUILDING
	EXISTING SUBGRADE		PROPOSED SUBGRADE
	EXISTING RIPRAP SURFACE		PROPOSED RIPRAP SURFACE

EXISTING

	SURVEY CONTROL POINT
	CONCRETE MONUMENT
	IRON ROD
	3/4" X 30" REBAR SET
	MAGNETIC NAIL SET
	MANHOLE
	STORM INLET OR CATCH BASIN
	STORM SEWER
	SANITARY SEWER
	SANITARY SERVICE
	SANITARY CLEANOUT
	WATER SPIQUOT
	FIRE HYDRANT
	WATER VALVE
	WATER MAIN
	WATER SERVICE
	GAS METER
	GAS LINE
	GAS SERVICE
	GAS VALVE
	GAS LINE
	GAS SERVICE
	UTILITY POLE & GUY WIRE
	ELECTRIC JUNCTION
	ELECTRIC JUNCTION BOX
	LIGHT ON POLE
	UNDERGROUND TELEPHONE
	TELEPHONE SERVICE
	TELEPHONE JUNCTION BOX
	TELEPHONE MANHOLE
	AIR CONDITIONER UNIT
	TRAFFIC OR STREET SIGN
	PIPE BOLLARD
	TREE
	BUSH
	MAILBOX
	PROPERTY LINE
	FENCE LINE
	CONTOUR LINE
	SPOT ELEVATION
	TOP OF RIM ELEVATION
	INVERT ELEVATION
	TOP OF CURB ELEVATION
	GUTTER ELEVATION
	TOP WALK ELEVATION
	TOP PAVEMENT ELEVATION

PROPOSED

	MANHOLE
	STORM INLET
	STORM CATCH BASIN
	STORM SEWER
	DOWNSPOUT COLLECTION LINE
	SANITARY SEWER
	SANITARY SERVICE
	SANITARY CLEANOUT
	WATER SPIQUOT
	FIRE HYDRANT
	WATER VALVE
	WATER MAIN
	WATER SERVICE
	GAS METER
	GAS VALVE
	GAS LINE
	GAS SERVICE
	UTILITY POLE & GUY WIRE
	UNDERGROUND ELECTRIC
	ELECTRIC JUNCTION
	ELECTRIC JUNCTION BOX
	LIGHT ON POLE
	UNDERGROUND TELEPHONE
	TELEPHONE SERVICE
	TELEPHONE JUNCTION BOX
	TELEPHONE MANHOLE
	AIR CONDITIONER UNIT
	TRAFFIC OR STREET SIGN
	PIPE BOLLARD
	TREE
	BUSH
	MAIL BOX
	PROPERTY LINE
	FENCE LINE
	CONTOUR LINE
	SPOT ELEVATION
	TOP OF RIM ELEVATION
	INVERT ELEVATION
	TOP OF CURB ELEVATION
	GUTTER ELEVATION
	TOP WALK ELEVATION
	TOP PAVEMENT ELEVATION
	DIRECTION OF FLOW

ISSUED FOR BIDDING (10.22.2018)

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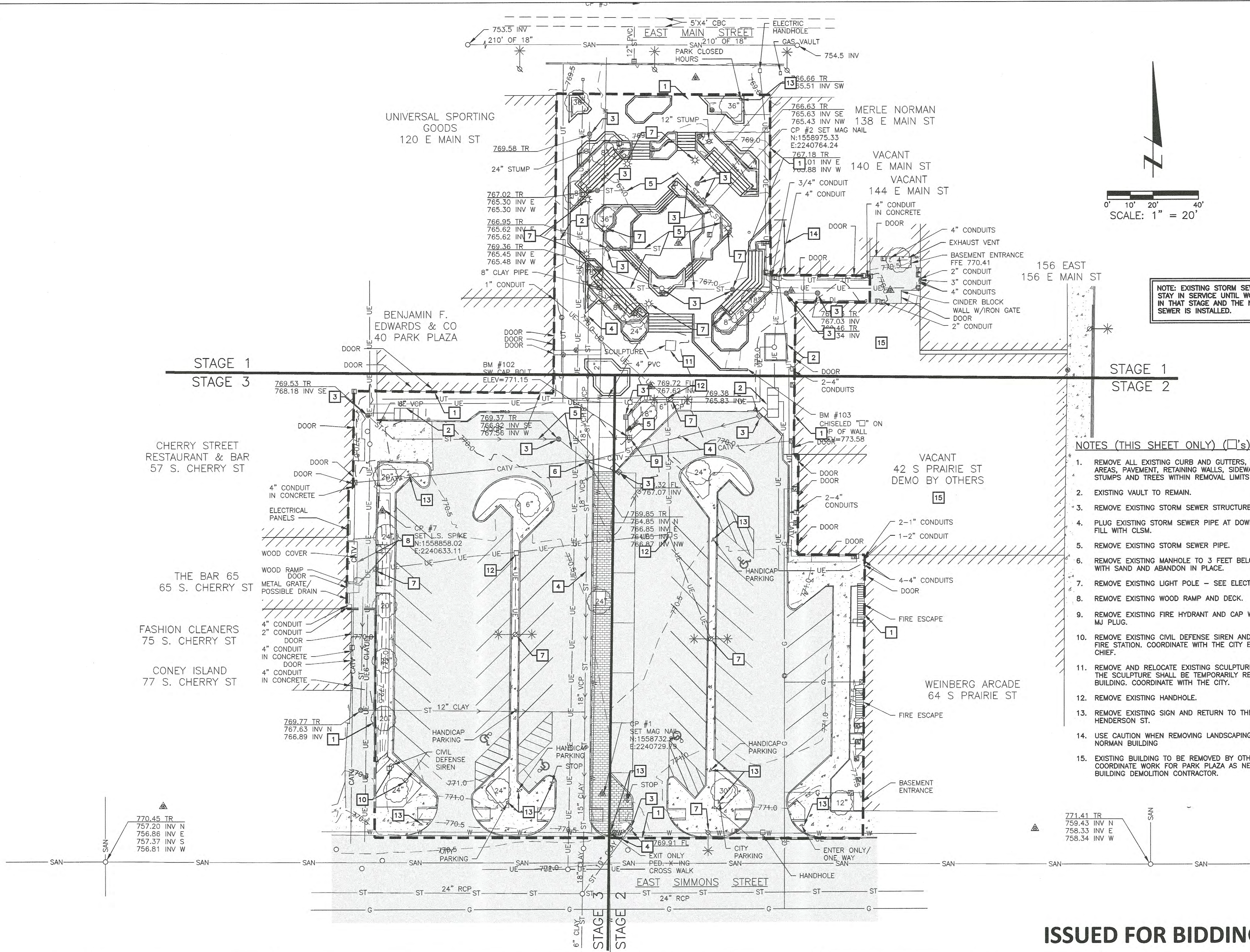
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Seal of Andrew Logsdon, Professional Engineer, State of Illinois, No. 062-067717

DESIGNED	ALL
DRAWN	RLR
REVIEWED	KJC
Date: 10-22-2018	
Contract No. PPPL-2017	
NUMBER: 01	DATE: 10/22/2018
ISSUED FOR BIDDING	

PARK PLAZA AND PARKING LOT E

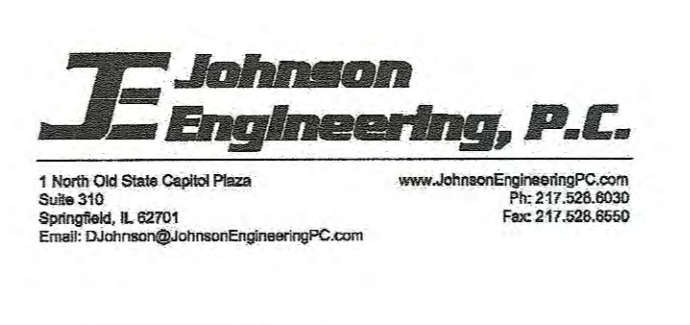
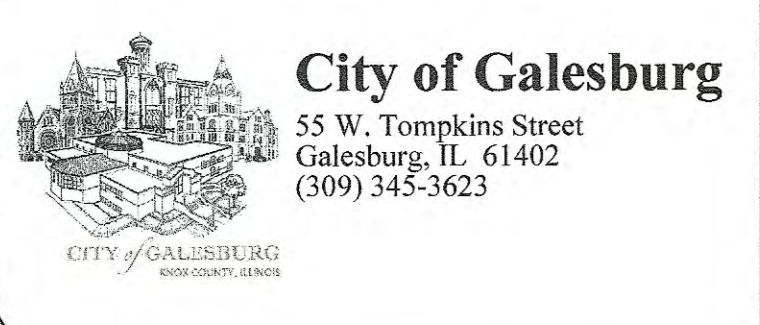
General Notes & Legend



NOTE: EXISTING STORM SEWER SHALL STAY IN SERVICE UNTIL WORK BEGINS IN THAT STAGE AND THE NEW STORM SEWER IS INSTALLED.

- NOTES (THIS SHEET ONLY) (1's):
1. REMOVE ALL EXISTING CURB AND GUTTERS, MEDIANS, LANDSCAPING AREAS, PAVEMENT, RETAINING WALLS, SIDEWALKS, SIGNS, TREE STUMPS AND TREES WITHIN REMOVAL LIMITS SHOWN.
 2. EXISTING VAULT TO REMAIN.
 3. REMOVE EXISTING STORM SEWER STRUCTURE.
 4. PLUG EXISTING STORM SEWER PIPE AT DOWNSTREAM MANHOLE AND FILL WITH CLSM.
 5. REMOVE EXISTING STORM SEWER PIPE.
 6. REMOVE EXISTING MANHOLE TO 3 FEET BELOW FINISH GRADE, FILL WITH SAND AND ABANDON IN PLACE.
 7. REMOVE EXISTING LIGHT POLE - SEE ELECTRICAL PLANS.
 8. REMOVE EXISTING WOOD RAMP AND DECK.
 9. REMOVE EXISTING FIRE HYDRANT AND CAP WATER MAIN WITH A 6" MJ PLUG.
 10. REMOVE EXISTING CIVIL DEFENSE SIREN AND DELIVER TO CENTRAL FIRE STATION. COORDINATE WITH THE CITY ELECTRICIAN AND FIRE CHIEF.
 11. REMOVE AND RELOCATE EXISTING SCULPTURE - SEE SHEET C-102. THE SCULPTURE SHALL BE TEMPORARILY RELOCATED TO THE ARMORY BUILDING. COORDINATE WITH THE CITY.
 12. REMOVE EXISTING HANDHOLE.
 13. REMOVE EXISTING SIGN AND RETURN TO THE CITY AT 122 S. HENDERSON ST.
 14. USE CAUTION WHEN REMOVING LANDSCAPING ADJACENT TO MERLE NORMAN BUILDING
 15. EXISTING BUILDING TO BE REMOVED BY OTHERS. CONTRACTOR SHALL COORDINATE WORK FOR PARK PLAZA AS NECESSARY WITH THE BUILDING DEMOLITION CONTRACTOR.

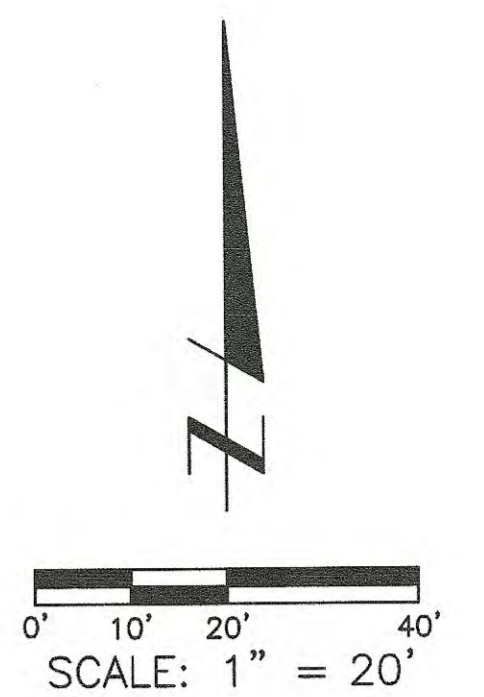
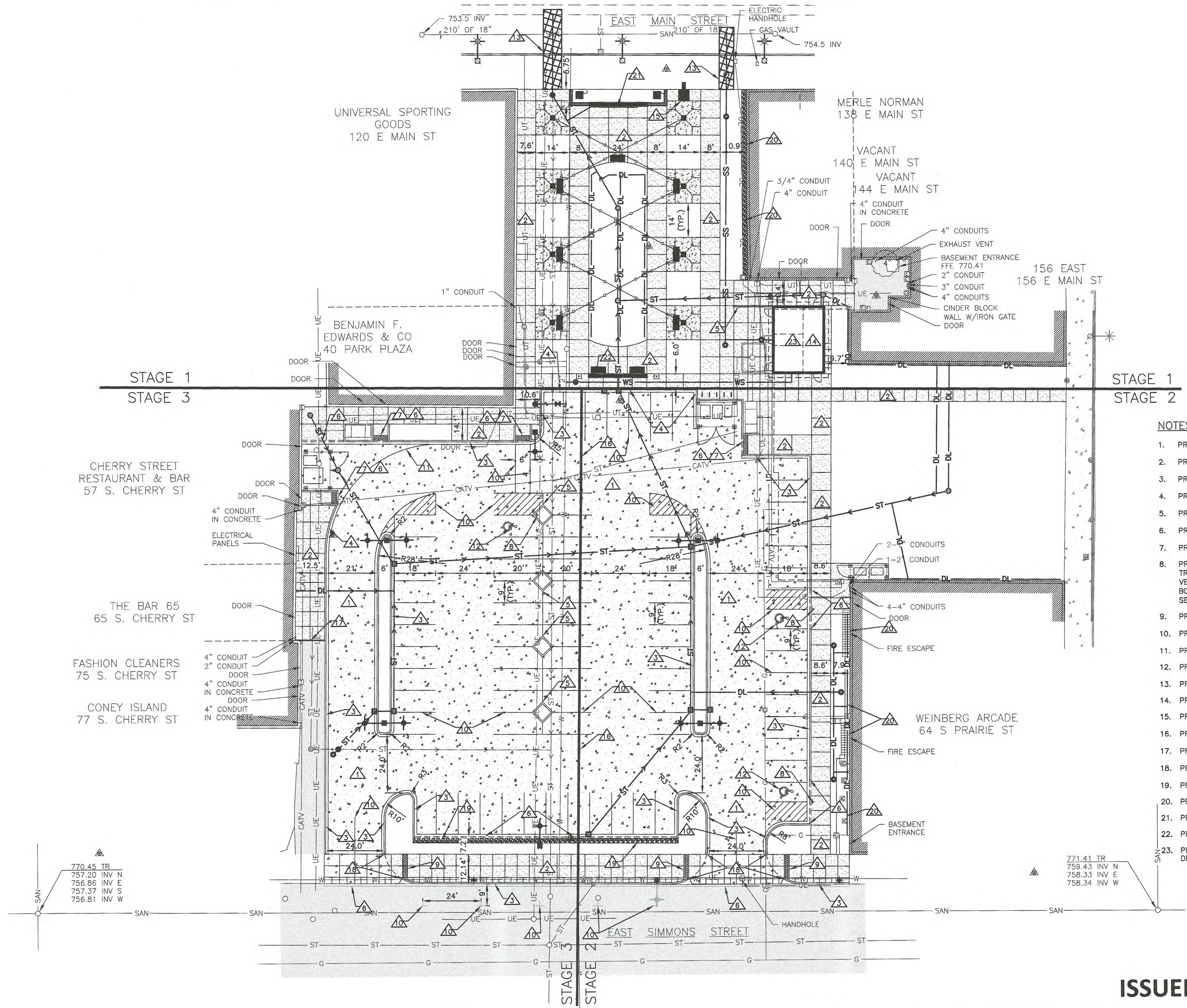
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DATE	NUMBER	DATE	ISSUE
10-22-2018	01	10/22/2018	ISSUED FOR BIDDING
DESIGNED	ALL		
DRAWN	RLR/BCB		
REVIEWED	KJC		

PARK PLAZA AND PARKING LOT E
Demolition Plan

C-101



- NOTES (THIS SHEET ONLY) (Δ's):**
1. PROPOSED PCC PAVEMENT - SEE DETAILS 1, 2, 3 AND 4/C107.
 2. PROPOSED PCC SIDEWALKS - SEE DETAILS 5/C107 & 12/C108.
 3. PROPOSED PCC CURB AND GUTTER TYPE B-6.12 - SEE DETAIL 7/C107.
 4. PROPOSED PCC CURB AND GUTTER TYPE M-4.12 - SEE DETAIL 8/C107.
 5. PROPOSED PCC 6" BARRIER CURB - SEE DETAIL 10/C107.
 6. PROPOSED DEPRESSED CURB AND GUTTER - SEE DETAIL 7/C107.
 7. PROPOSED ADA ACCESSIBLE CURB RAMP - SEE DETAIL 11/C107.
 8. PROVIDE AND INSTALL UPRIGHT DISABLED PARKING SIGN PER U.S. DEPARTMENT OF TRANSPORTATION STANDARD R7-8 (ONE EACH PER SPACE). SIGN SHALL BE VERTICALLY MOUNTED A MINIMUM OF 4'-0" FROM THE FINISHED GRADE TO THE BOTTOM OF THE SIGN. SIGNAGE SHALL INCLUDE "\$250 FINE" STANDARD R7-1101 - SEE DETAIL 4/C108.
 9. PROPOSED DETECTABLE WARNING PER ADA STANDARDS.
 10. PROPOSED PAINTED PAVEMENT MARKING LINE, 4" YELLOW.
 11. PROPOSED PAINTED PAVEMENT MARKING LINE, 12" YELLOW.
 12. PROPOSED PAINTED ADA ACCESSIBLE PARKING SYMBOL, YELLOW.
 13. PROPOSED PAVEMENT/SIDEWALK PATCH - SEE DETAIL 12/C107 AND 5/C107
 14. PROPOSED RESTROOM ALTERNATE BID STORAGE ROOM.
 15. PROPOSED SCULPTURE LOCATION.
 16. PROVIDE EXPANSION JOINT IN PAVEMENT AT STAGE LINE - SEE DETAIL 2/C107.
 17. PROPOSED HANDRAIL - SEE DETAIL 11/C108.
 18. PROVIDE 2' WIDE VERTICAL CURB RETURNS.
 19. PROPOSED GRAVEL BORDER ADJACENT TO PARKING LOT - SEE DETAIL G/L109
 20. PROPOSED LANDSCAPING - SEE MASSIE MASSIE & ASSOC. DRAWINGS.
 21. PROPOSED NORTH PLAZA WALL SEE MASSIE MASSIE & ASSOC. DRAWINGS.
 22. PROPOSED SOUTH PLAZA WALL SEE MASSIE MASSIE & ASSOC. DRAWINGS.
 23. PROPOSED RESTROOM - SEE BRUNER, COOPER AND ZUCK, INC. ARCHITECTURAL DRAWINGS.

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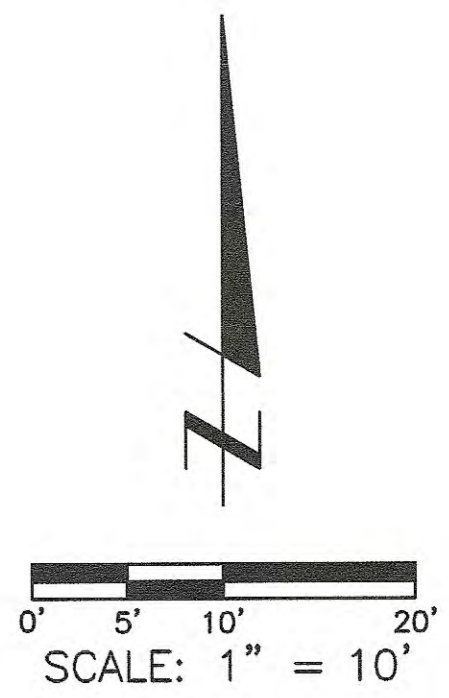
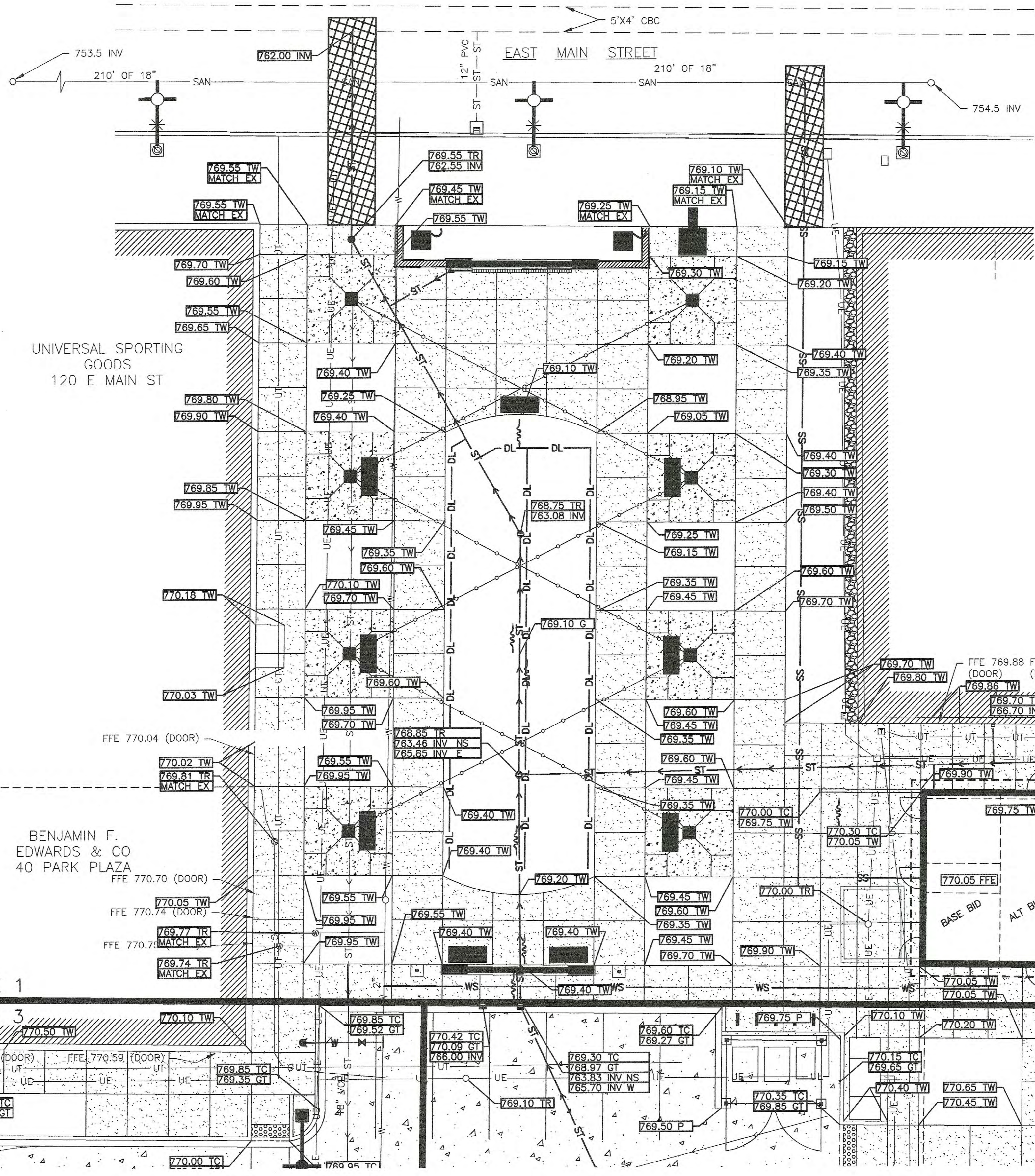
Seal
 ANDREW LOGSDON
 082-067717
 LICENSED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS

DESIGNED	ALL
DATE:	10-22-2018
CONTRACT NO.:	PPPLE-2017
DESIGNED	ALL
DRAWN	RLR/BCB
REVIEWED	KJC

NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

PARK PLAZA AND PARKING LOT E
 Site Plan

C-102



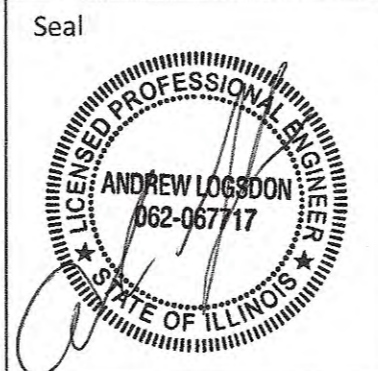
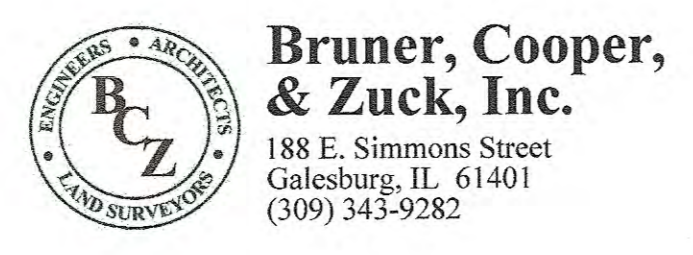
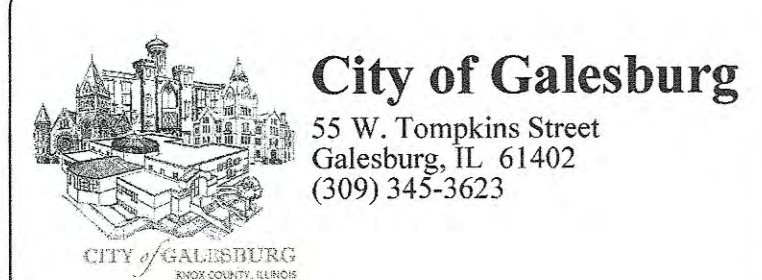
MERLE NORMAN
138 E MAIN ST

VACANT
140 E MAIN ST

VACANT
144 E MAIN ST

156 EAS
156 E MAIN

ISSUED FOR BIDDING (10.22.2018)



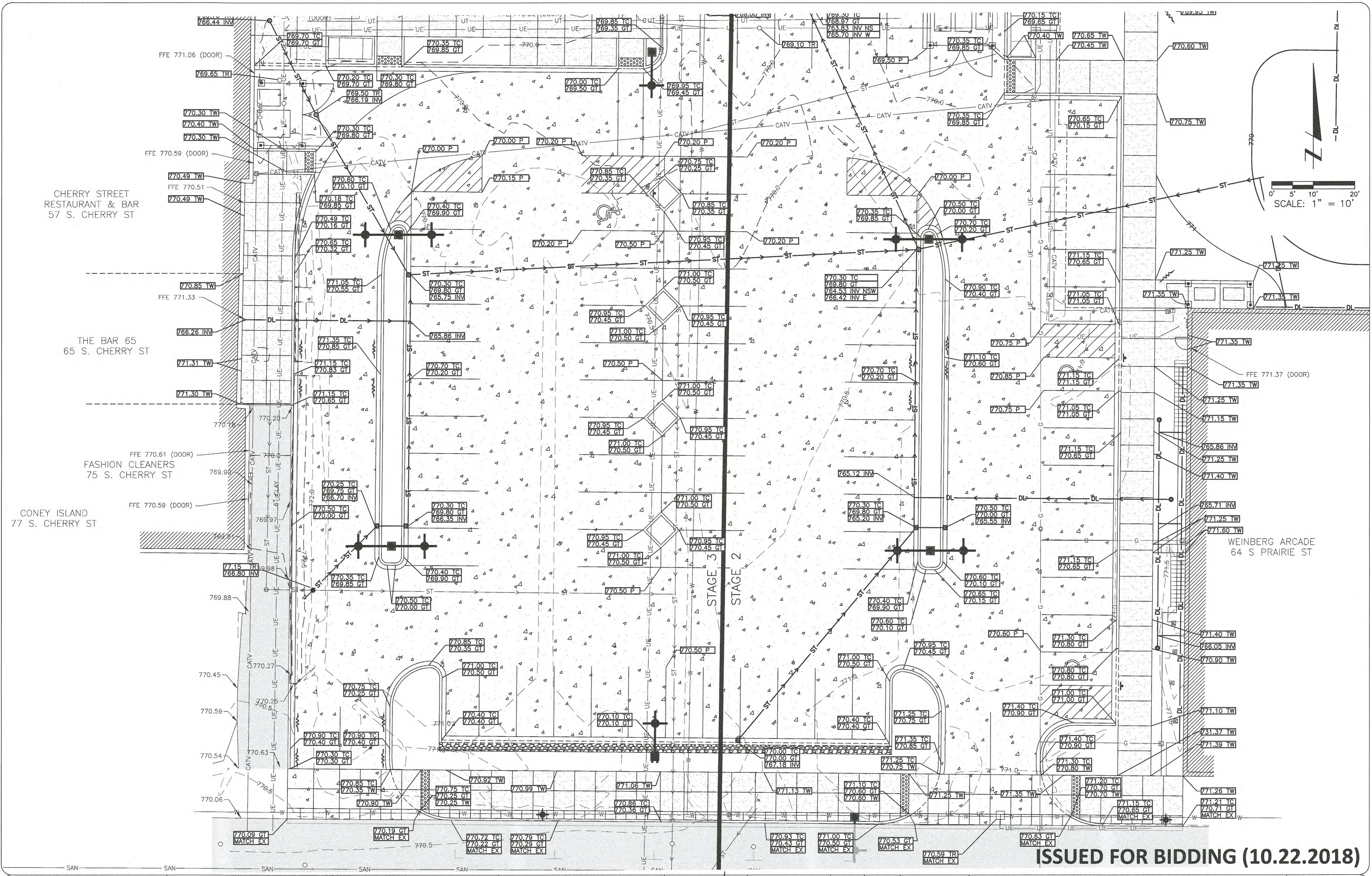
NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

DESIGNED	ALL
DRAWN	RLR/BCB
REVIEWED	KIC

PARK PLAZA AND PARKING LOT E

Grading Plan Plaza

C-103



ISSUED FOR BIDDING (10.22.2018)

City of Galesburg
 55 W. Tompkins Street
 Galesburg, IL 61402
 (309) 345-3623

MMA
Massie Massie + Associates
 1210 South 5th Street
 Springfield, IL 62703
 (217) 544-3210

Bruner, Cooper, & Zuck, Inc.
 188 E. Simmons Street
 Galesburg, IL 61401
 (309) 343-9282

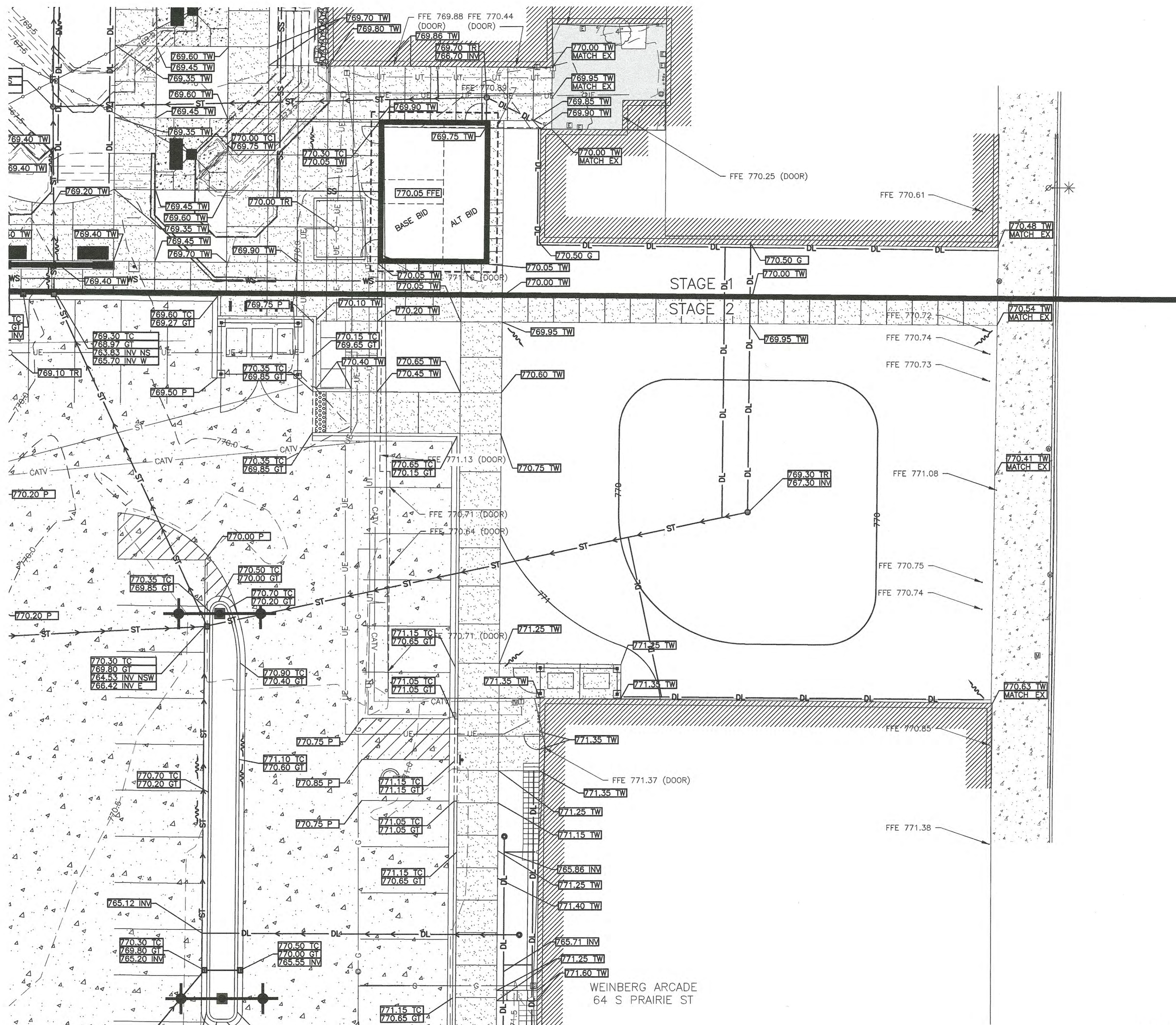
J Johnson Engineering, P.C.
 1 North Old State Capitol Plaza
 Suite 310
 Springfield, IL 62761
 Email: JJohnson@JohnsonEngineeringPC.com
 www.JohnsonEngineeringPC.com
 Ph: 217.258.8230
 Fax: 217.258.8690

Seal
 ANDREW LINDSON
 062-06717
 PROFESSIONAL ENGINEER
 STATE OF ILLINOIS

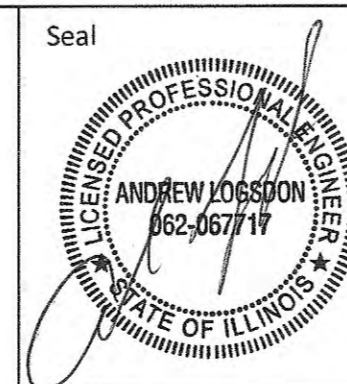
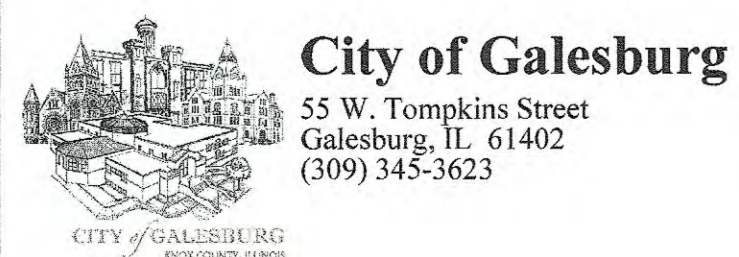
DESIGNED	ALL
DATE:	10-22-2018
CONTRACT NO.:	PPPLE-2017
NUMBER	01
DATE	10/22/2018
ISSUE	ISSUED FOR BIDDING
DRAWN	RLR/BCB
REVIEWED	KJC

PARK PLAZA AND PARKING LOT E
Grading Plan Parking Lot

C-104



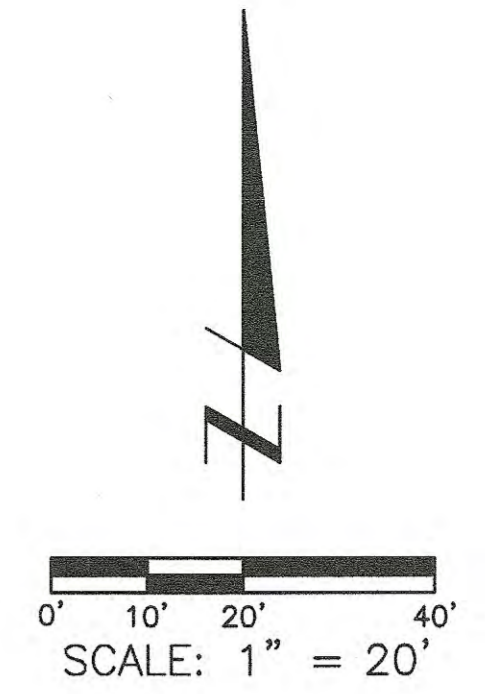
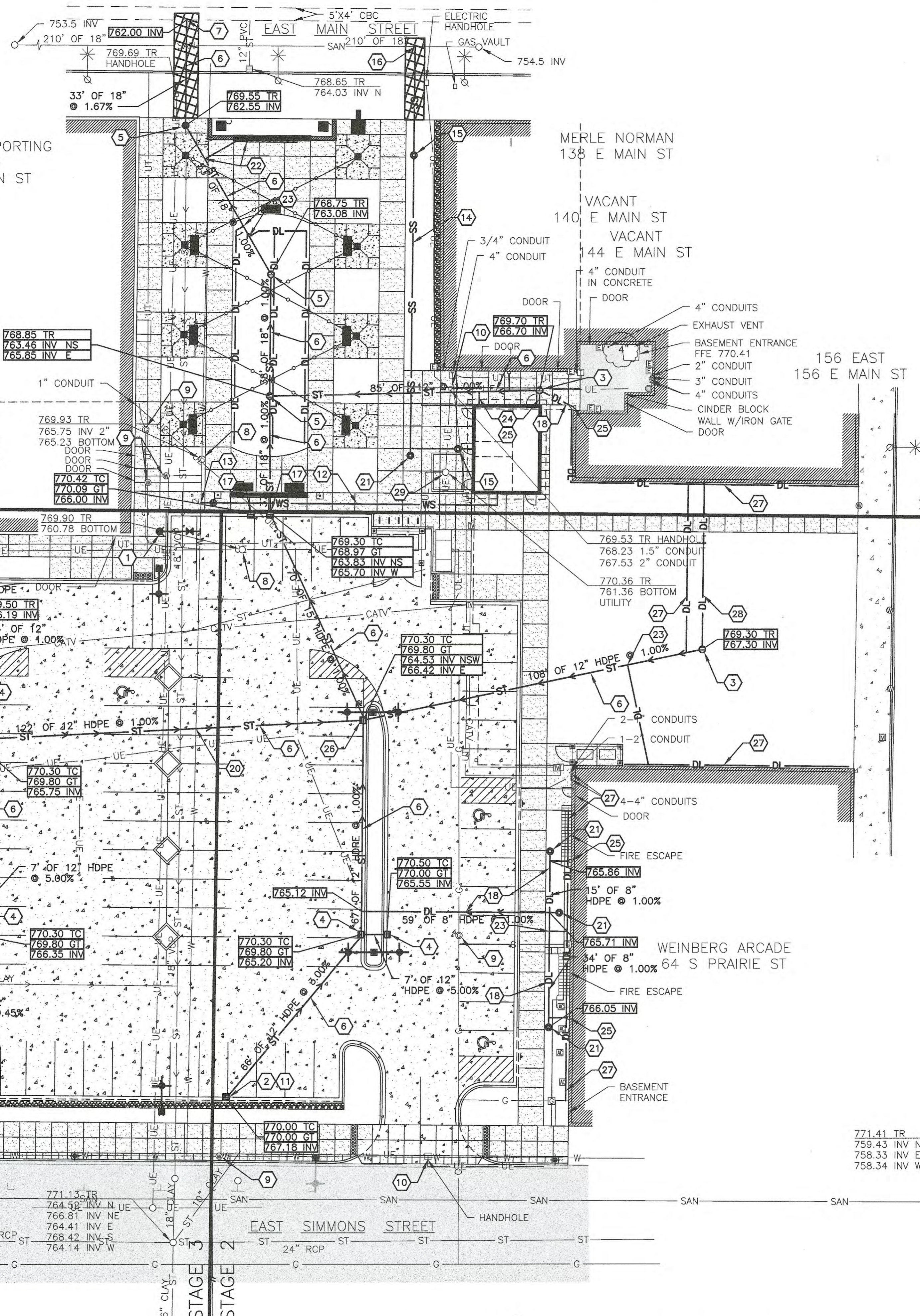
ISSUED FOR BIDDING (10.22.2018)



Date:	10-22-2018
Contract No:	PPPLE-2017
DESIGNED:	ALL
DRAWN:	RLR/BCB
REVIEWED:	KJC

NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

PARK PLAZA AND PARKING LOT E		C-105
Grading Plan Vacant Lot		



NOTE: CONTRACTOR SHALL POTHOLE ALL UTILITY CROSSINGS TO VERIFY NO CONFLICTS ARE PRESENT. CONTRACTOR SHALL REPORT ANY UTILITY CONFLICTS DISCOVERED TO THE ENGINEER. SEPARATION REQUIREMENTS NOTED ON SHEET C-100 SHALL BE ADHERED TO.

NOTES (THIS SHEET ONLY) (Hexagons):

1. PROPOSED FIRE HYDRANT ASSEMBLY - SEE DETAIL 13/C107
2. PROPOSED TYPE G-1 STORM SEWER INLET WITH NEENAH R-3246-AM FRAME, GRATE, AND MOUNTABLE CURB BOX - SEE DETAIL 5/C108.
3. PROPOSED TYPE A STORM SEWER INLET, 2' DIA. WITH TYPE 1 FRAME AND GRATE - SEE DETAIL 2/C108.
4. PROPOSED TYPE G-1 STORM SEWER INLET - SEE DETAIL 5/C108.
5. PROPOSED TYPE B STORM SEWER MANHOLE, 4' DIA. WITH TYPE 1 FRAME AND EAST JORDAN 1020M3 GRATE - SEE DETAIL 1/C108.
6. PROPOSED HDPE STORM SEWER - SEE DETAIL 6/C107.
7. CONNECT TO EXISTING 5'X4' CONCRETE STORM SEWER WITH WATERTIGHT SEAL.
8. ADJUST EXISTING MANHOLE RIM ELEVATION TO MATCH PROPOSED FINISH GRADE.
9. ADJUST EXISTING VALVE BOX TO MATCH PROPOSED FINISH GRADE.
10. ADJUST EXISTING HANDHOLE TO MATCH PROPOSED FINISH GRADE.
11. CONNECT PROPOSED GRAVEL BORDER TILE TO STORM STRUCTURE WITH WATER TIGHT CONNECTION.
12. PROPOSED 2" HDPE WATER SERVICE LINE - SEE DETAIL 6/C107.
13. TAP EXISTING WATER MAIN WITH 2" DOMESTIC WATER SERVICE WITH CURB STOP AND CURB BOX - SEE DETAIL 9/C107
14. PROPOSED 6" PVC SANITARY SERVICE - SEE DETAIL 6/C107.
15. PROPOSED INLINE PVC SANITARY CLEAN-OUT - SEE DETAIL 9/C108.
16. CONNECT TO EXISTING SANITARY SEWER - SEE DETAIL 6/C108.
17. PROPOSED DOUBLE G-1 STORM SEWER INLET - SEE DETAIL 3/C108.
18. PROPOSED 8" HDPE DOWNSPOUT COLLECTION LINE - SEE TRENCH DETAIL 6/C107.
19. CONNECT TO EXISTING 12" CLAY STORM SEWER WITH TYPE B STORM SEWER MANHOLE, 4' DIA. WITH TYPE 1 FRAME AND GRATE - SEE DETAIL 1/C108.
20. CONTRACTOR SHALL PLACE 22' OF WATER MAIN GRADE STORM SEWER AT CROSSING WITH EXISTING WATER MAIN.
21. PROPOSED END-OF-LINE CLEANOUT - SEE DETAIL 8/C108
22. CONNECT WATER WALL TRENCH DRAIN TO PROPOSED STORM SEWER WITH 15' OF 8" HDPE AND AN 18"X8" HDPE TEE.
23. CONNECT PROPOSED PERFORATED HDPE DRAIN TILES TO PROPOSED STORM SEWER WITH AN HDPE TEE.
24. PROPOSED 6" HDPE DOWNSPOUT COLLECTION LINE.
25. CONNECT DOWNSPOUT TO PROPOSED DOWNSPOUT COLLECTION LINE - SEE DETAIL 10/C108.
26. PROPOSED TYPE B STORM SEWER MANHOLE, 4' DIA. WITH TYPE G-1 FRAME AND GRATE - SEE DETAILS 1/C108 & 5/C108.
27. PROPOSED 6" PERFORATED HDPE DRAIN.
28. PROPOSED SUMP PUMP DRAIN LINE. CONNECT TO LINE EXITING SOUTH SIDE OF 156 EAST MAIN STREET.
29. EXISTING ELECTRICAL VAULT RIM ELEVATION TO BE LOWERED. EXISTING 10" RISER TO BE REPLACED WITH 5-5/8" RISER. COORDINATE WITH AMEREN.

STAGE 1
STAGE 3

UNIVERSAL SPORTING GOODS
120 E MAIN ST

MERLE NORMAN
138 E MAIN ST

VACANT
E MAIN ST
VACANT
140 E MAIN ST

156 EAST
156 E MAIN ST

BENJAMIN F. EDWARDS & CO
40 PARK PLAZA

CHERRY STREET RESTAURANT & BAR
57 S. CHERRY ST

THE BAR 65
65 S. CHERRY ST

FASHION CLEANERS
75 S. CHERRY ST

CONEY ISLAND
77 S. CHERRY ST

WEINBERG ARCADE
64 S PRAIRIE ST

ISSUED FOR BIDDING (10.22.2018)

City of Galesburg
55 W. Tompkins Street
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J. Johnson Engineering, P.C.
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Email: DJohnson@JohnsonEngineeringPC.com
www.JohnsonEngineeringPC.com
Ph: 217.528.8000
Fax: 217.528.8000

Seal
ANDREW JOHNSON
Professional Engineer
No. 062-067717
State of Illinois

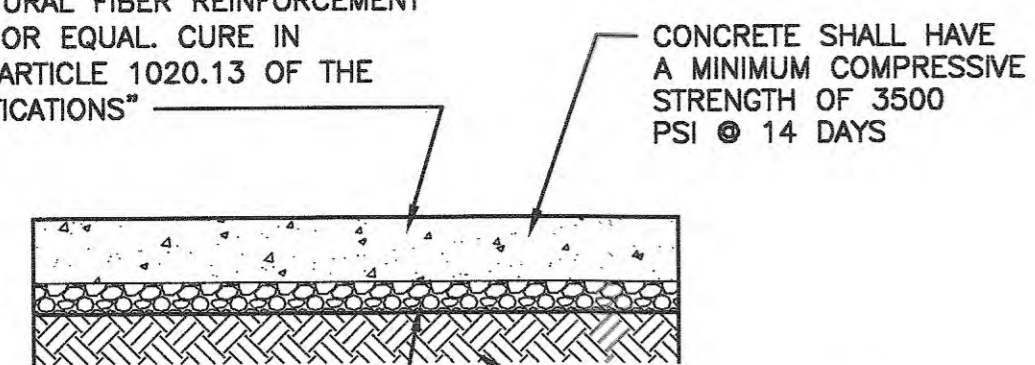
DESIGNED	ALL
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CONTRACT NO.:	PPPLE-2017
NUMBER	01
DATE	10/22/2018
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DRAWN	RLR/BCB
REVIEWED	KJC

PARK PLAZA AND PARKING LOT E

Utility Plan

C-106

PORTLAND CEMENT CONCRETE PAVEMENT, 8" CLASS PV, PER ARTICLE 420 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" W/2LB./C.Y. OF SYNTHETIC STRUCTURAL FIBER REINFORCEMENT ("STRUX 90/40") OR EQUAL. CURE IN ACCORDANCE W/ ARTICLE 1020.13 OF THE "STANDARD SPECIFICATIONS"

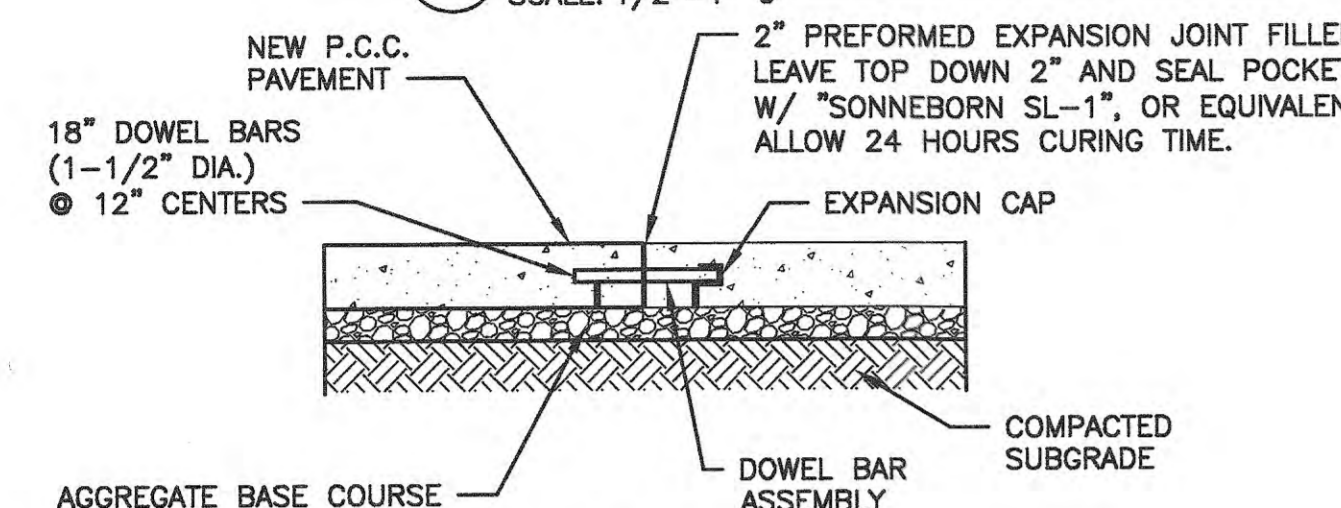


AGGREGATE BASE COURSE, TY.B. CA-6, 4" COMPACTED THICKNESS. PLACE AND COMPACT TO 98% OF STANDARD PROCTOR MAXIMUM DRY DENSITY

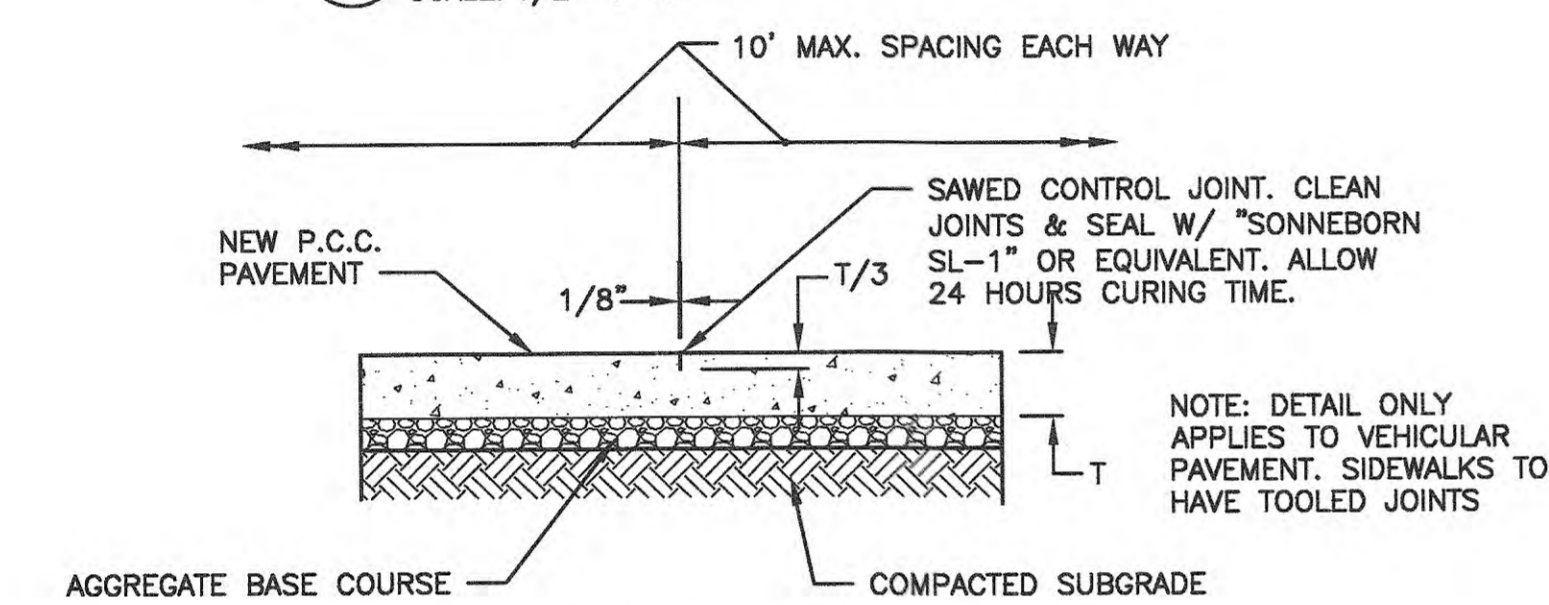
CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI @ 14 DAYS

COMPACT SUBGRADE TO 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698)

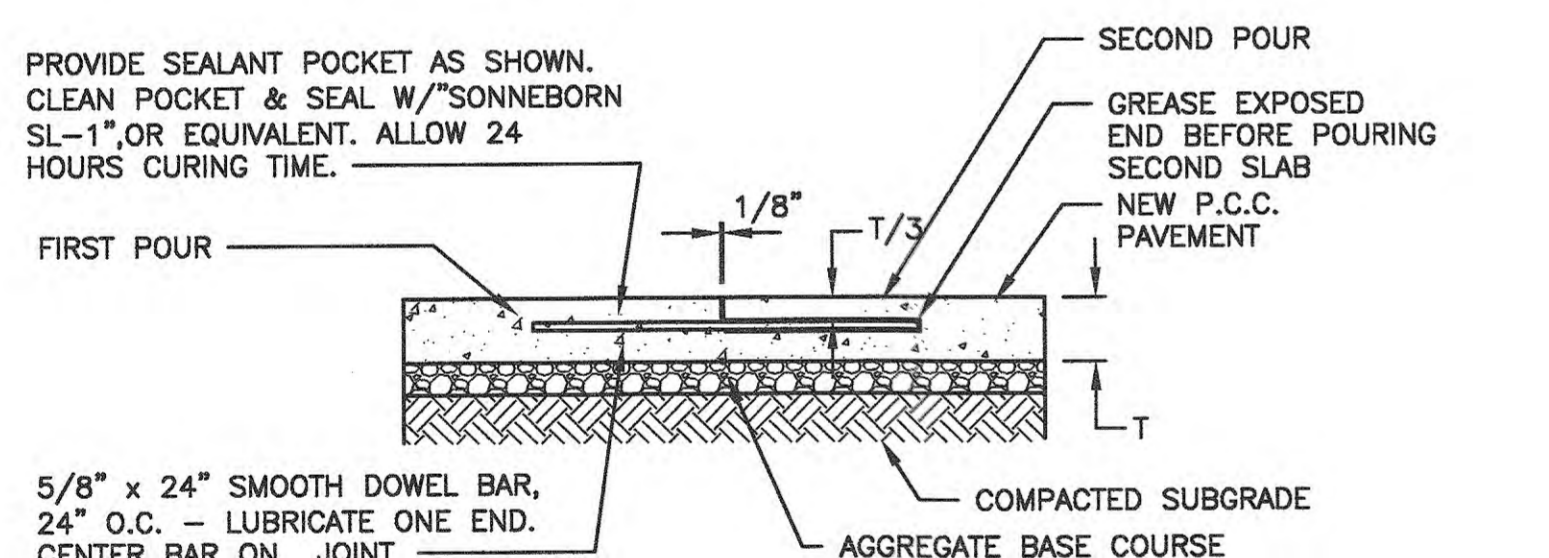
1 CONCRETE PAVEMENT DETAIL
C107 SCALE: 1/2"=1'-0"



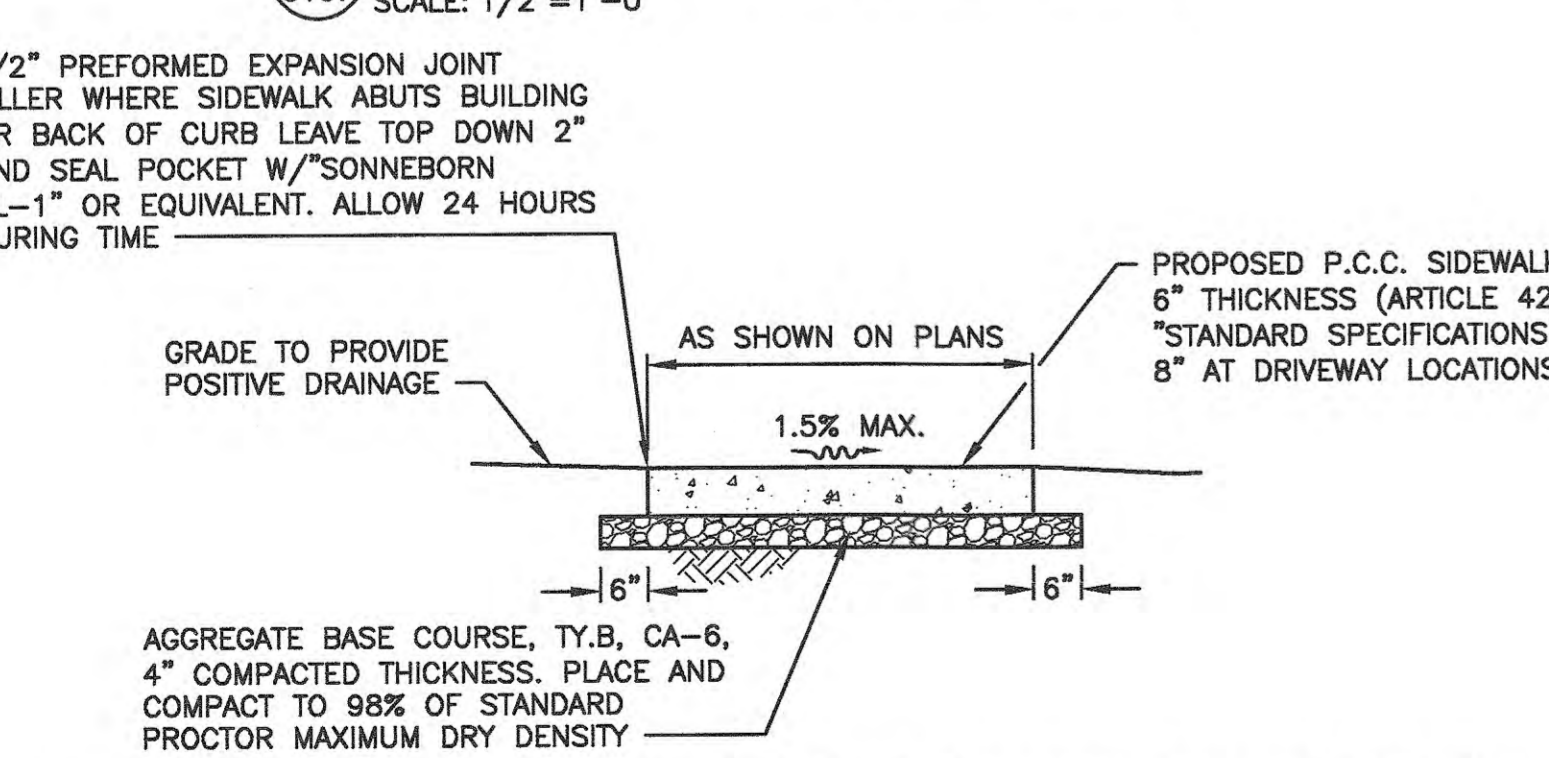
2 EXPANSION JOINT DETAIL
C107 SCALE: 1/2"=1'-0"



3 CONTROL JOINT DETAIL
C107 SCALE: 1/2"=1'-0"



4 CONSTRUCTION JOINT DETAIL
C107 SCALE: 1/2"=1'-0"



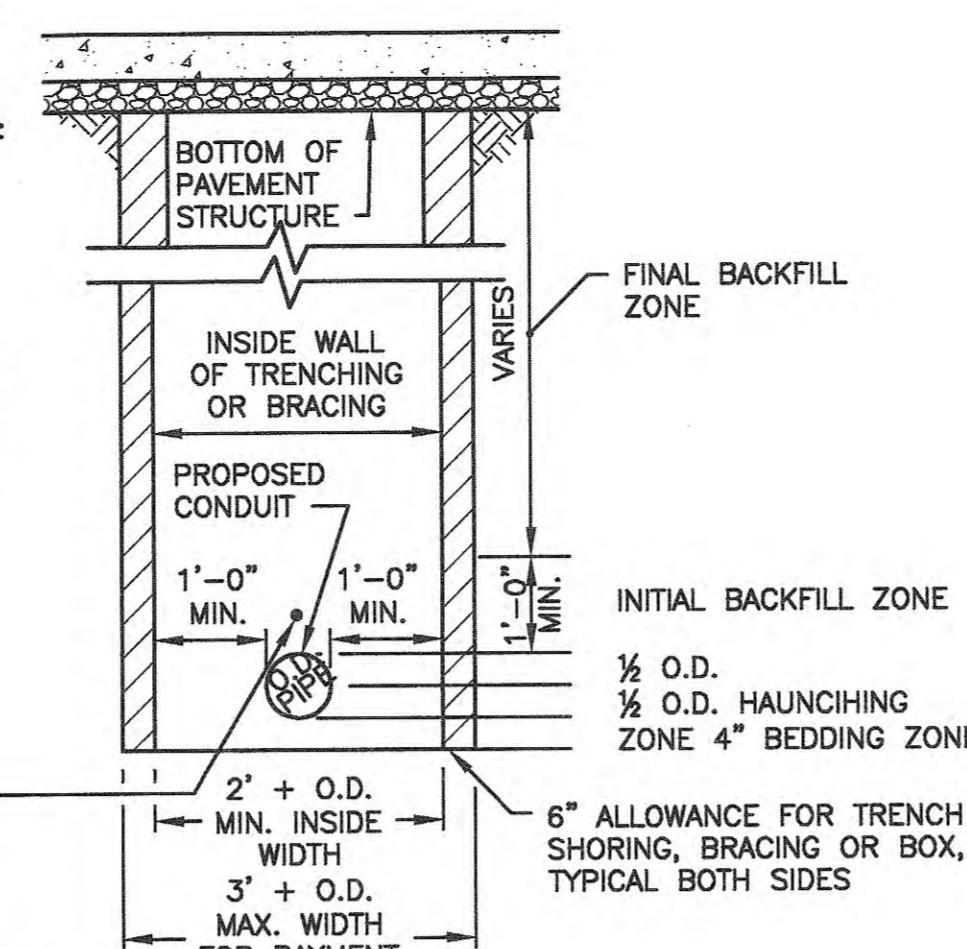
5 SIDEWALK WITH BASE COURSE TYPICAL SECTION
C107 SCALE: 1/2"=1'-0"

NOTE: PROVIDE TOOLED JOINTS AS SHOWN ON ARCHITECTURAL DRAWINGS. PROVIDE LIGHT BROOM FINISH. PROVIDE TRANSVERSE EXPANSION JOINTS @ INTERVALS NOT TO EXCEED 100 FT.

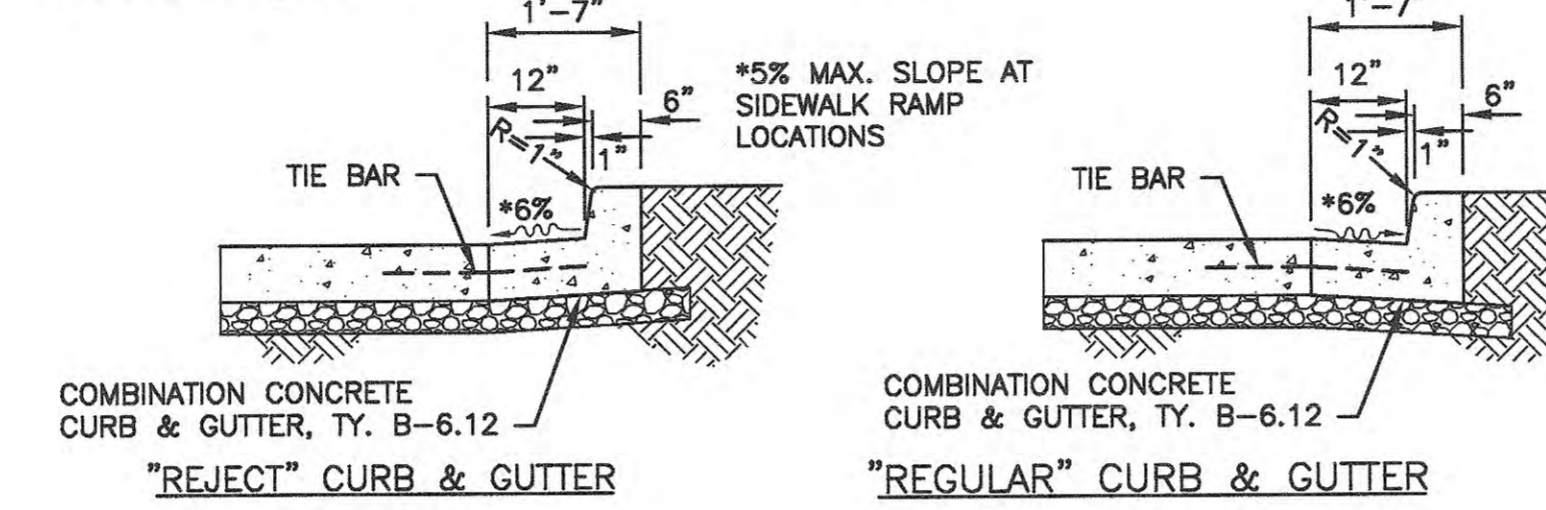
1. FOR PVC & HDPE PIPE CONSTRUCTION:

- a. BEDDING, HAUNCHING & INITIAL BACKFILL ZONES CONSIST OF ROCK, IDOT GRADATION CA-7.
- b. FINAL BACKFILL ZONE SHALL CONSIST OF:
 - 1) IDOT GRADATION FA-6 (SAND), UNDER NEW PAVEMENT.
 - 2) IDOT GRADATION FA-6 (SAND), UNDER OTHER UTILITIES OR HARD SURFACED AREAS.
 - 3) EXCAVATED MATERIAL IN ALL OTHER AREAS.
 - 4) EXCAVATION ON MAIN STREET SHALL BE BACKFILLED WITH CLSM.

- 2. ALL TRENCHES SHALL BE BACKFILLED WITH IDOT GRADATION FA-6 (SAND), WHERE THE TRENCH IS LOCATED BENEATH OR WITHIN 2 FEET OF PAVEMENTS, CURBS OR SIDEWALKS.
- 3. FOR WATER MAINS AND SERVICES - 12 GAUGE COATED BLUE UNDERGROUND TRACER WIRE, ACCESSIBLE AT VALVE BOXES AND/OR HYDRANTS

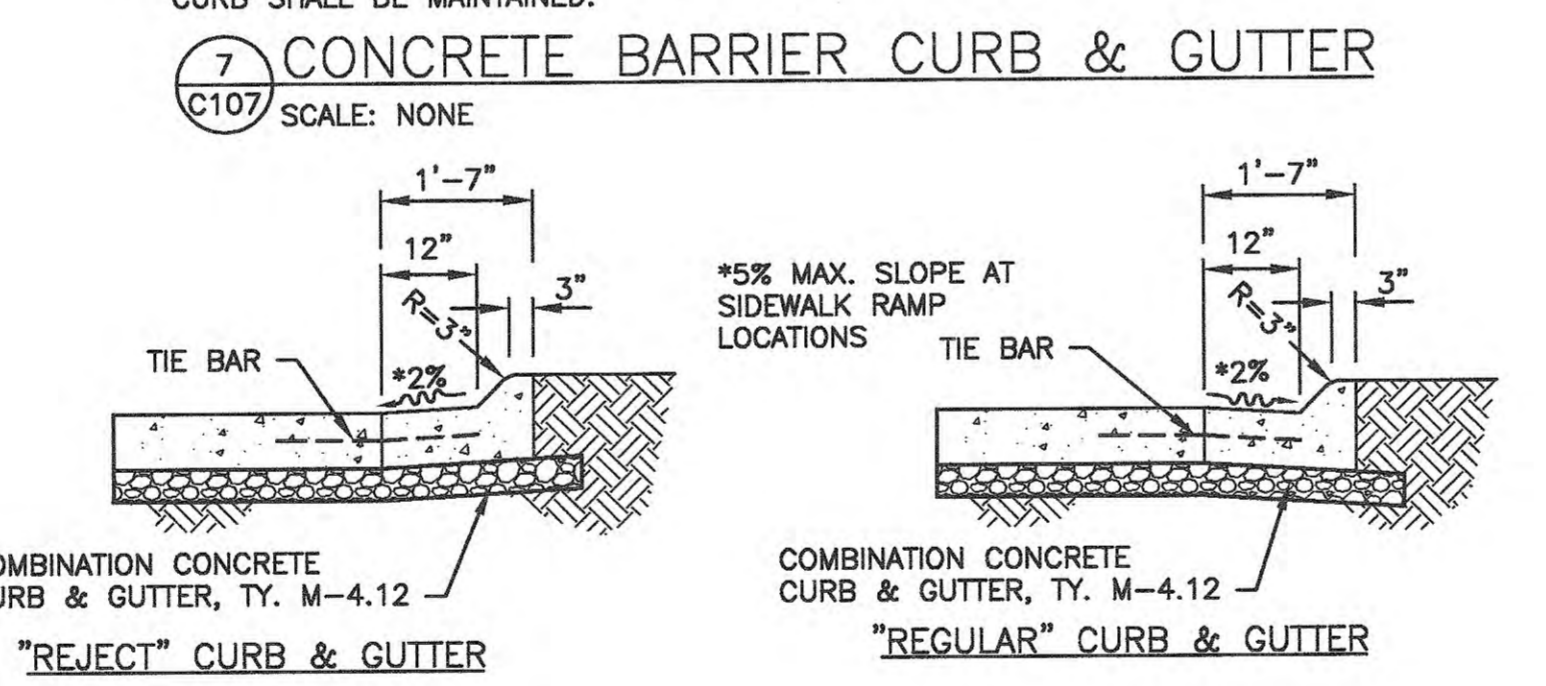


6 TRENCH DETAIL
C107 SCALE: 1/2"=1'-0"



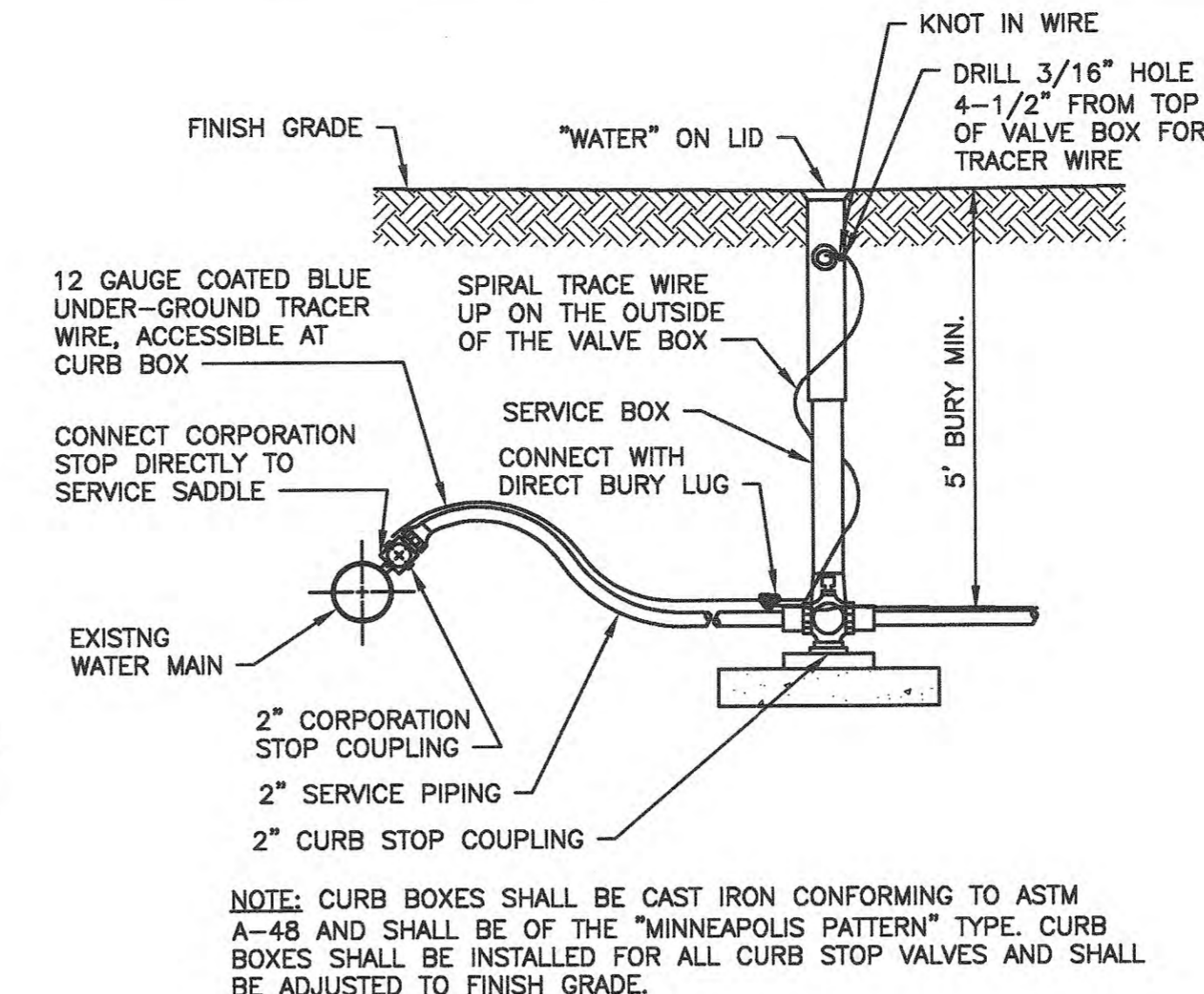
7 CONCRETE BARRIER CURB & GUTTER
C107 SCALE: NONE

1. CONTRACTION JOINTS SHALL BE SPACED AT 10 FOOT INTERVALS. JOINT SPACING MAY BE ALTERED BY THE ENGINEER TO PREVENT UNCONTROLLED CRACKING.
2. CONTRACTION JOINTS MAY BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1 1/2" SHALL BE OBTAINED.
3. ALL EXPANSION JOINTS SHALL BE SPACED AT 90 FOOT INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS. JOINTS SHALL MATCH LOCATIONS WITH JOINTS IN ABUTTING SIDEWALK.
4. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3500 P.S.I. IN 14 DAYS.
5. CURB SHALL BE DEPRESSED AT INTERSECTIONS TO PROVIDE FOR FUTURE ACCESSIBLE RAMPS, 1/2" MAX. HEIGHT.
6. TOP 5" OF SUBGRADE BENEATH THE CURB AND GUTTER SHALL BE COMPACTED TO 98% STANDARD PROCTOR MAXIMUM DRY DENSITY.
7. LONGITUDINAL JOINT TIE BARS SHALL BE (NO. 6) AT (24") CENTERS IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
8. A MINIMUM CLEARANCE OF 2" BETWEEN THE END OF THE TIE BAR AND THE BACK OF THE CURB SHALL BE MAINTAINED.

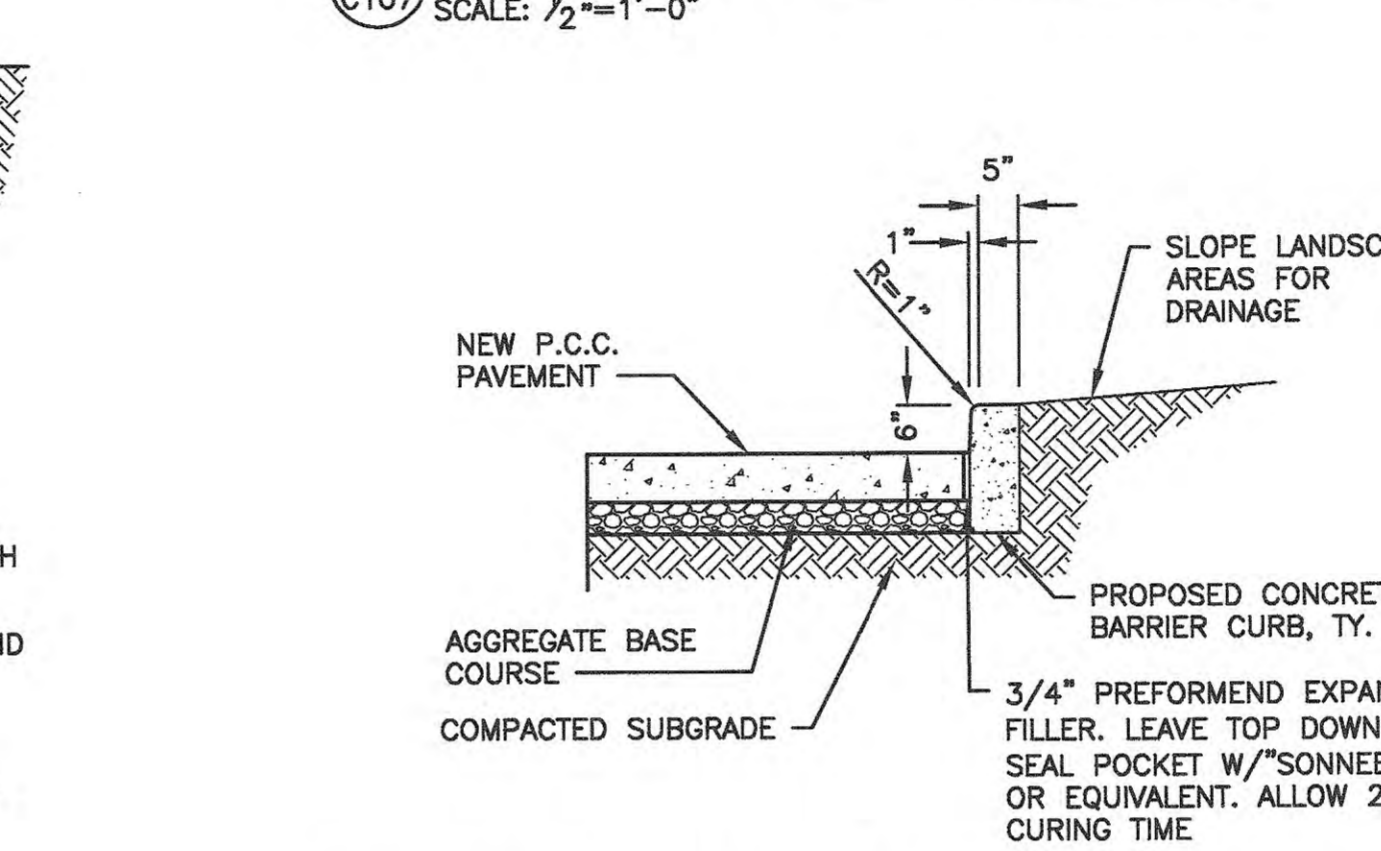


8 CONCRETE MOUNTABLE CURB & GUTTER
C107 SCALE: NONE

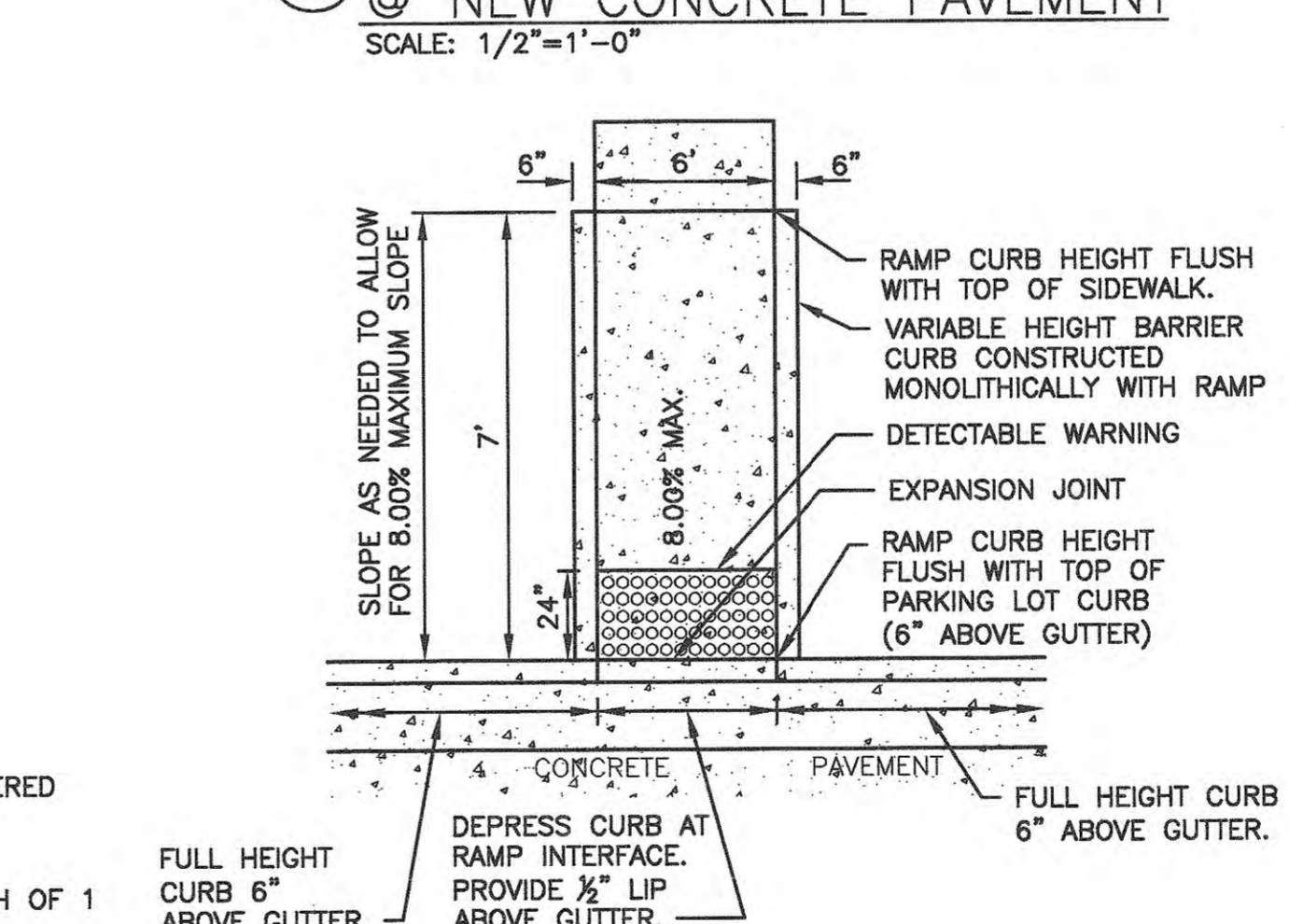
1. CONTRACTION JOINTS SHALL BE SPACED AT 10 FOOT INTERVALS. JOINT SPACING MAY BE ALTERED BY THE ENGINEER TO PREVENT UNCONTROLLED CRACKING.
2. CONTRACTION JOINTS MAY BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1 1/2" SHALL BE OBTAINED.
3. ALL EXPANSION JOINTS SHALL BE SPACED AT 90 FOOT INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS. JOINTS SHALL MATCH LOCATIONS WITH JOINTS IN ABUTTING SIDEWALK.
4. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3500 P.S.I. IN 14 DAYS.
5. CURB SHALL BE DEPRESSED AT INTERSECTIONS TO PROVIDE FOR FUTURE ACCESSIBLE RAMPS, 1/2" MAX. HEIGHT.
6. TOP 5" OF SUBGRADE BENEATH THE CURB AND GUTTER SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
7. LONGITUDINAL JOINT TIE BARS SHALL BE (NO. 6) AT (24") CENTERS IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
8. A MINIMUM CLEARANCE OF 2" BETWEEN THE END OF THE TIE BAR AND THE BACK OF THE CURB SHALL BE MAINTAINED.
- 9*. GUTTER SLOPE SHALL NOT EXCEED 5.0% AT DEPRESSED CURB LOCATIONS.



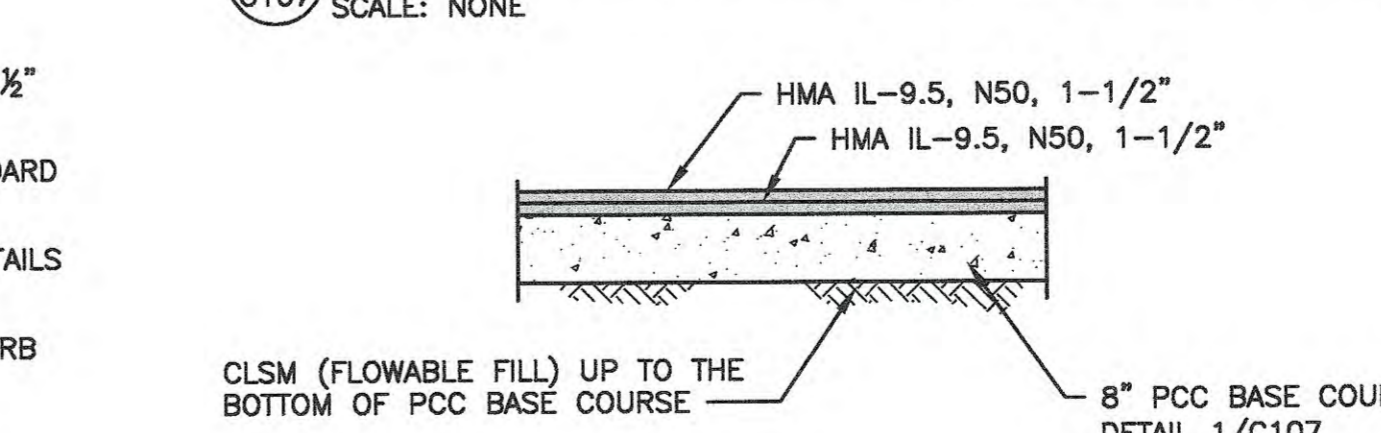
9 WATER SERVICE CONNECTION
C107 SCALE: 1/2"=1'-0"



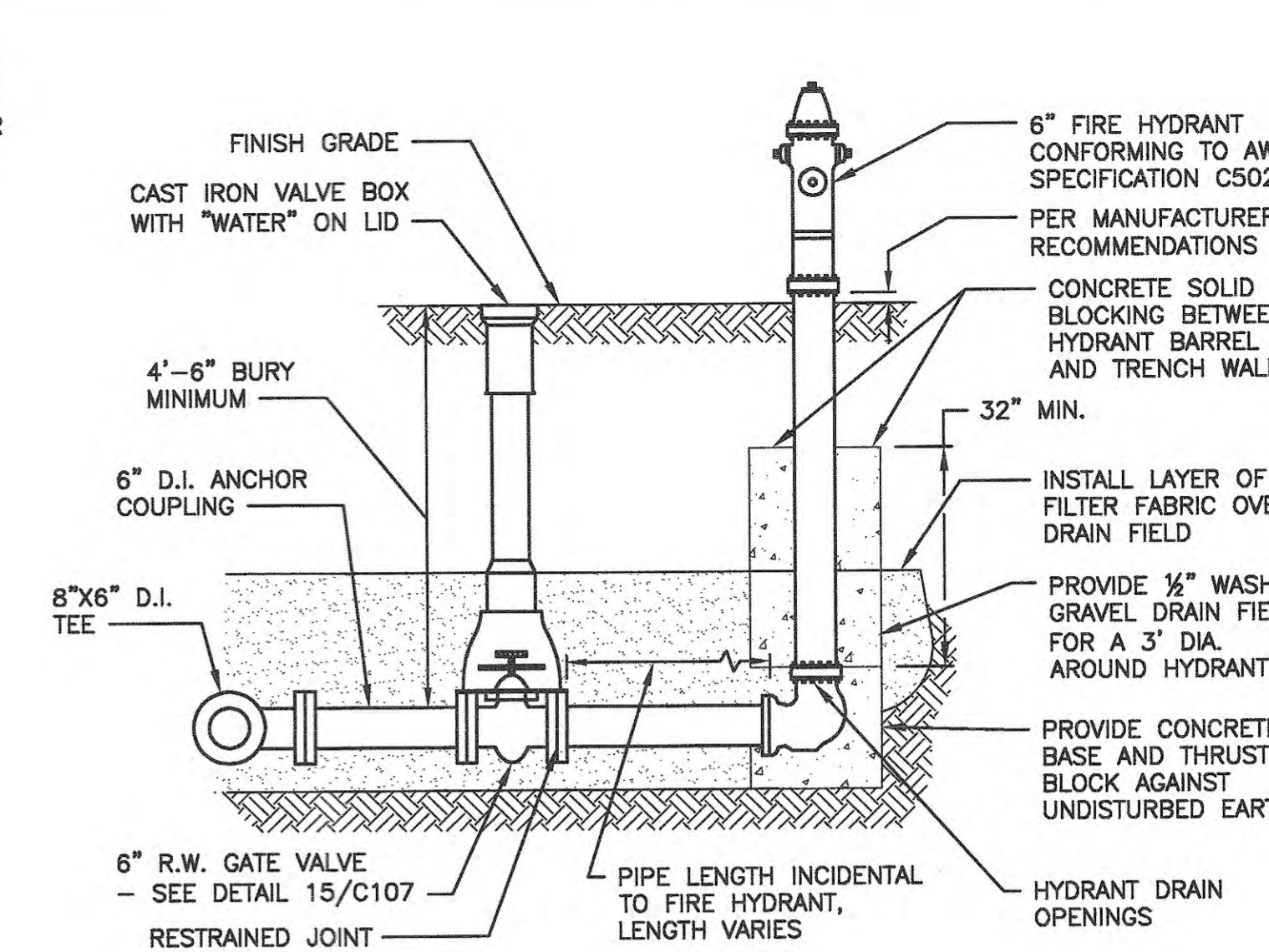
10 INTEGRAL CONCRETE BARRIER CURB @ NEW CONCRETE PAVEMENT
C107 SCALE: 1/2"=1'-0"



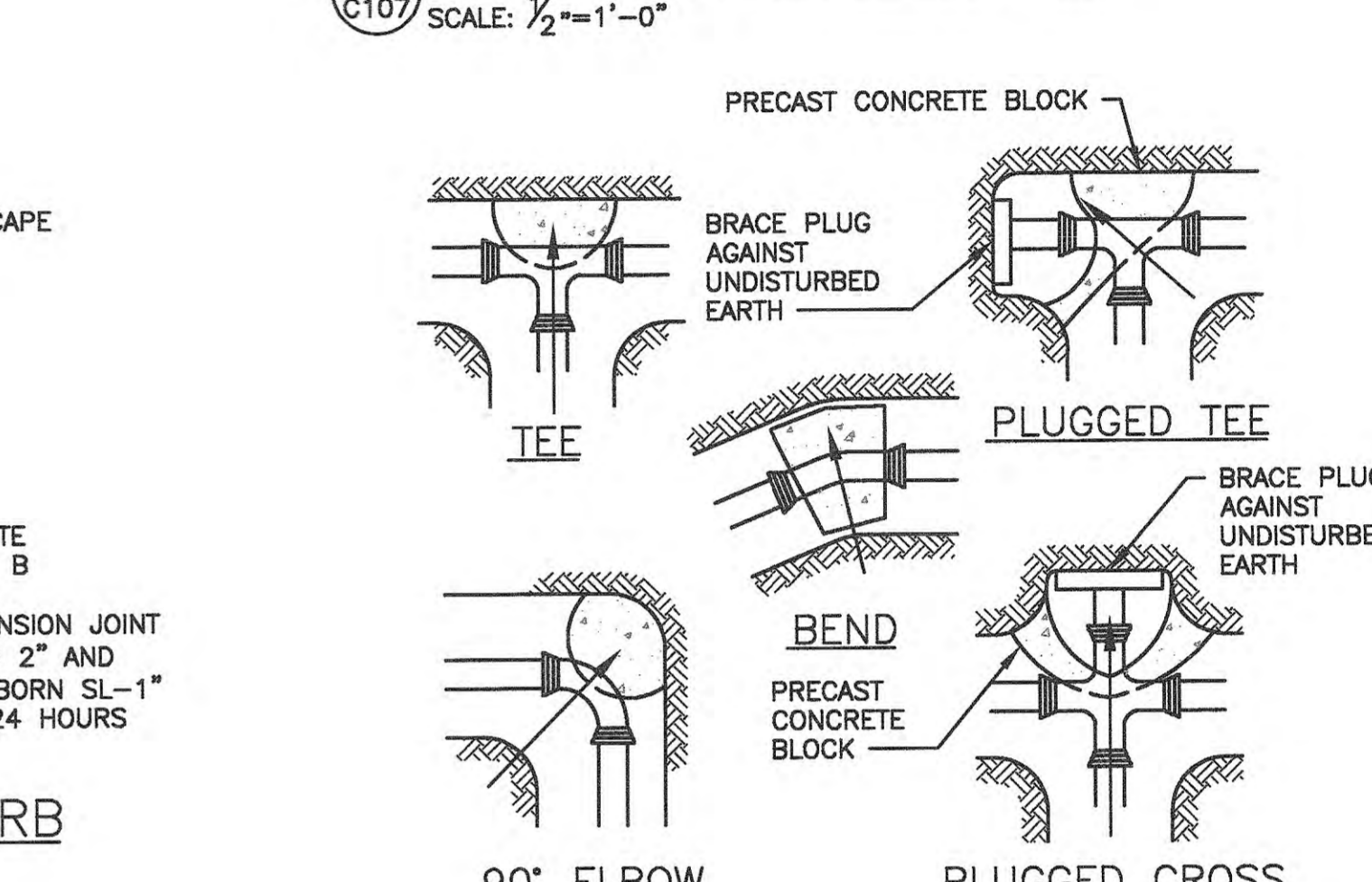
11 SIDEWALK RAMP @ CURB & GUTTER
C107 SCALE: NONE



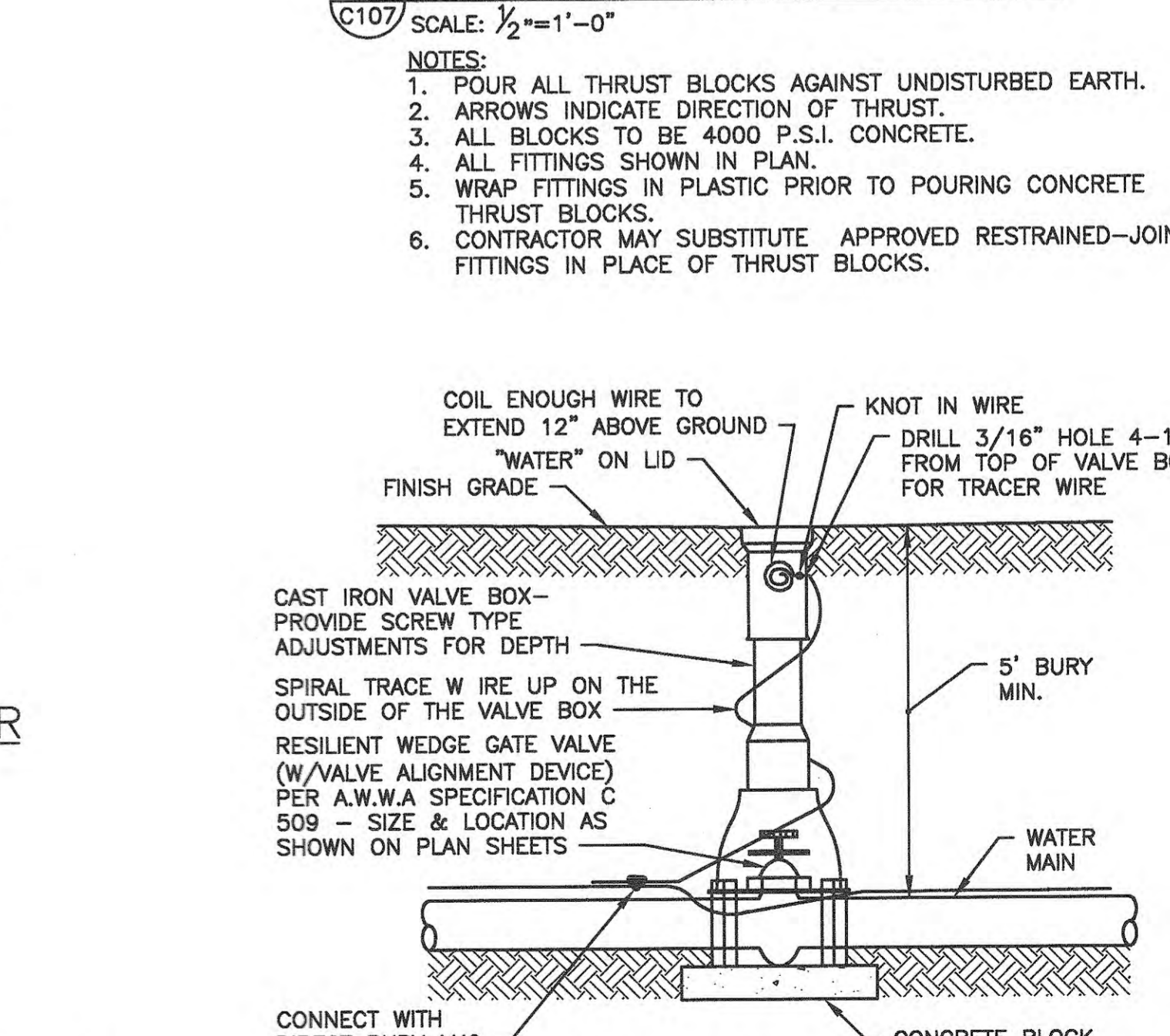
12 PAVEMENT PATCH
C107 SCALE: NONE



13 TYPICAL HYDRANT INSTALL
C107 SCALE: 1/2"=1'-0"



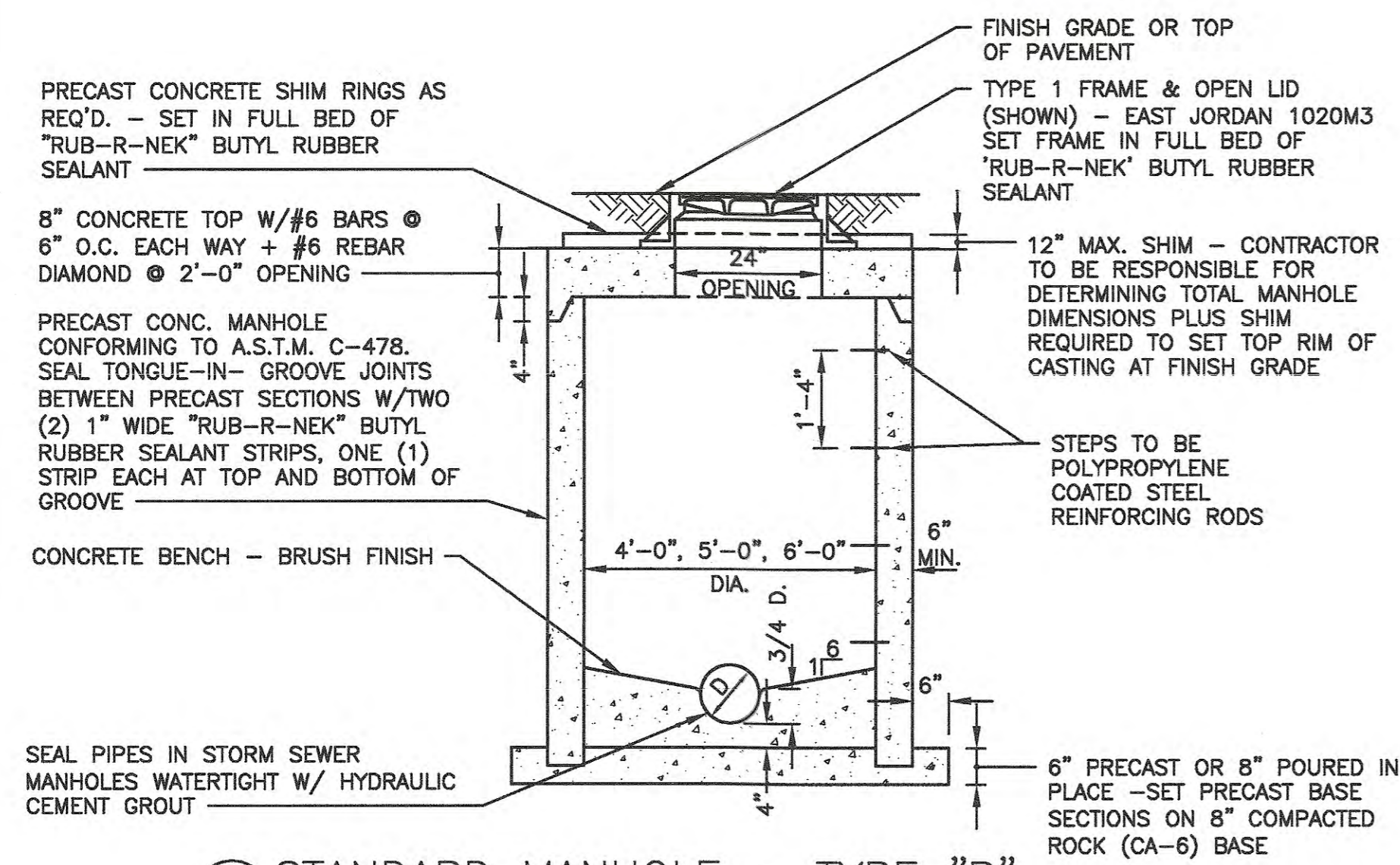
14 THRUST BLOCK INSTALLATION
C107 SCALE: 1/2"=1'-0"



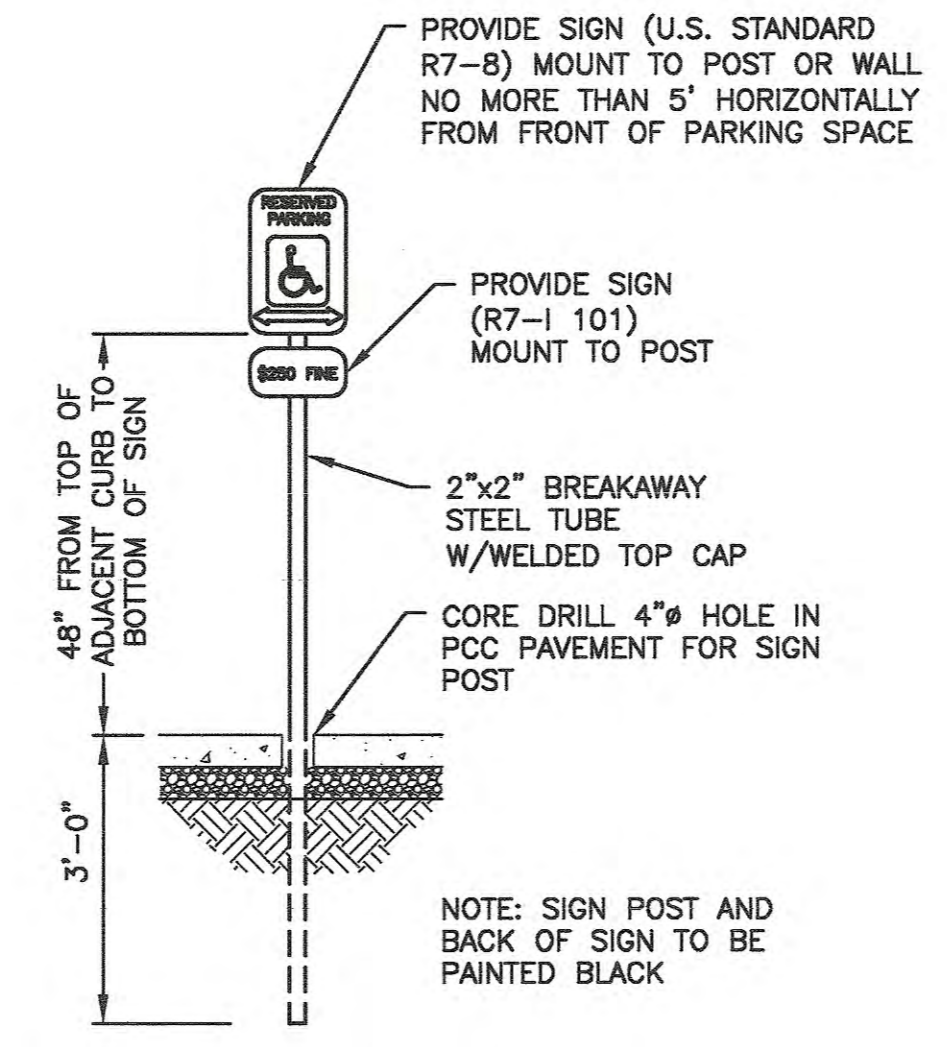
15 TYPICAL VALVE INSTALLATION
C107 SCALE: 1/2"=1'-0"

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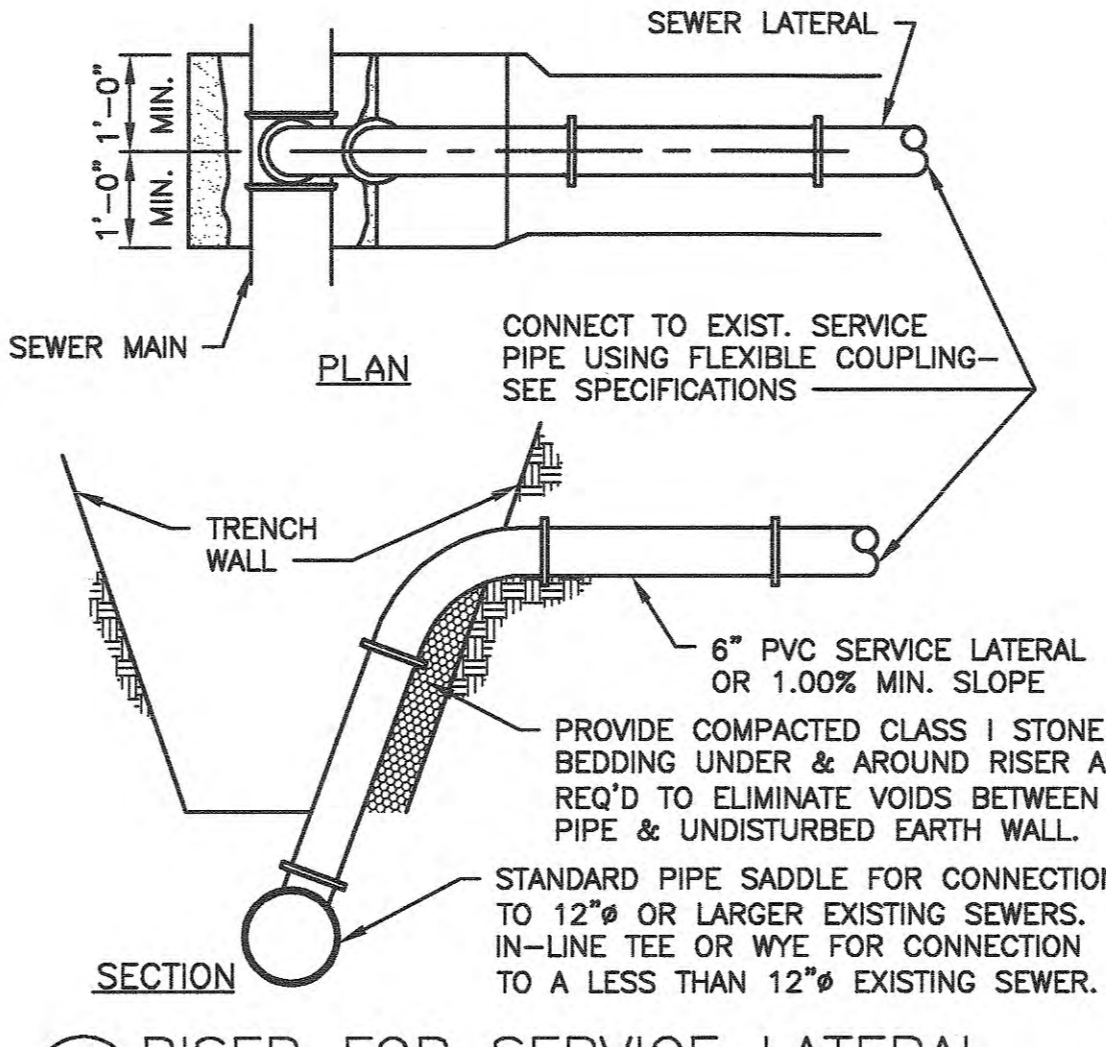
<p>City of Galesburg 55 W. Tompkins Street Galesburg, IL 61402 (309) 343-4181</p>	<p>Massie Massie + Associates 1210 South 5th Street Springfield, IL 62703 (217) 544-3210</p>	<p>Bruner, Cooper, & Zuck, Inc. 188 E. Simmons Street Galesburg, IL 61401 (309) 343-9282</p>	<p>Johnson Engineering, P.C. 1 North Old River Capital Plaza Suite 310 Springfield, IL 62701 Email: JJohnson@johnsonengineeringpc.com www.johnsonengineeringpc.com Ph: 217.528.8500 Fax: 217.528.8500</p>		NUMBER: 01 DATE: 10/22/2018 ISSUE: ISSUED FOR BIDDING	PARK PLAZA AND PARKING LOT E Details I
					DESIGNED: ALL DRAWN: RLR/BCB REVIEWED: KJC	



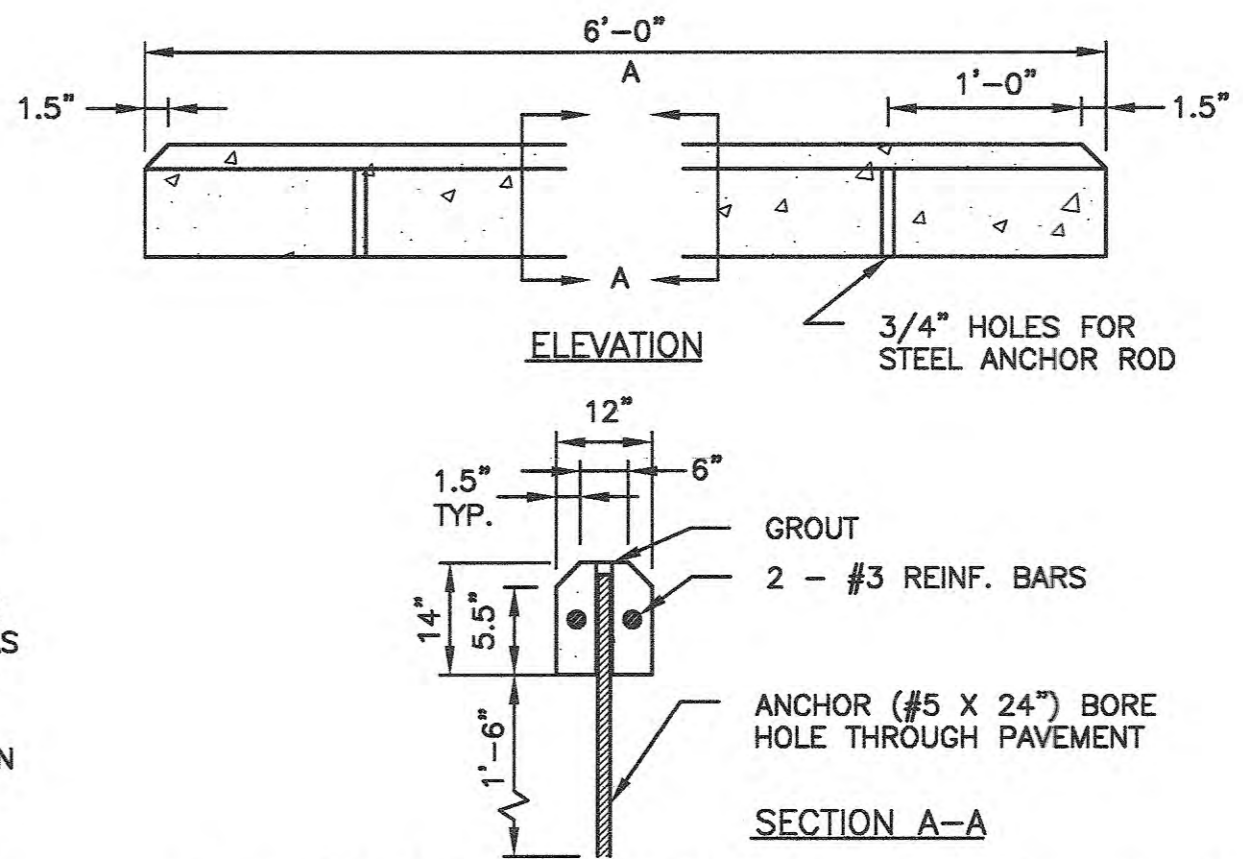
1 STANDARD MANHOLE - TYPE "B"
C108 SCALE: NONE



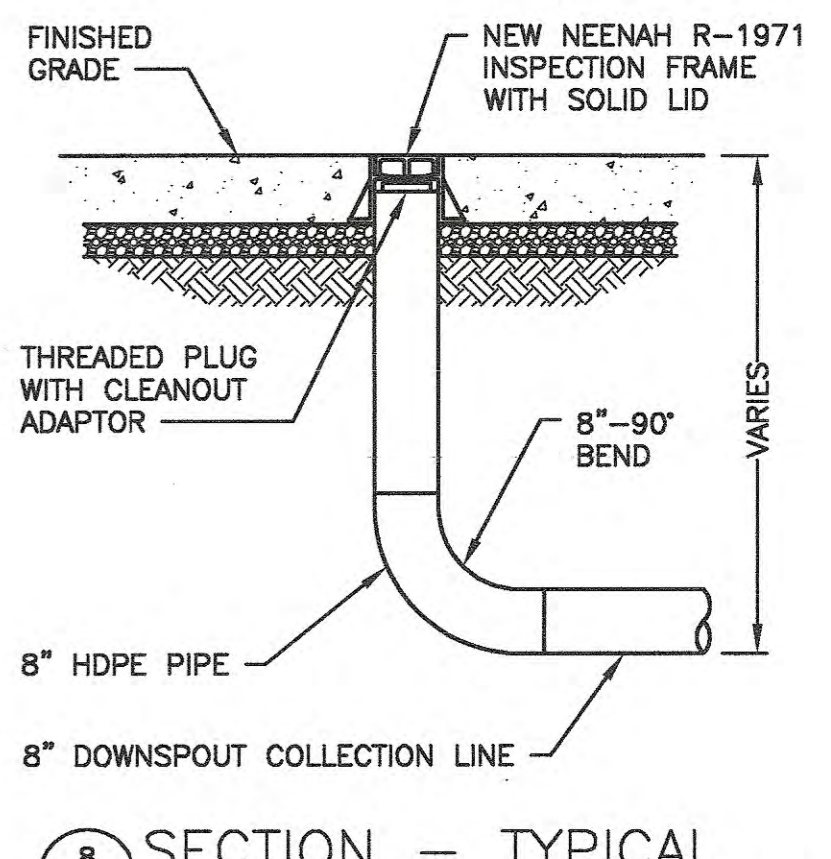
4 HANDICAP PARKING SIGN
C108 SCALE: NONE



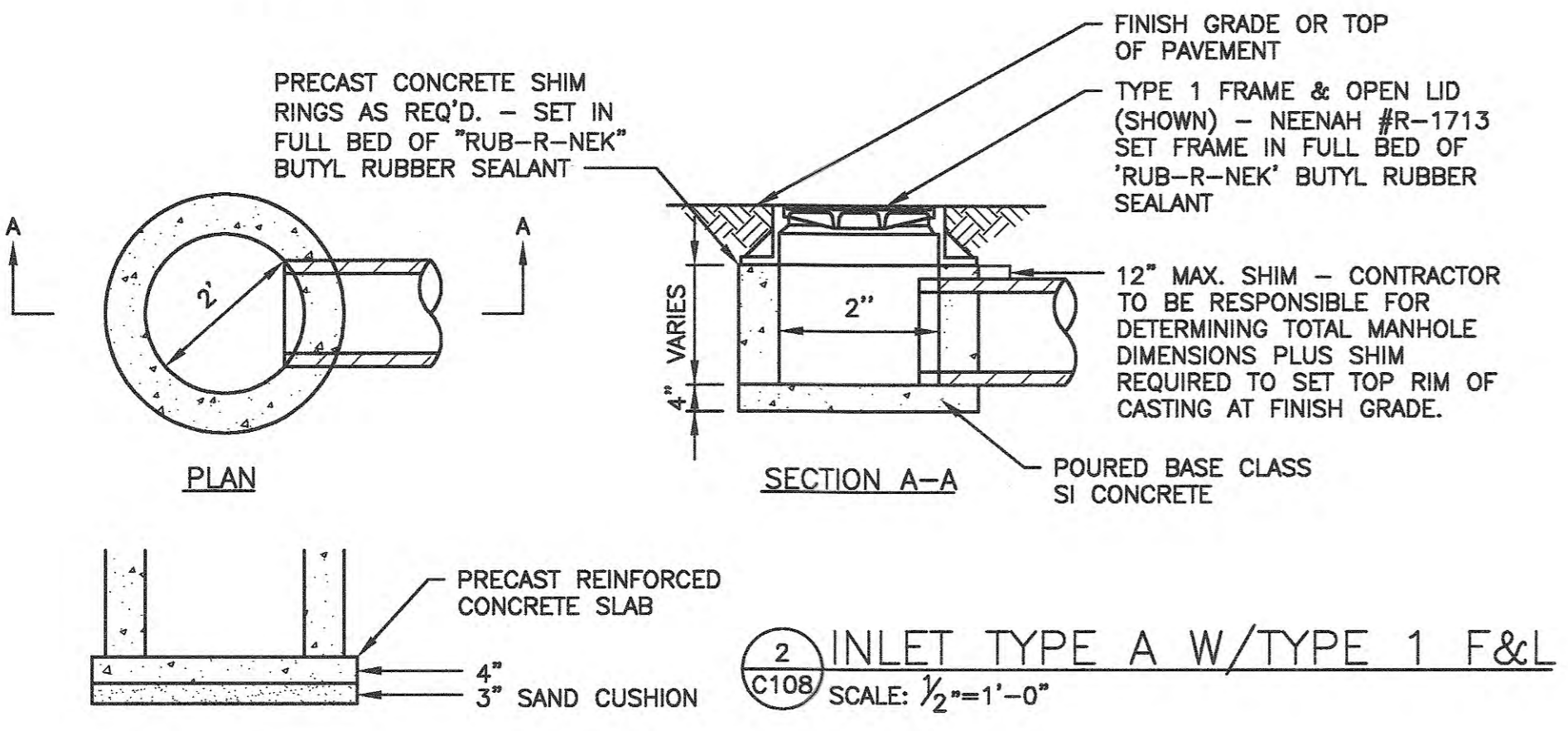
6 RISER FOR SERVICE LATERAL
C108 SCALE: 1/2"=1'-0"



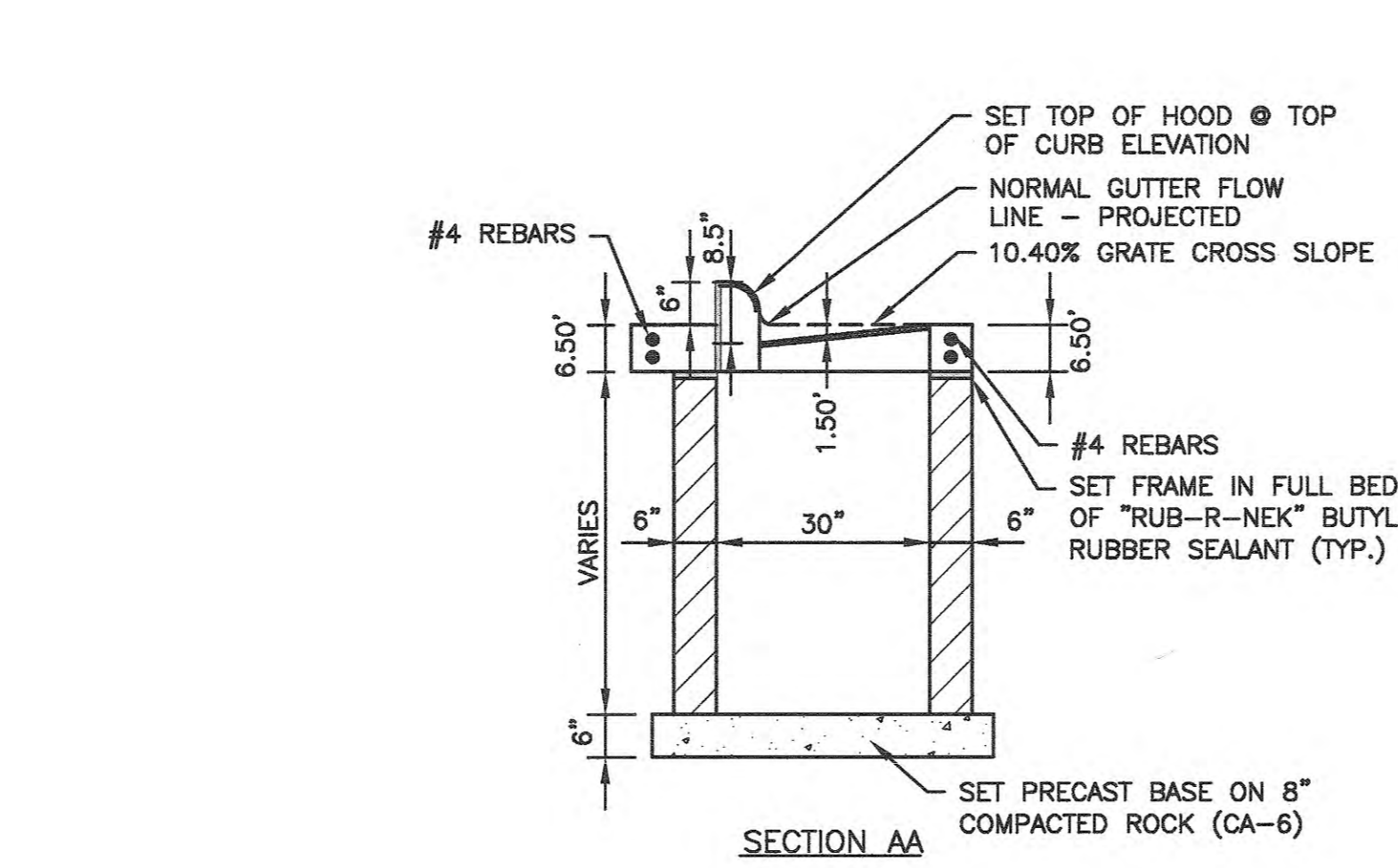
7 PRECAST CONCRETE WHEEL STOP
C108 SCALE: NONE



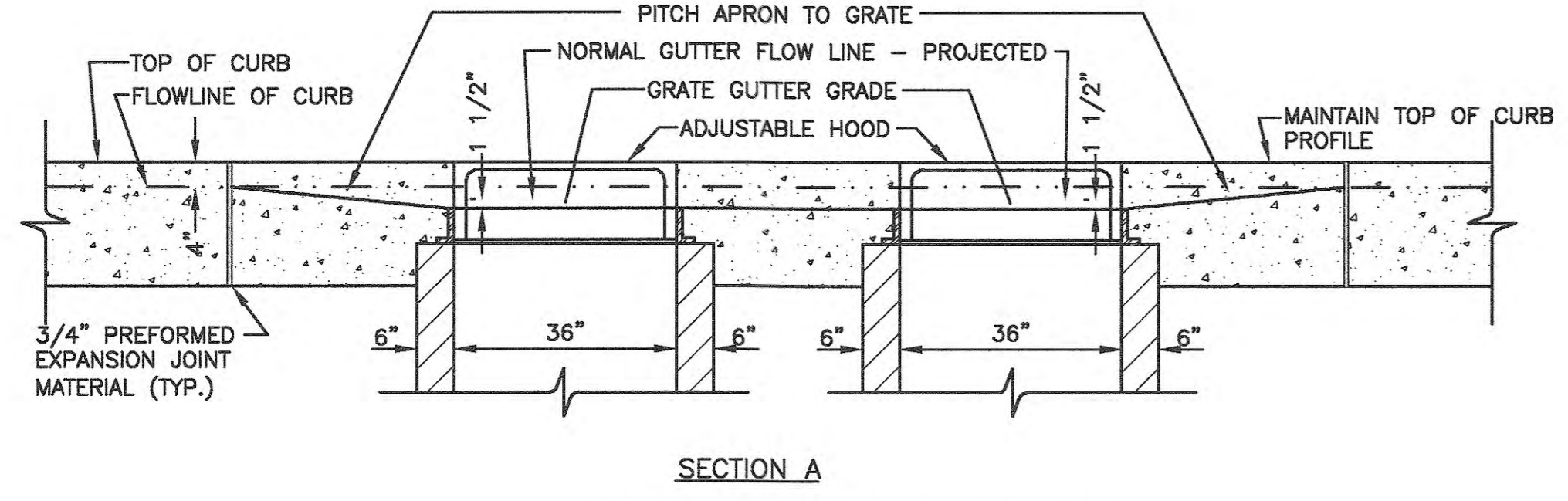
8 SECTION - TYPICAL 90° BEND W/CLEANOUT
C108 SCALE: NONE



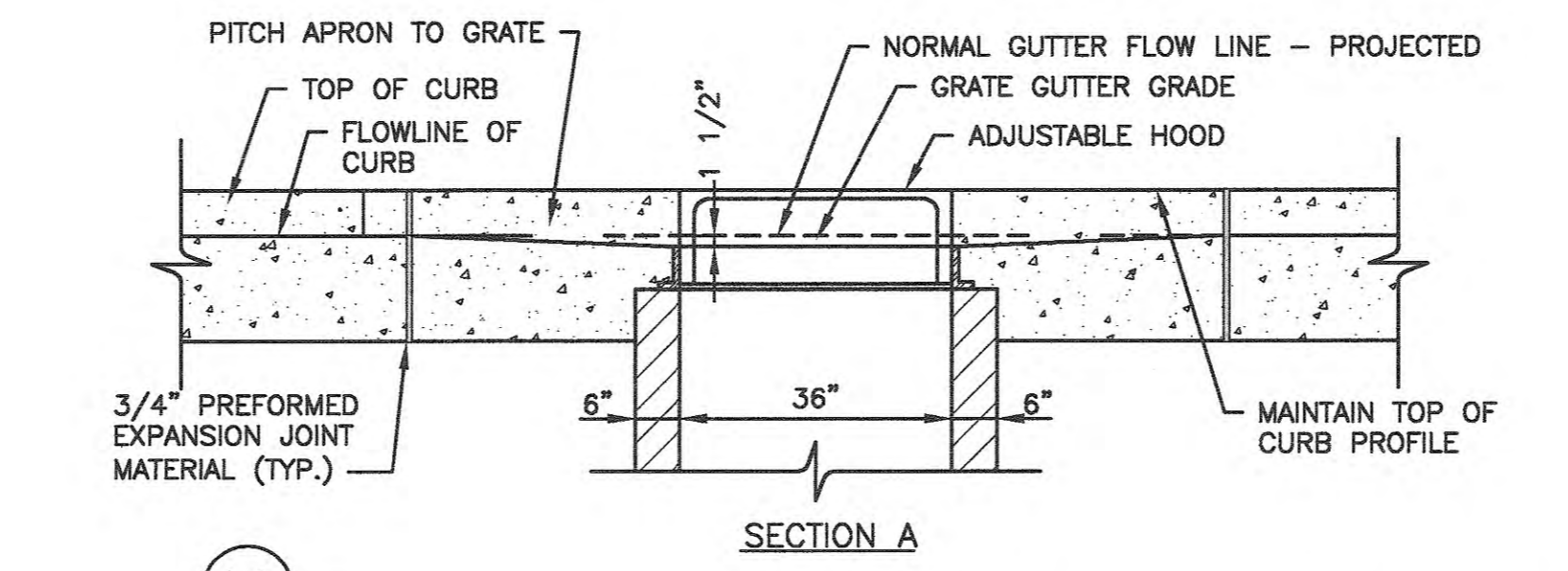
2 INLET TYPE A W/TYPE 1 F&L
C108 SCALE: 1/2"=1'-0"



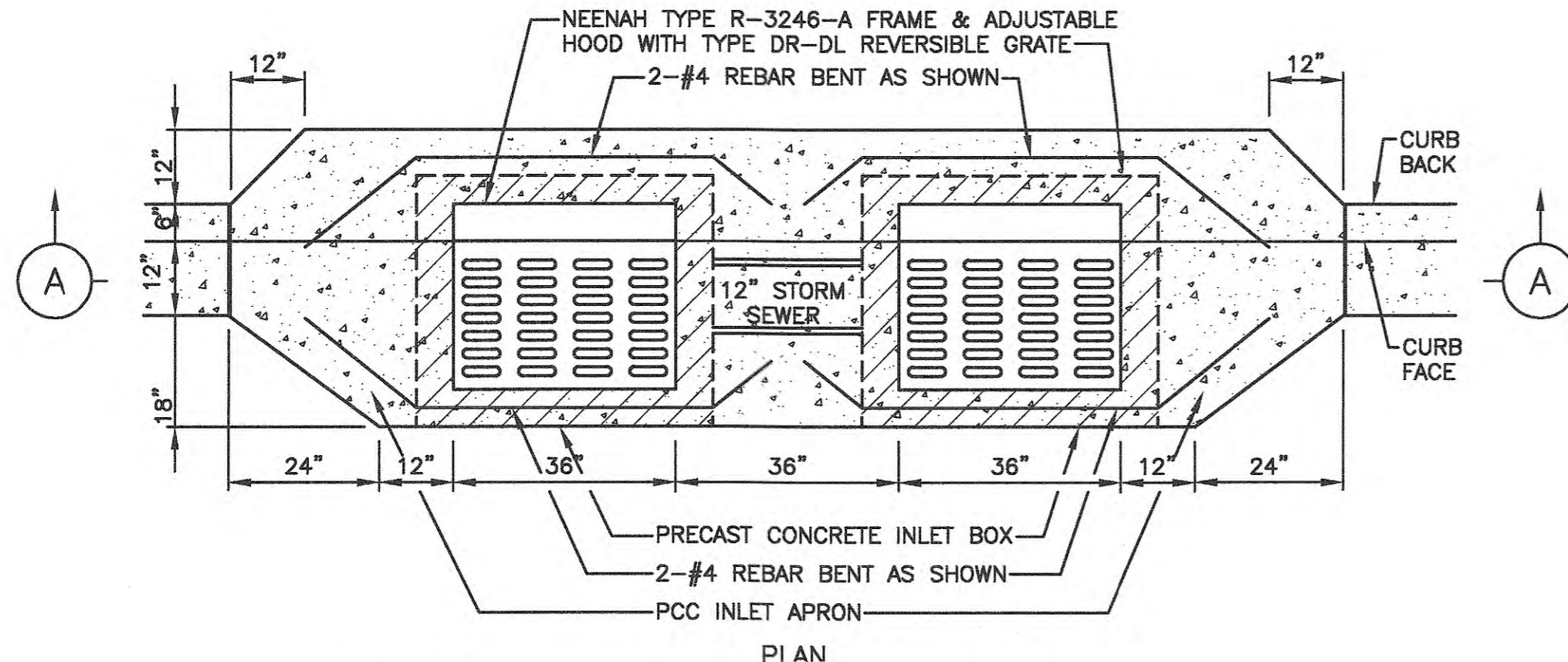
5 INLET TYPE G1 SPECIAL
C108 SCALE: 1/2"=1'-0"



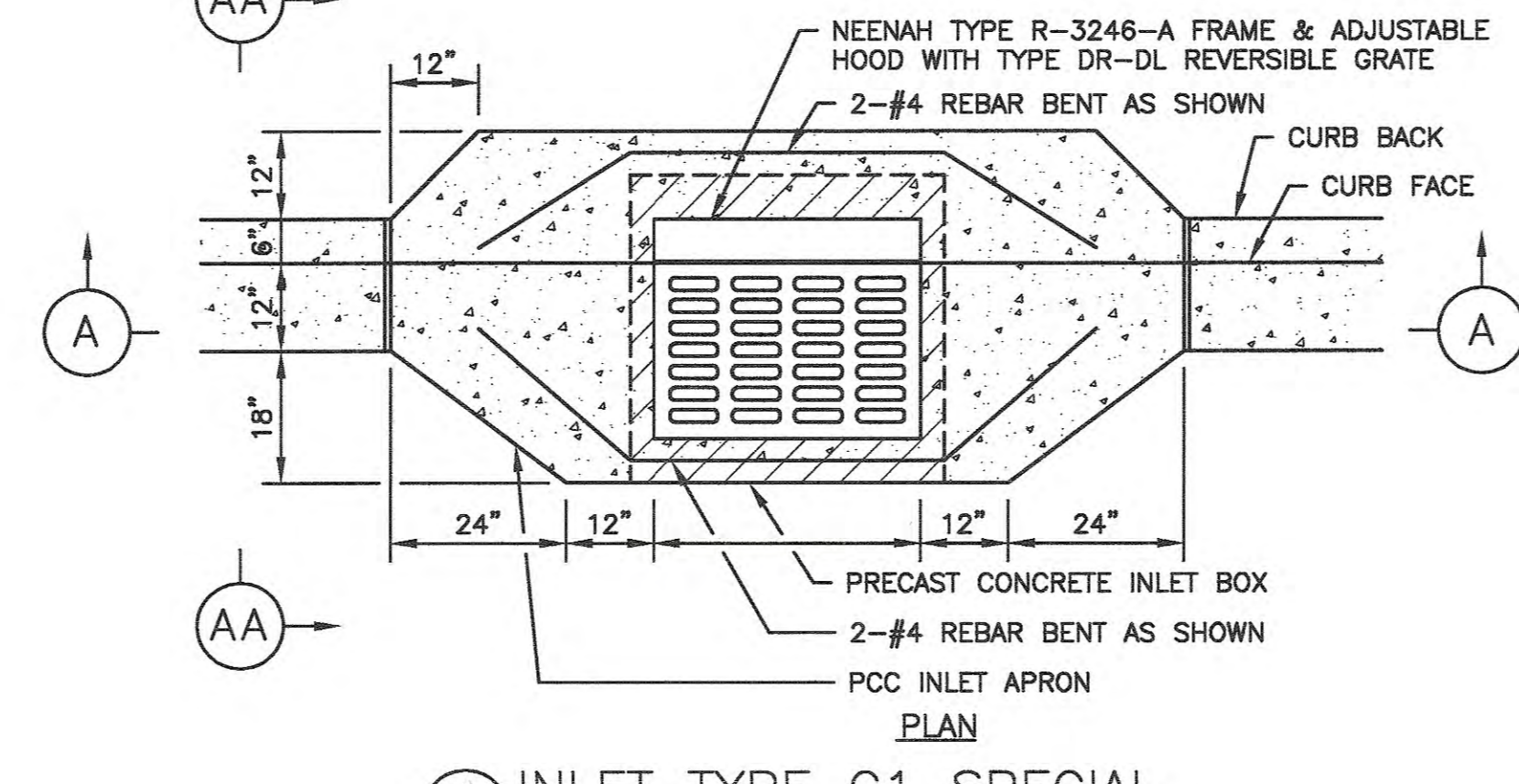
3 DOUBLE INLET TYPE G1 SPECIAL
C108 SCALE: 1/2"=1'-0"



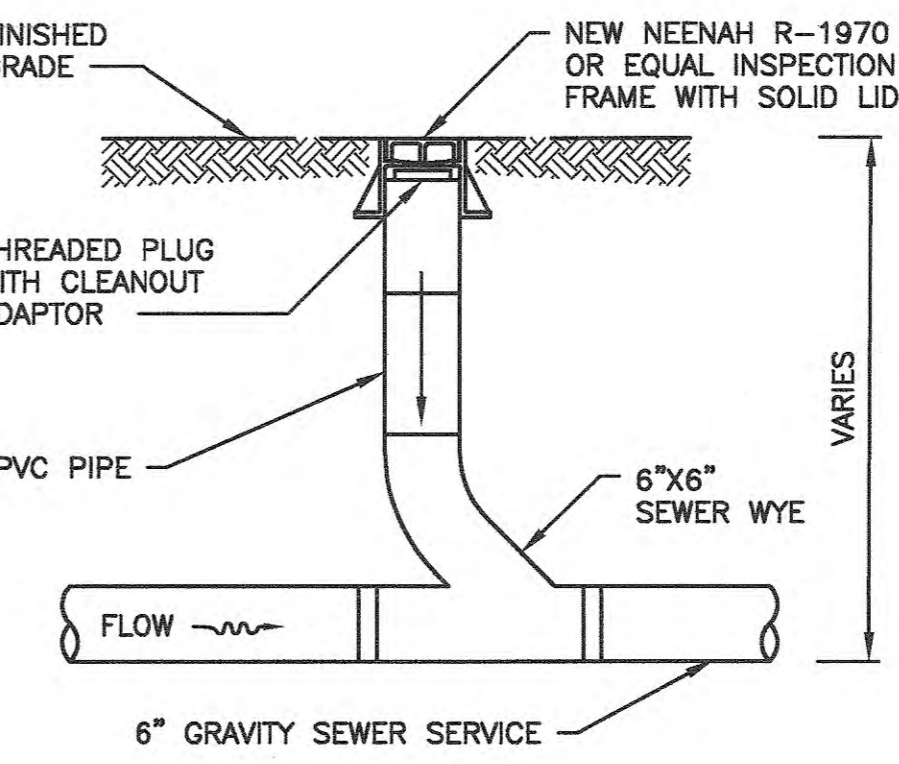
5 INLET TYPE G1 SPECIAL
C108 SCALE: 1/2"=1'-0"



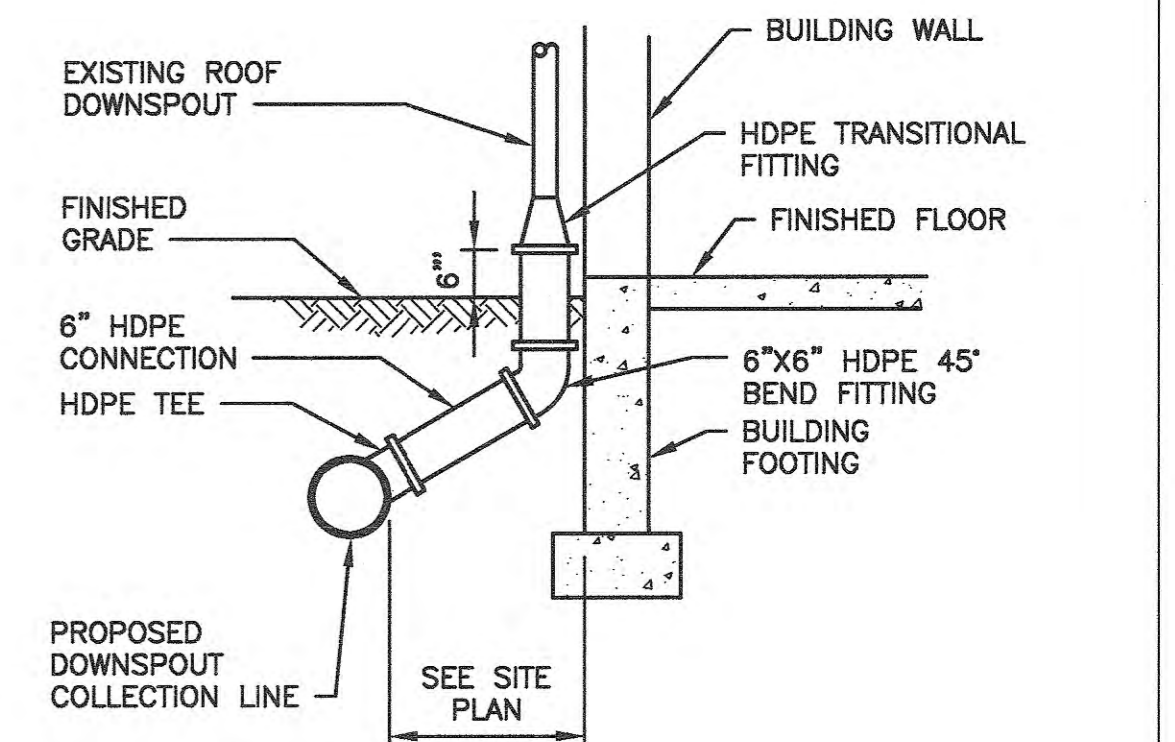
3 DOUBLE INLET TYPE G1 SPECIAL
C108 SCALE: 1/2"=1'-0"



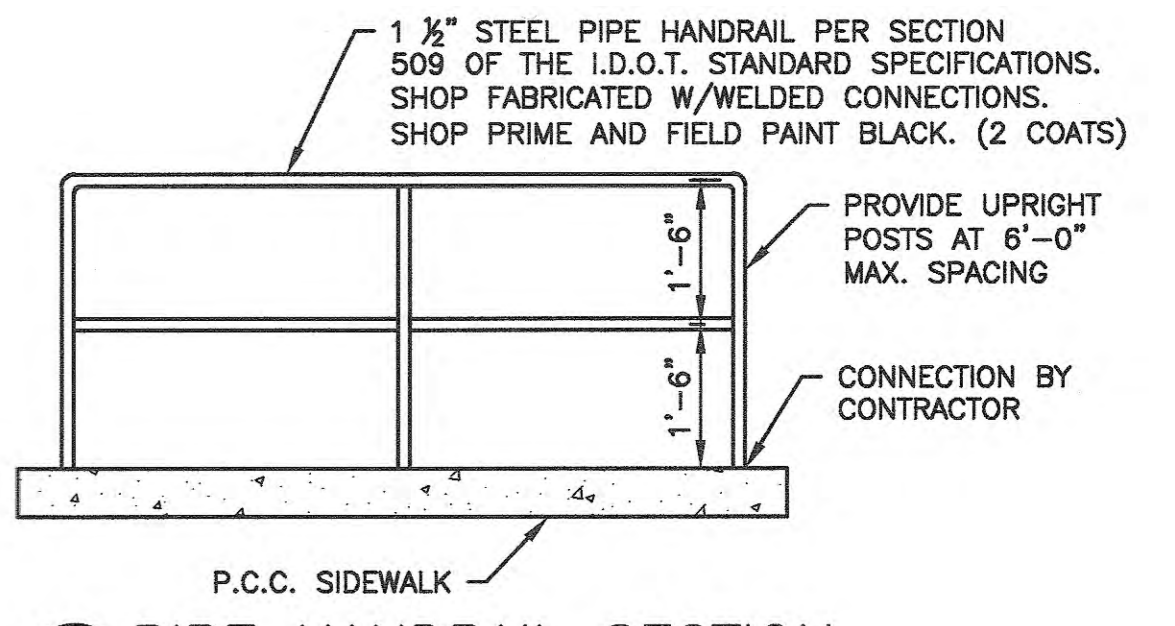
5 INLET TYPE G1 SPECIAL
C108 SCALE: 1/2"=1'-0"



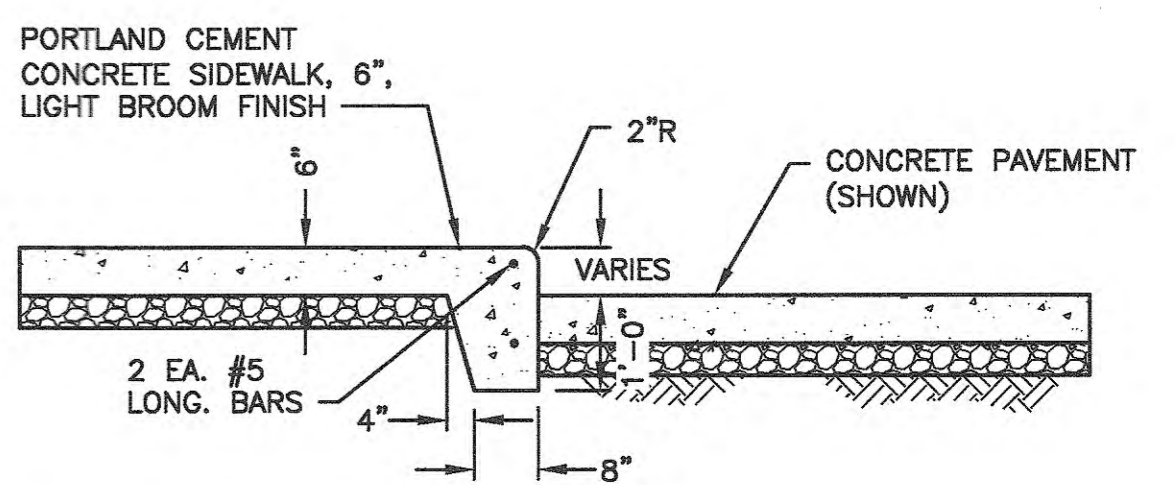
9 SECTION - TYPICAL WYE IN LINE CLEANOUT
C108 SCALE: NONE



10 BUILDING DOWNSPOUT CONNECTION
C108 SCALE: 1/2"=1'-0"

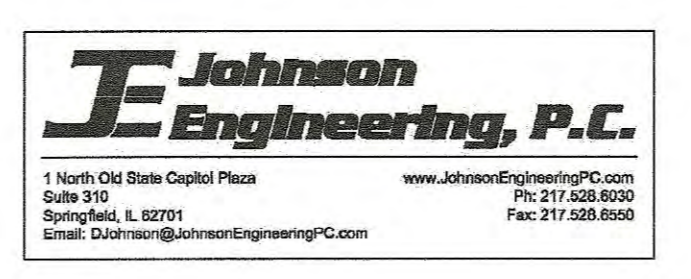
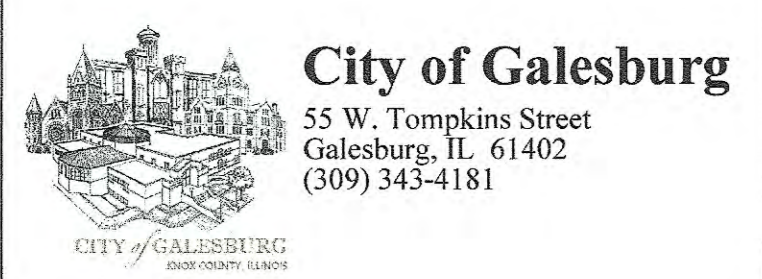


11 PIPE HANDRAIL SECTION
C108 SCALE: NONE
NOTE: CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO OWNER FOR REVIEW.



12 ELEVATED SIDEWALK
C108 SCALE: NONE

ISSUED FOR BIDDING (10.22.2018)

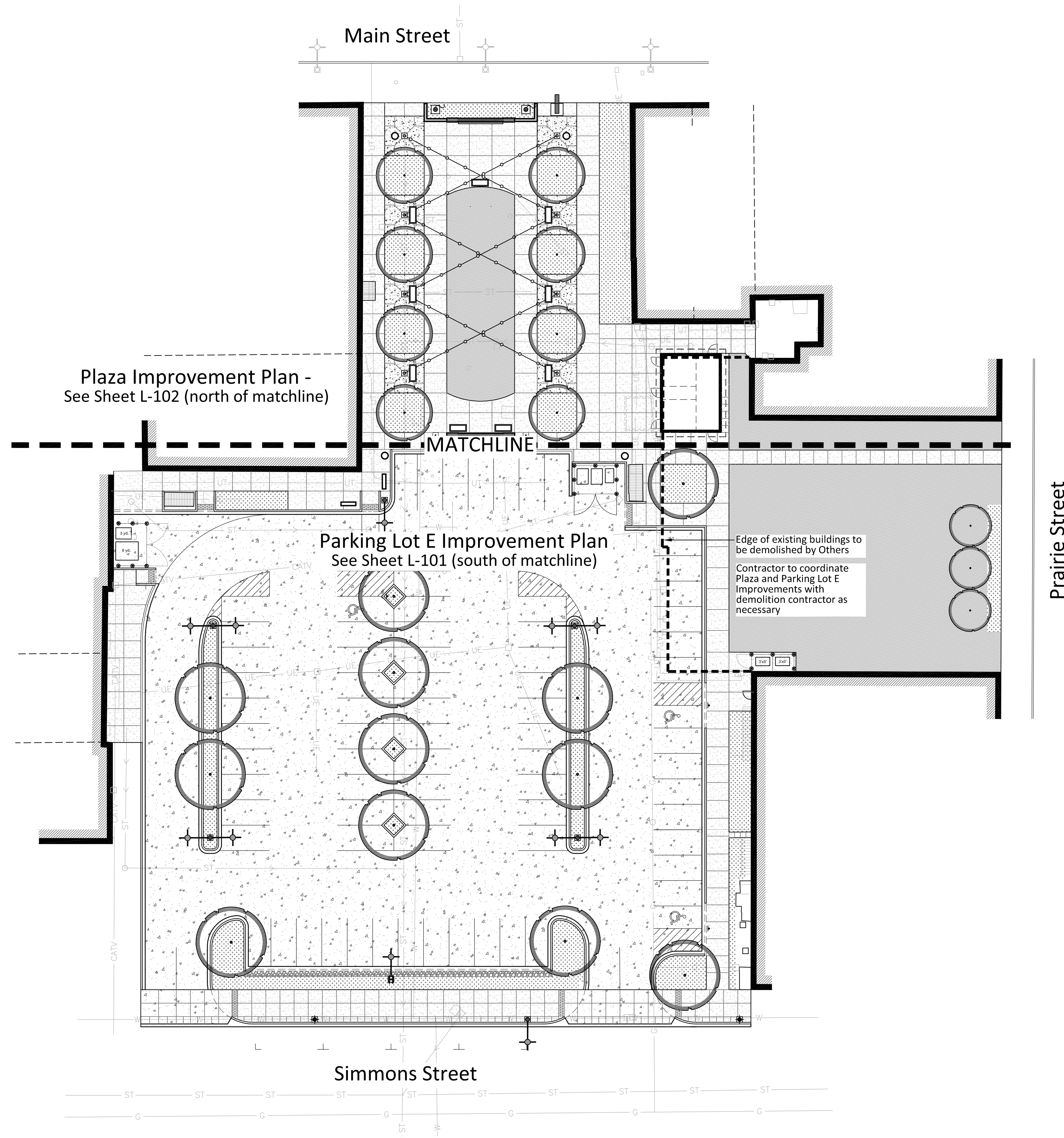


Date:	10-22-2018
Contract No:	PPPLE-2017
DESIGNED:	ALL
DRAWN:	RLR/BCB
REVIEWED:	KJC

NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

PARK PLAZA AND PARKING LOT E
Details II

C-108



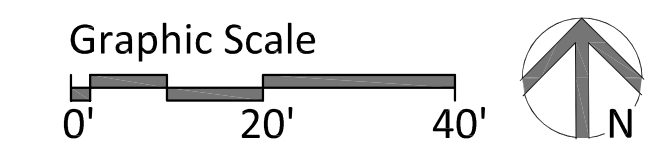
LEGEND

- Concrete driveway and parking pavement, 8' depth
- Concrete sidewalk with tooled score joints
- Colored concrete pavement (Dark Redwood color)
- Gravel border
- Warning border
- Plaza walls
- Dumpster enclosure walls
- Seat wall
- Double fixture light assembly
- Single fixture light assembly
- Pedestrian lights
- Plaza lights
- Overhead cables with string lights
- Retractable Bollard
- Dumpster Gate
- Flagpole, 25' ht.
- Planter
- Bench, 6' length
- Relocated Sculpture
- Trash Receptacle
- Parking Lot Sign
- Handicap Parking Sign
- Plant bed (24" topsoil min.)
- Turf Sod (16" topsoil min.)
- Turf Seed (12" topsoil min.)

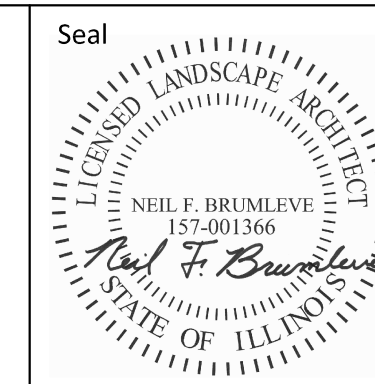
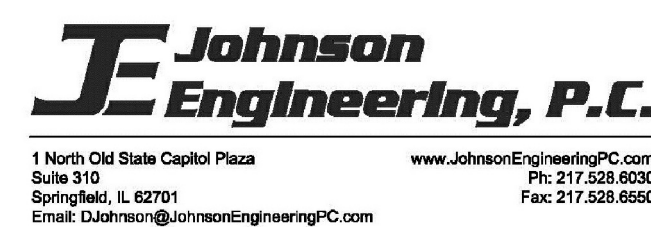
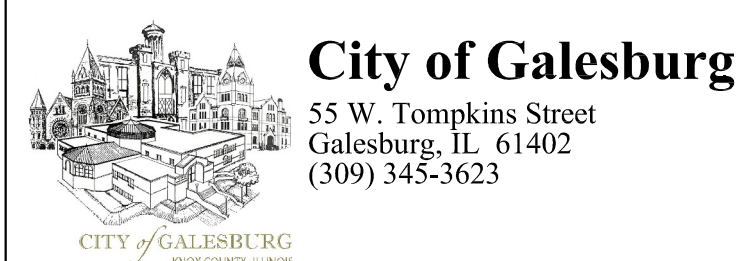
Plaza Improvement Plan -
See Sheet L-102 (north of matchline)

Parking Lot E Improvement Plan
See Sheet L-101 (south of matchline)

Edge of existing buildings to
be demolished by Others
Contractor to coordinate
Plaza and Parking Lot E
Improvements with
demolition contractor as
necessary



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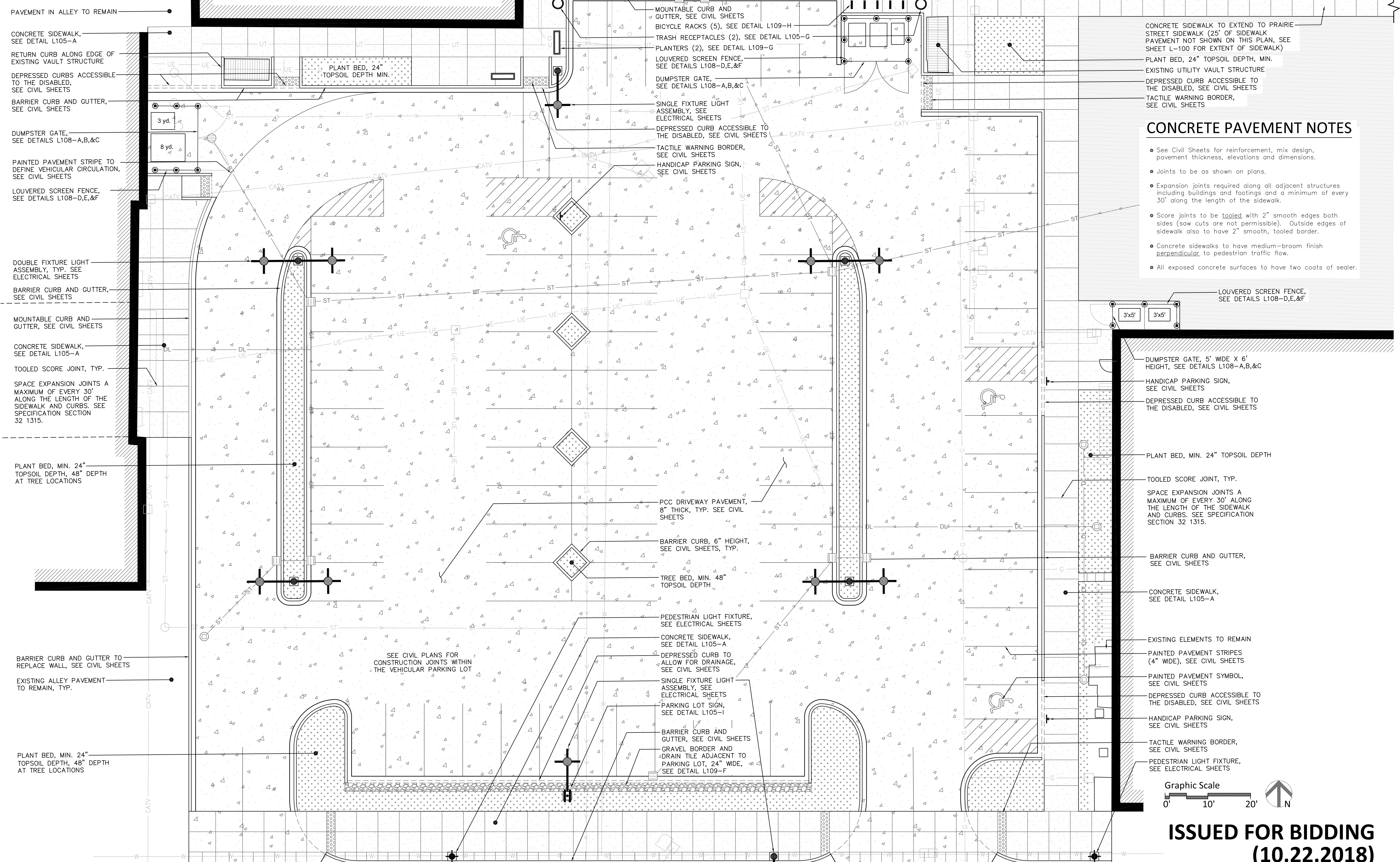
	NUMBER	DATE	ISSUE
Date:	10/22/2018		
Contract No:	PPPLE-2017	01	10/22/2018
DESIGNED	KLM		
DRAWN	NFB		
REVIEWED	KLM		

PARK PLAZA AND PARKING LOT E

Overall Site Improvement Plan

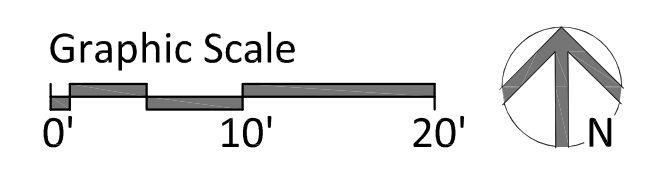
L-100

MATCHLINE



CONCRETE PAVEMENT NOTES

- See Civil Sheets for reinforcement, mix design, pavement thickness, elevations and dimensions.
- Joints to be as shown on plans.
- Expansion joints required along all adjacent structures including buildings and footings and a minimum of every 30' along the length of the sidewalk.
- Score joints to be tooled with 2" smooth edges both sides (saw cuts are not permissible). Outside edges of sidewalk also to have 2" smooth, tooled border.
- Concrete sidewalks to have medium-broom finish perpendicular to pedestrian traffic flow.
- All exposed concrete surfaces to have two coats of sealer.



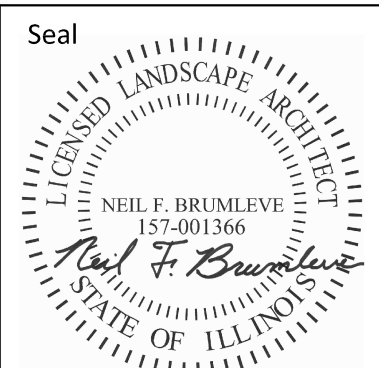
**ISSUED FOR BIDDING
(10.22.2018)**

City of Galesburg
55 W. Tompkins Street
Galesburg, IL 61402
(309) 345-3623

MMA
Massie Massie + Associates
1210 South 5th Street
Springfield, IL 62703
(217) 544-3210

Bruner, Cooper, & Zuck, Inc.
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Fax: 217.528.8550



DESIGNED	KLM
DRAWN	NFB
REVIEWED	KLM

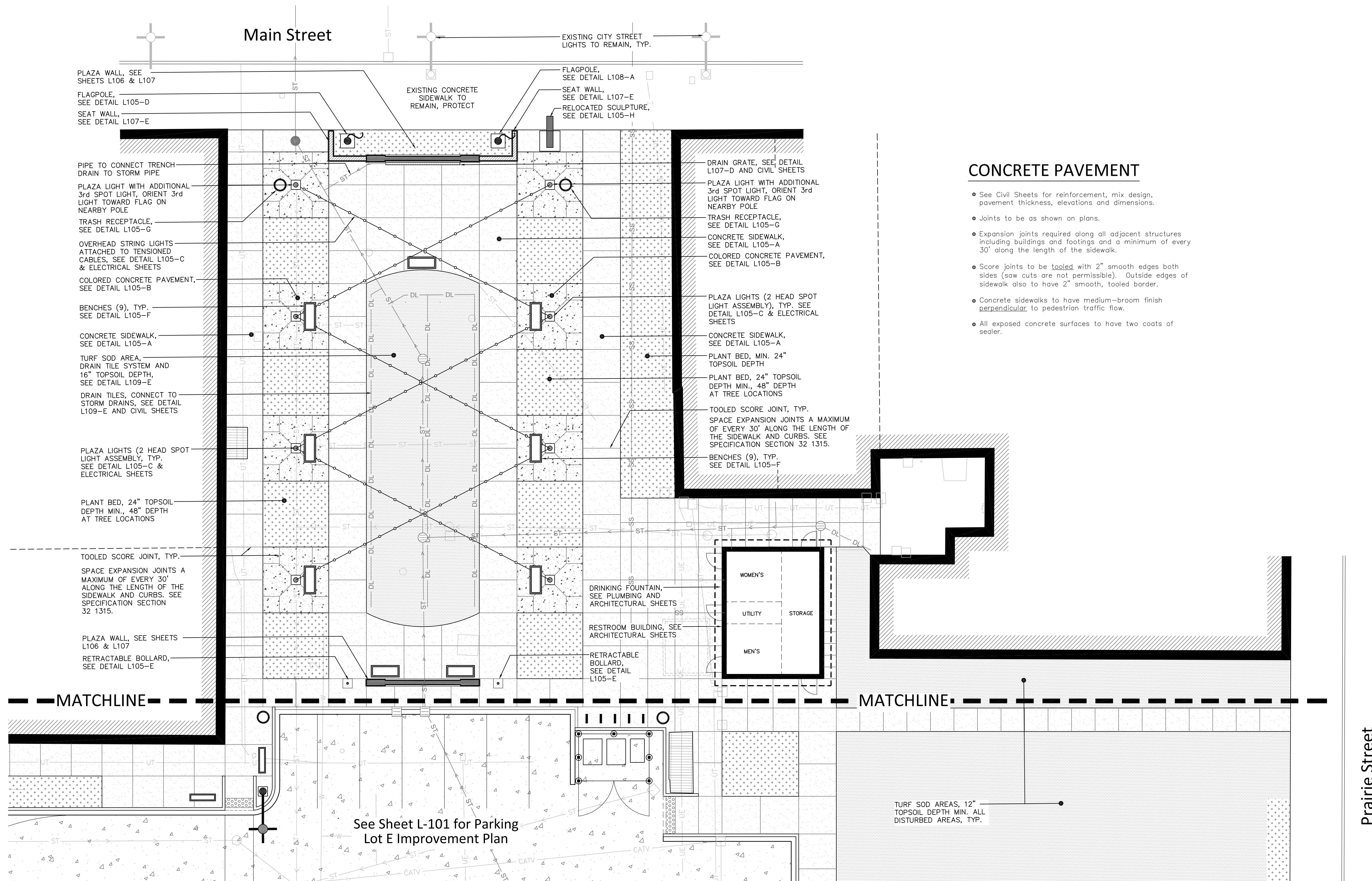
NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

Date: 10/22/2018
Contract No: PPPLE-2017

PARK PLAZA AND PARKING LOT E

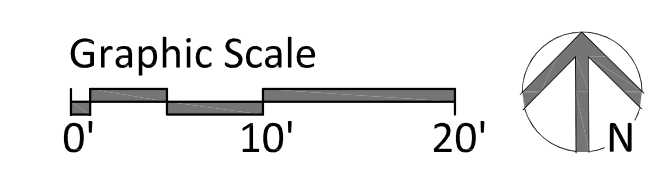
Parking Lot E Improvement Plan

L-101



CONCRETE PAVEMENT

- See Civil Sheets for reinforcement, mix design, pavement thickness, elevations and dimensions.
- Joints to be as shown on plans.
- Expansion joints required along all adjacent structures including buildings and footings and a minimum of every 30' along the length of the sidewalk.
- Score joints to be tooled with 2" smooth edges both sides (saw cuts are not permissible). Outside edges of sidewalk also to have 2" smooth, tooled border.
- Concrete sidewalks to have medium-broom finish perpendicular to pedestrian traffic flow.
- All exposed concrete surfaces to have two coats of sealer.



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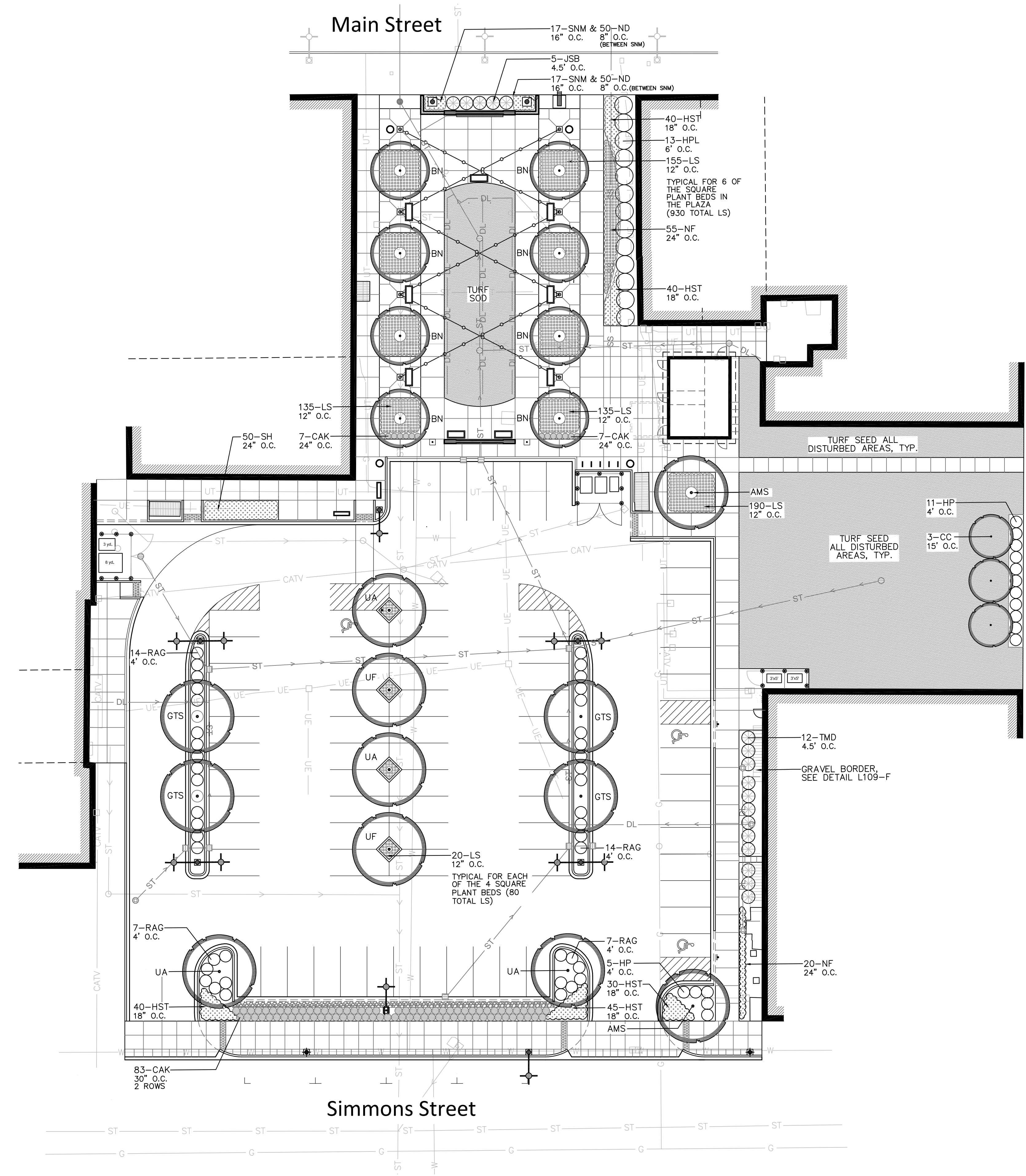
Seal
NEIL F. BRUMBLEVE
157-001566
OF ILLINOIS

DESIGNED	KLM
DRAWN	NFB
REVIEWED	KLM

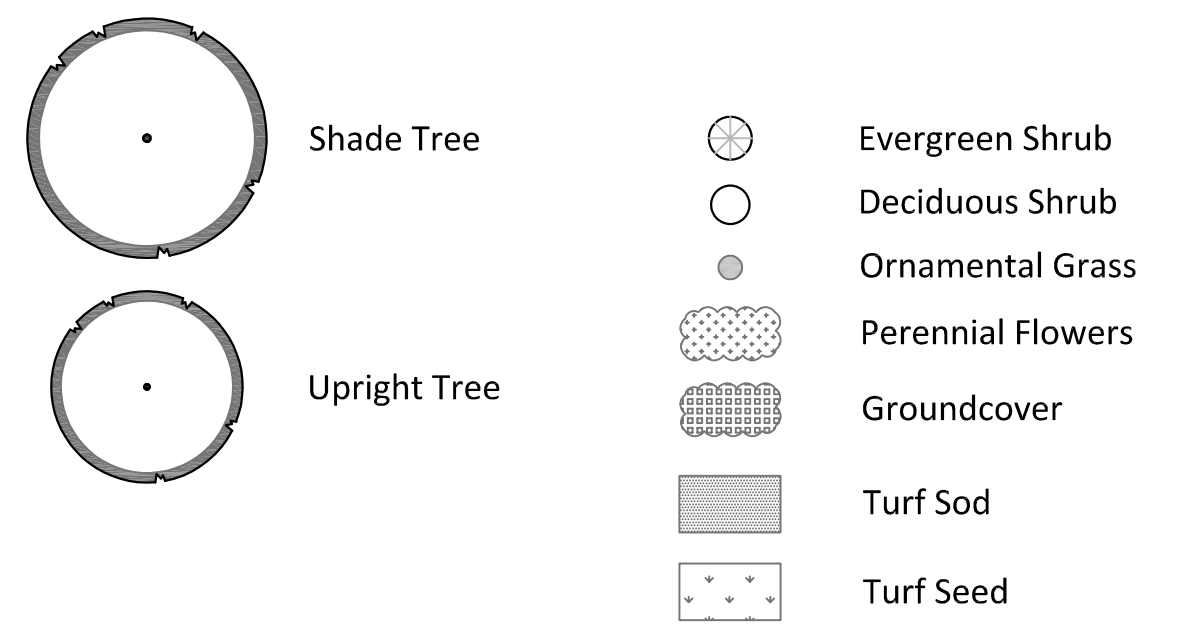
NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

PARK PLAZA AND PARKING LOT E
Park Plaza Improvement Plan

L-102



PLANT LEGEND



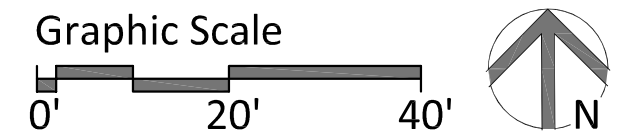
PLANT SCHEDULE

DESIGNATION	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
TREES				
AMS	ACER MIYABEI 'STATE STREET'	STATE STREET MIYABE MAPLE	3" CALIPER, B.B.	2
BN*	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	2.5" CALIPER, B.B.	8
CC	CERCIS CANADENSIS	EASTERN REDBUD	MULTI-STEM 10' HT, B.B.	3
GTS	GLEDITSIA TRIACANTHOS INERMIS 'STREET KEEPER'	STREET KEEPER THORNLESS HONEYLOCUST	3" CALIPER, B.B.	4
UA	ULMUS X ACCOLADE	ACCOLADE ELM	3.5" CALIPER, B.B.	4
UF	ULMUS 'FRONTIER'	FRONTIER ELM	3.5" CALIPER, B.B.	2
EVERGREEN SHRUBS				
JSB	JUNIPERUS SABINA 'BUFFALO'	BUFFALO JUNIPER	5-GAL. 30" SP.	5
TMD	TAXUS X MEDIA 'DENSIFORMIS'	DENSE ANGLOJAP YEW	5-GAL. 36" SP.	12
DECIDUOUS SHRUBS				
HP	HYDRANGEA PANICULATA 'LITTLE LIME'	LITTLE LIME PANICLED HYDRANGEA	5-GAL. 30" HT.	16
HPL	HYDRANGEA PANICULATA 'LIMELIGHT'	LIMELIGHT PANICLED HYDRANGEA	5-GAL. 36" HT.	13
RAG	RHUS AROMATICA 'GRO-LOW'	GRO LOW FRAGRANT SUMAC	5-GAL. 30" SP.	42
ORNAMENTAL GRASS				
CAK	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	1 GAL. WELL DEVELOPED	97
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL. WELL DEVELOPED	50
PERENNIAL FLOWERS, GROUNDCOVER, AND BULBS				
HST	HEMEROCALLIS STELLA D'ORO	STELLA D'ORO DAYLILY	1 GAL. WELL DEVELOPED	195
LS	LIRIOPE SPICATA	CREEPING LILYTURF	4" CONT. WELL DEVELOPED	1,470
ND	NARCISSUS 'DUTCH MASTER'	DUTCH MASTER DAFFODIL	PREMIUM BULB	100
NF	NEPETA X FAASENII 'WALKER'S LOW'	WALKERS LOW CATMINT	1 GAL. WELL DEVELOPED	75
SNM	SALVIA NEMEROSA 'MAY NIGHT'	MAY NIGHT SAGE	1 GAL. WELL DEVELOPED	34

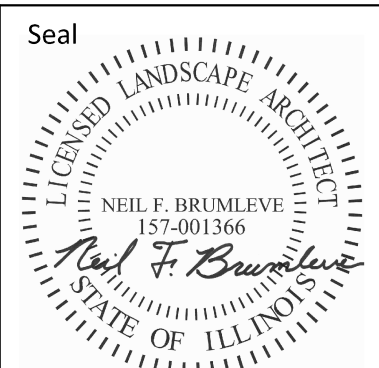
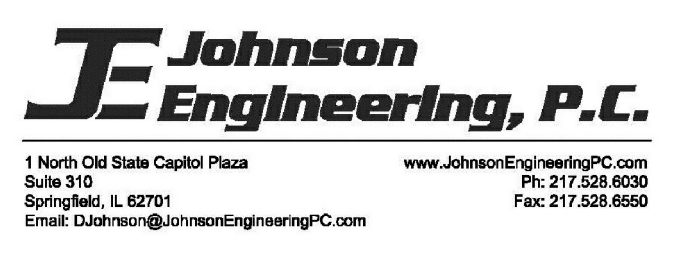
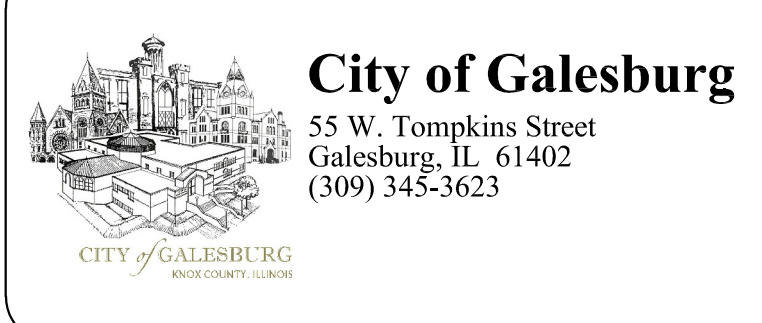
* INDICATES TREE TO BE SELECTED IN THE NURSERY BY LANDSCAPE ARCHITECT.

NOTES

- Quantities provided for contractors' convenience. It is the contractors' responsibility to verify quantities prior to bidding and ordering plant material.
- Contractor to verify utility locations prior to excavating for plants.
- Entire planting bed areas to be mulched.
- If existing turf areas are disturbed by construction operations, sod or seed all disturbed areas to blend with existing turf grass.



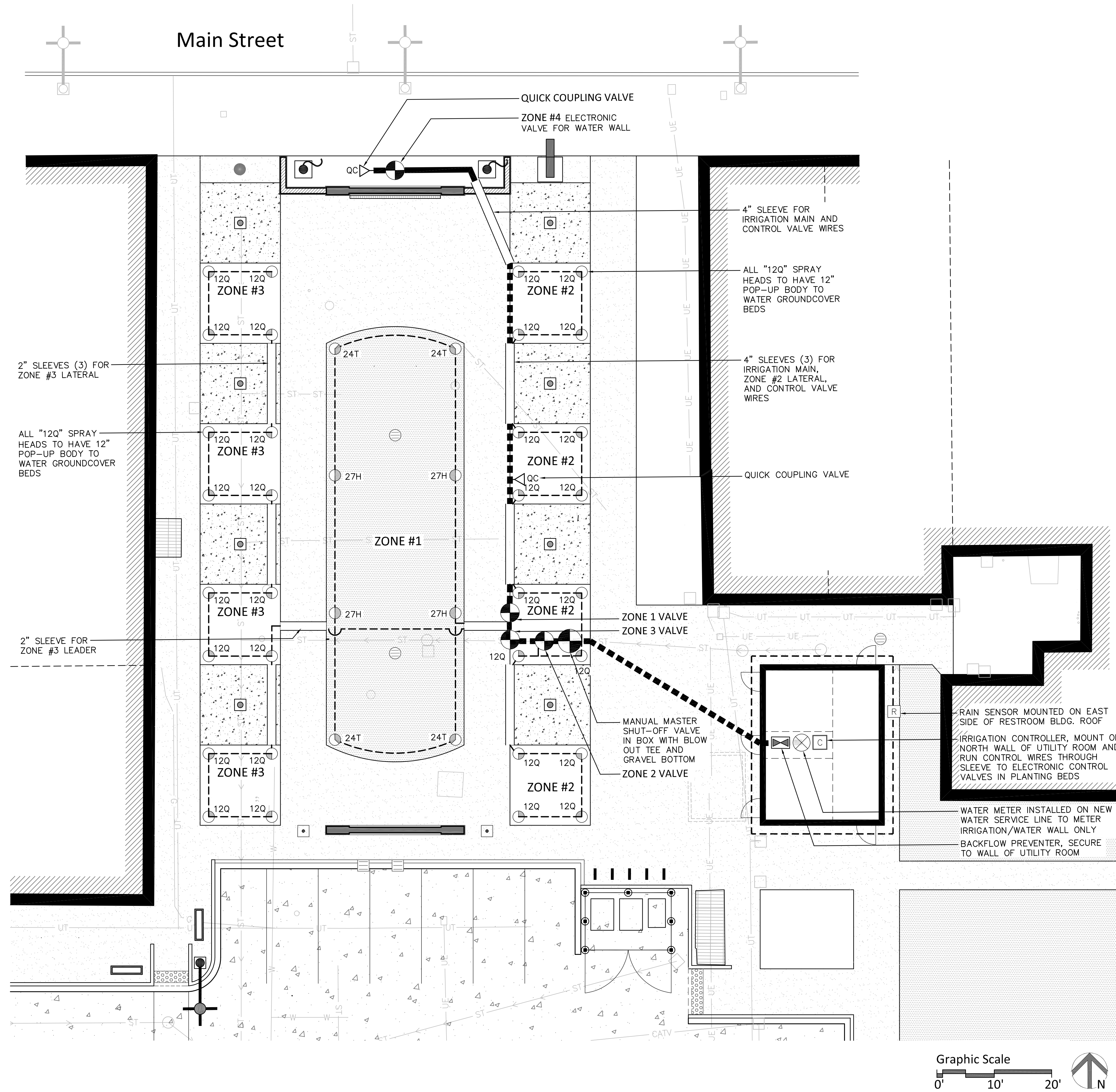
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DESIGNED	KLM
DATE:	10/22/2018
CONTRACT NO.:	PPPLE-2017
DRAWN	NFB
REVIEWED	KLM

PARK PLAZA AND PARKING LOT E
Planting Plan

L-103



LEGEND

- Irrigated Turf (spray/rotor)
- Main Line (2" Class 200 PVC)
- Laterals (1.5" Class 200 or 1" Class 160)
- Sleeves (size as shown)
- Water Meter, 1"
- Reduced Pressure Assembly Backflow Preventer: Watt's Series LF909
- Controller: Rainbird ESP4ME (4 total stations)
- Rain Sensor: Rainbird RSD-BEx
- Master Valve: Manual, Ball Valve
- Zone Valves:
Electric, pressure regulated, in-line, angle
Rainbird 100-PED-PRS-D for spray zones
Rainbird 150-PED-PRS-D for rotor zones
- Quick Coupling Valve:
One-piece, 1" single lug
Rainbird 33DLRC with locking cover
- Irrigation Heads:
DEGREE OF ARC
Q = 90° ARC
T = 120° ARC
H = 180° ARC
RADIUS IN FEET OF SPRAY (APPROX.)

IRRIGATION COMPONENTS

- Design Pressure and GPM**
System design based on 40 GPM @ 40 PSI dynamic pressure after the irrigation backflow preventer.
- Irrigation Main Line**
Main line: 2" diameter class 200 PVC.
- Irrigation Lateral Lines**
Lateral lines: 1" diameter class 160
- Backflow Preventer**
Reduce Pressure Assembly, Watt's Series LF909
- Controller**
Rainbird #ESP-Me Modular Timer. Controller to have 4 base stations housed in plastic, locking, wall mount case. Controller to be mounted in restroom building utility room as shown.
- Rain-Sensor**
Rainbird RSD-BEx Rain Sensor. Mount receiver next to the controller. Mount the sensor on top of the existing building roof.
- Master Valve**
Manual ball valve in valve box as shown on plan.
- Zone Valves**
Spray zone valves: 1" or 1.5" electric valve with pressure regulating module.
Rainbird 100-PED-PRS-D
Rainbird 150-PED-PRS-D (water wall zone only)
- Quick Coupling Valve**
Valve to be 1", one-piece body with lockable cover.
- Irrigation Rotor Heads (turf area)**
4" gear-driven rotor with adjustable arc.
Rainbird 3500 Series for rotor heads < 35' radius
- Irrigation Spray Heads (plant beds)**
12" pop up sprinkler with matched precipitation rate nozzle and pressure compensating device.
Rainbird 1800 Series for spray heads < 15' radius

OVERALL IRRIGATION SCHEDULE

UNITS	HEAD	DESCRIPTION	GPM
ZONE #1 (13.64 GPM)			
4	24T	3500 SERIES WITH 1.5 NOZZLE, 24" R., 120 DEGREE	1.48
4	27H	3500 SERIES WITH 2.0 NOZZLE, 27" R., 180 DEGREE	1.93
ZONE #2 (10.40 GPM)			
16	12Q	1800 SERIES WITH MPR NOZZLE, 12" R., 90 DEGREE	0.65
ZONE #3 (10.40 GPM)			
16	12Q	1800 SERIES WITH MPR NOZZLE, 12" R., 90 DEGREE	0.65
ZONE #4 (36 GPM)			
ELECTRONIC VALVE FOR TIMED OPERATION OF WATER WALL. SET TIME CLOCK TO RUN ZONE FROM 11:30 A.M. TO 1 P.M. DAILY.			
2	QC	QUICK COUPLING VALVES	

NOTES:

CONTRACTOR TO TEST OUTFLOW OF BACKFLOW PREVENTOR PRIOR TO STARTING WORK. IF LESS THAN 40 GPM OR LESS THAN 45 PSI CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT TO DETERMINE IF ANY SYSTEM MODIFICATION IS NEEDED.

ALL SPRINKLER HEADS TO HAVE MATCHED PRECIPITATION RATE (MPR) NOZZLES. GPM CALCULATED USING MPR NOZZLES.

CERTAIN ZONE VALVES CAN BE PROGRAMMED TO RUN SIMULTANEOUSLY IF PRESSURE AND WATER QUANTITY IS SUFFICIENT.

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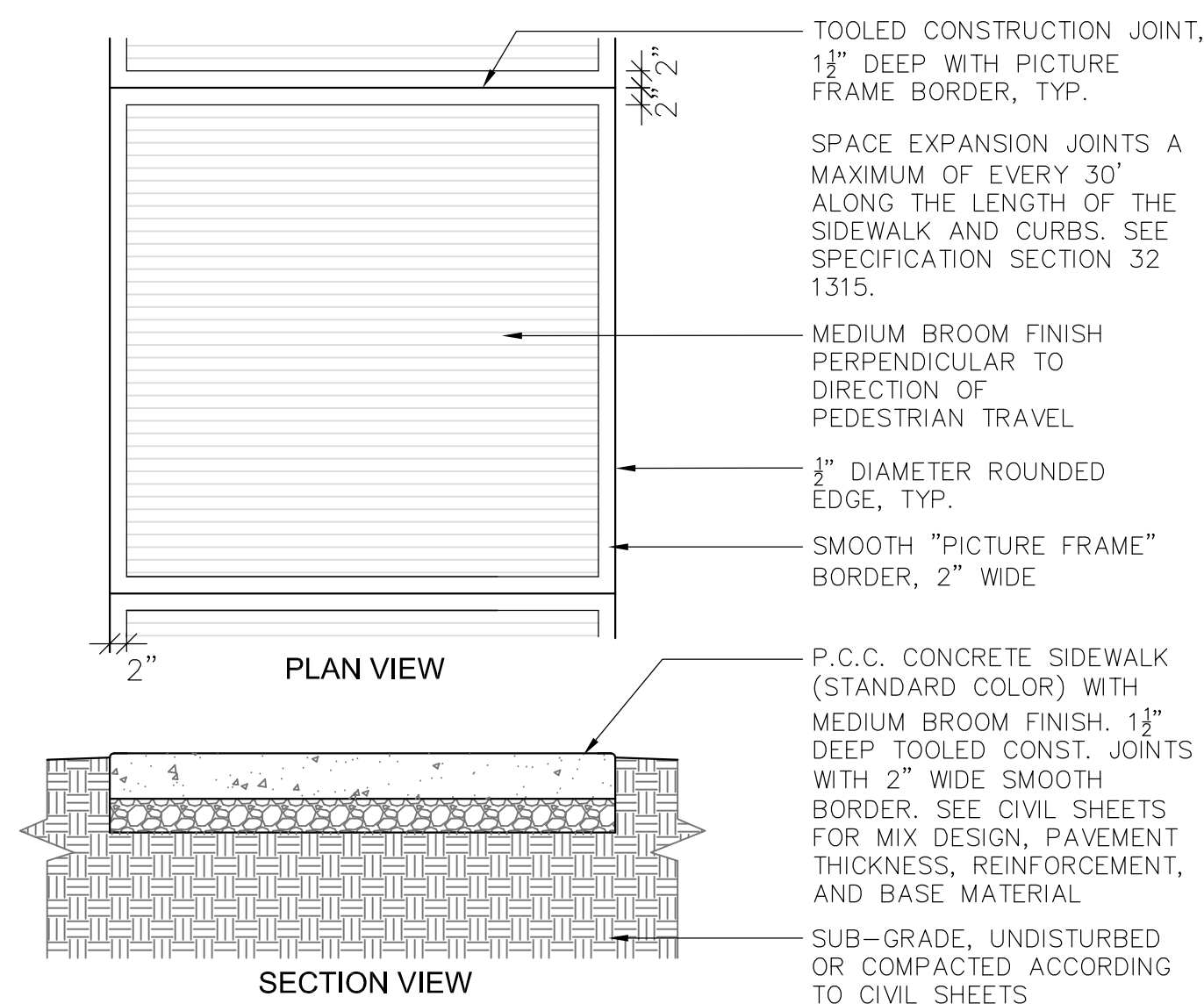
Johnson Engineering, P.C.
1 North Old State Capitol Plaza
Suite 310
Springfield, IL 62701
Email: DJohnson@JohnsonEngineeringPC.com
www.JohnsonEngineeringPC.com
Ph: 217.528.8030
Fax: 217.528.8550

Seal
NEHL F. BRUMBLEVE
137-001356
Landscape Architect
State of Illinois
Neal F. Brumbleve

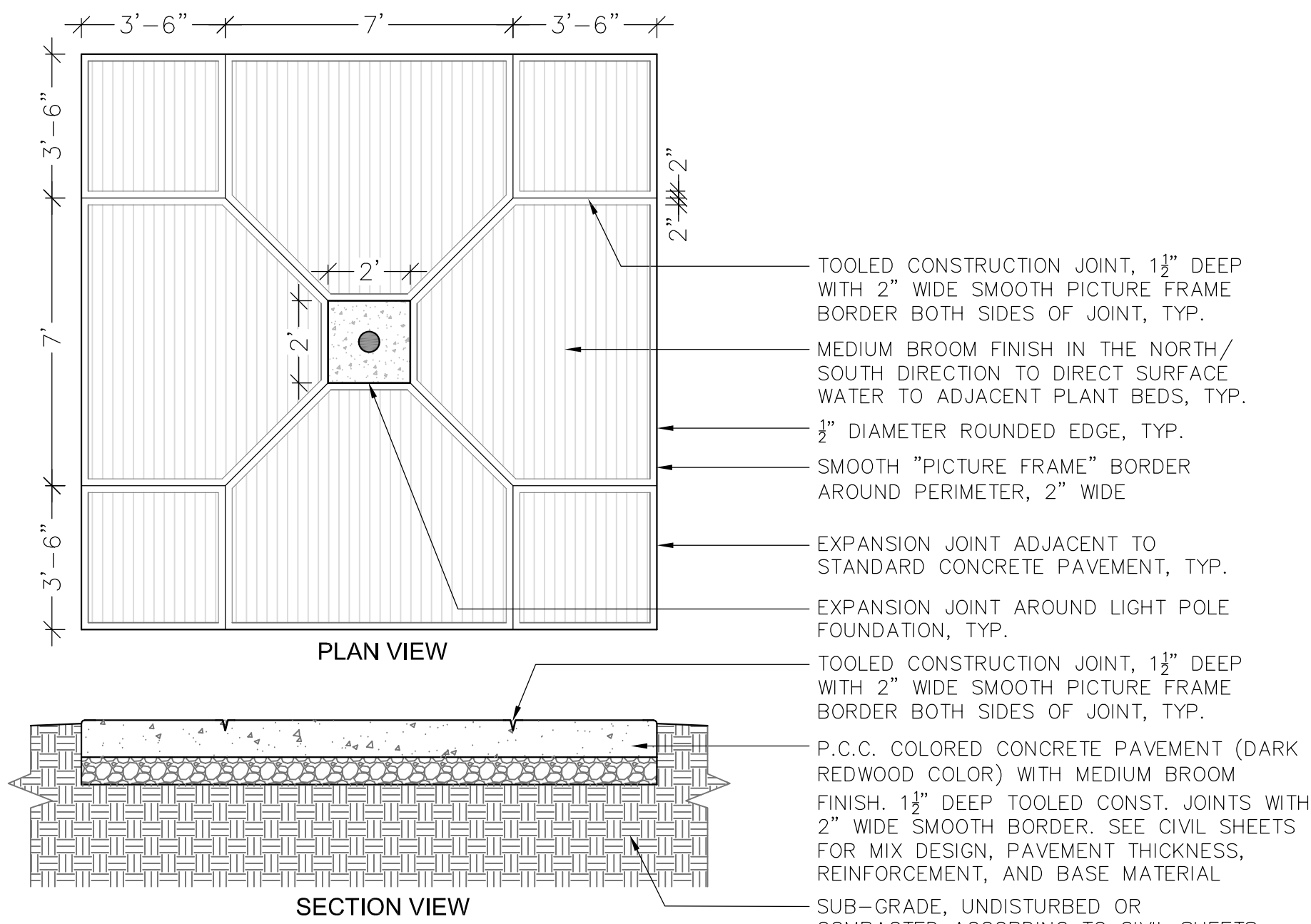
DESIGNED	KLM
DATE:	10/22/2018
CONTRACT NO.:	PPPLE-2017
DRAWN	NFB
REVIEWED	KLM

PARK PLAZA AND PARKING LOT E

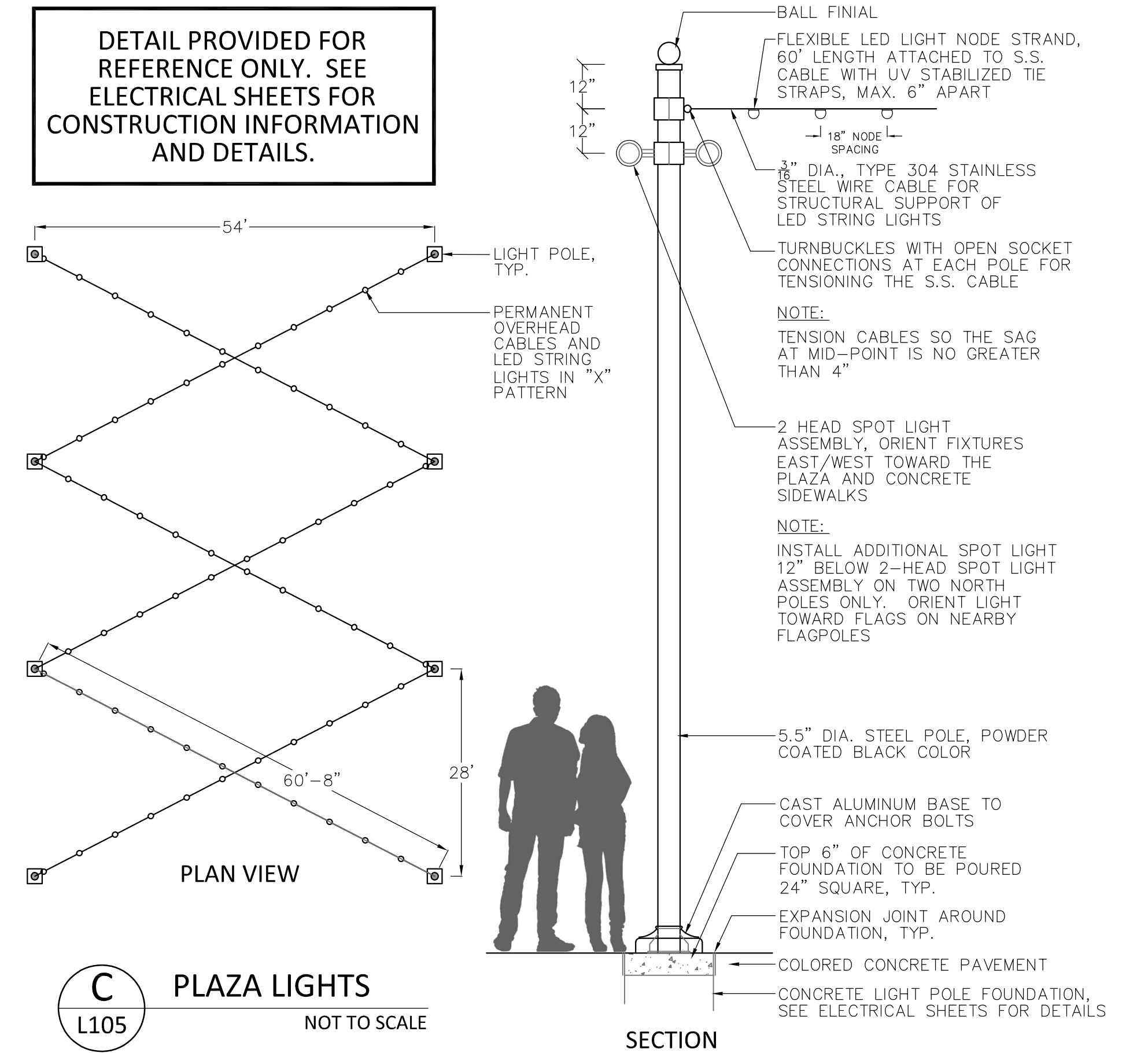
Irrigation Plan



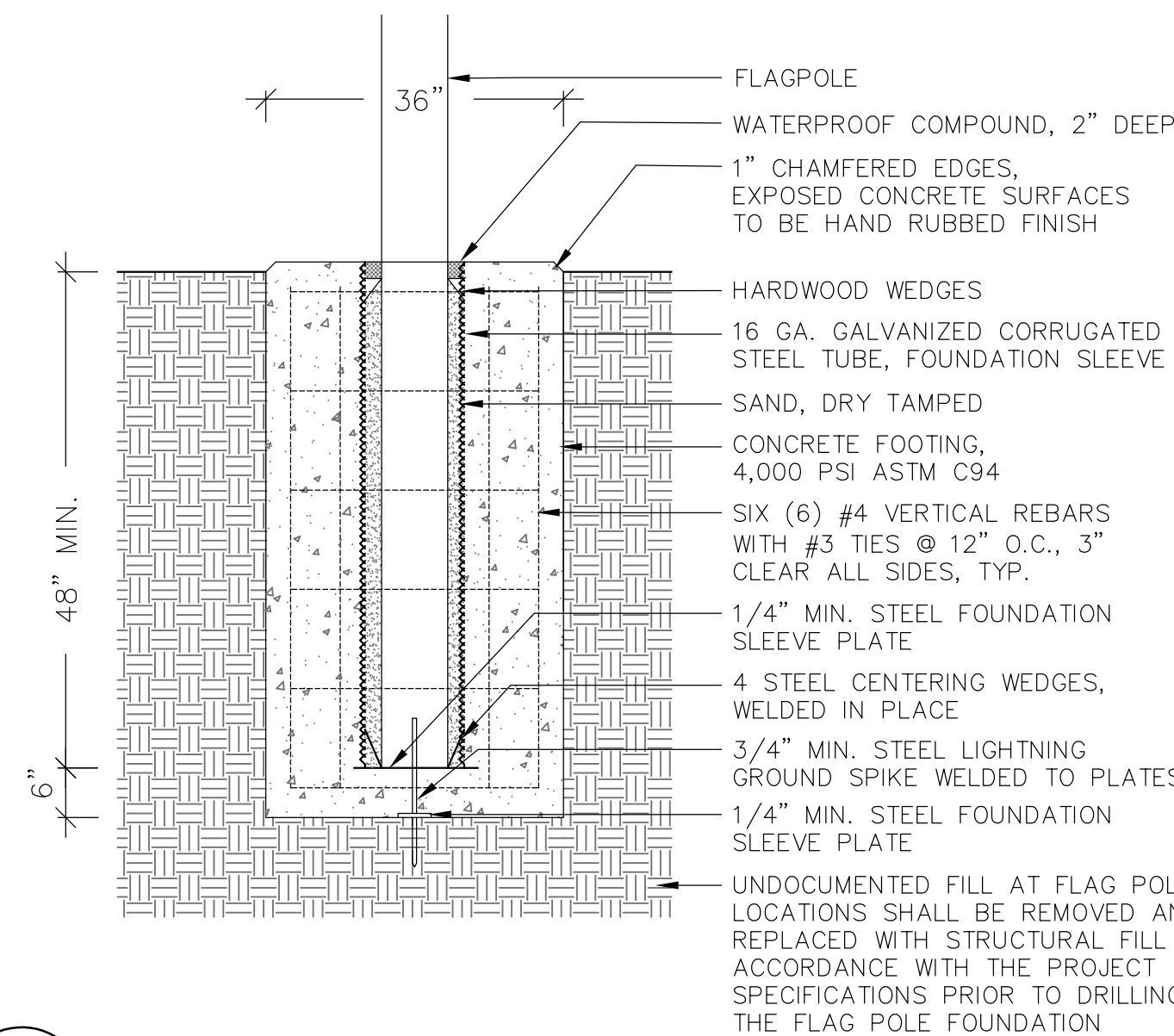
A CONCRETE SIDEWALK FINISH
L105 NOT TO SCALE



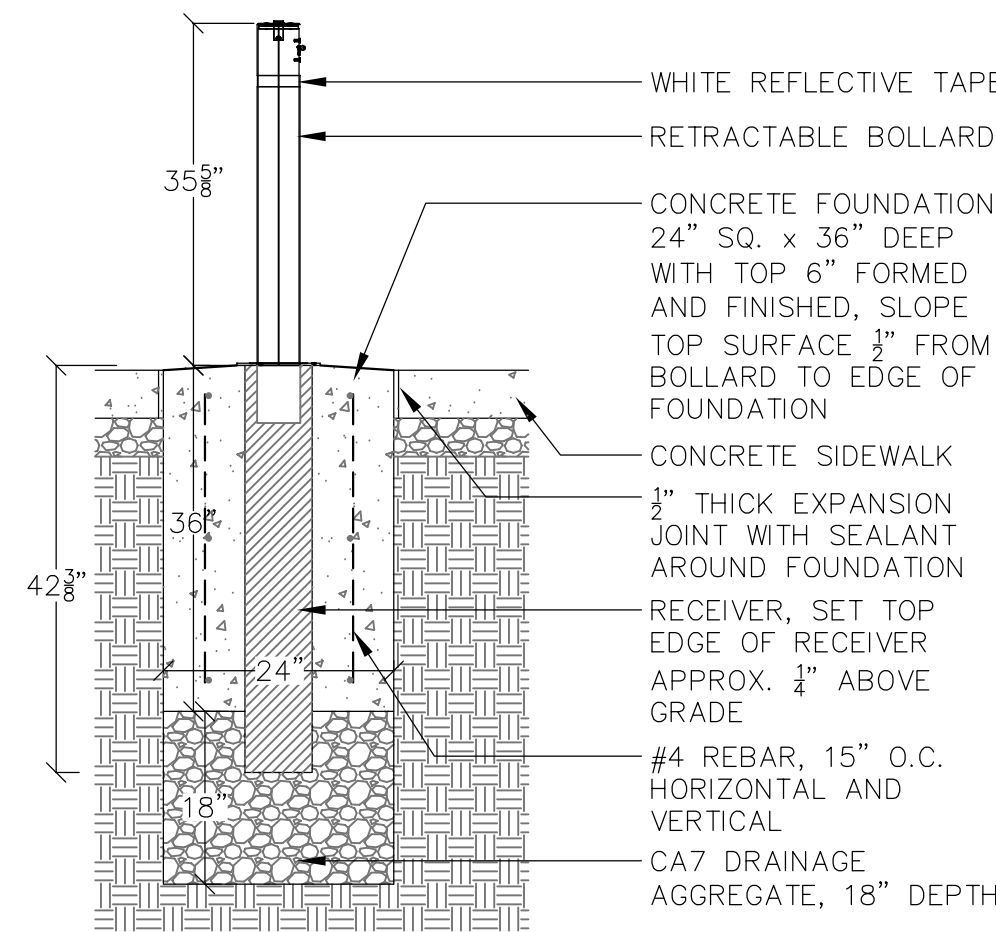
B COLORED CONCRETE PANELS
L105 NOT TO SCALE



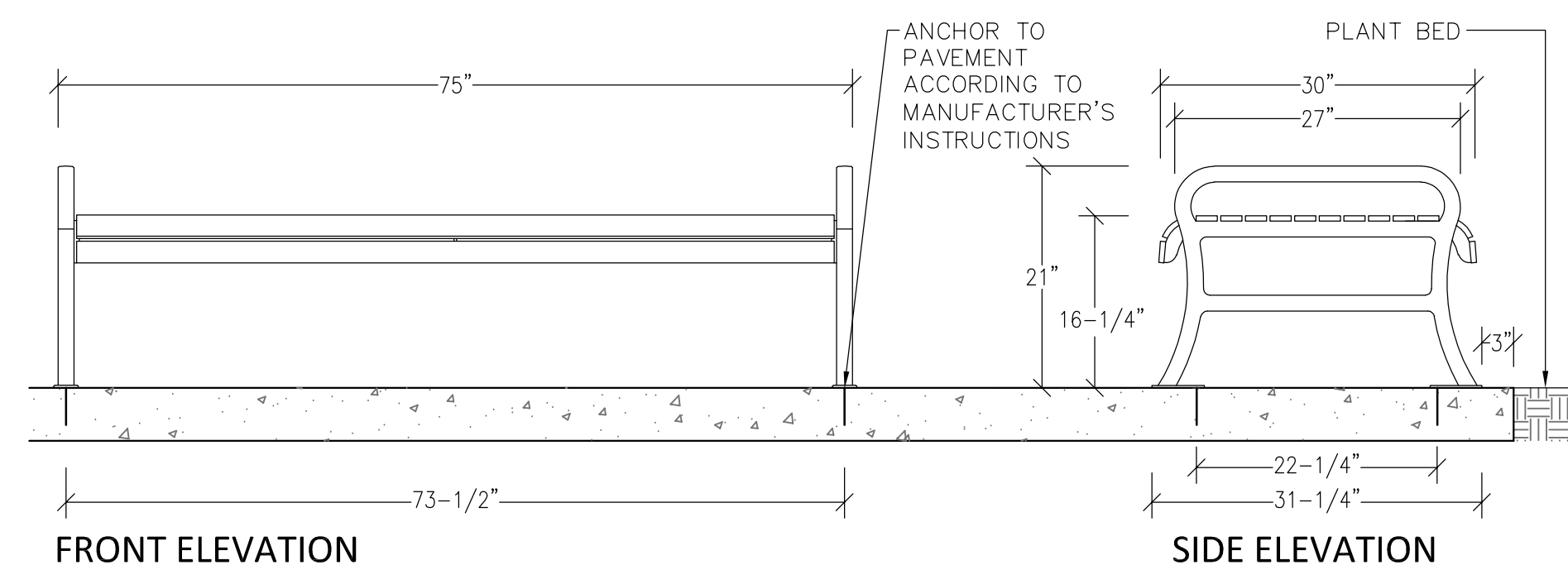
C PLAZA LIGHTS
L105 NOT TO SCALE



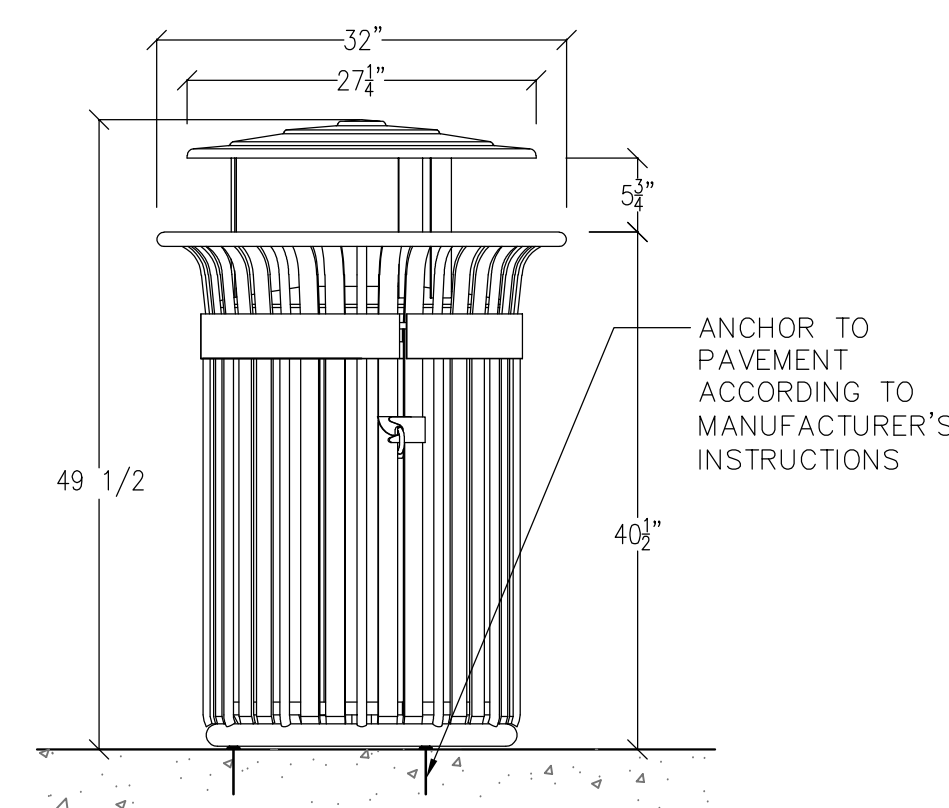
D FLAGPOLE
L105 NOT TO SCALE



E BOLLARD - RETRACTABLE
L105 NOT TO SCALE



F BENCH
L105 NOT TO SCALE



G TRASH RECEPTACLE
L105 NOT TO SCALE

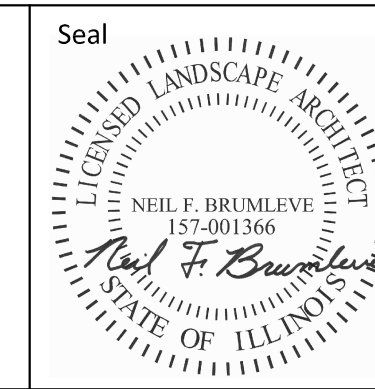
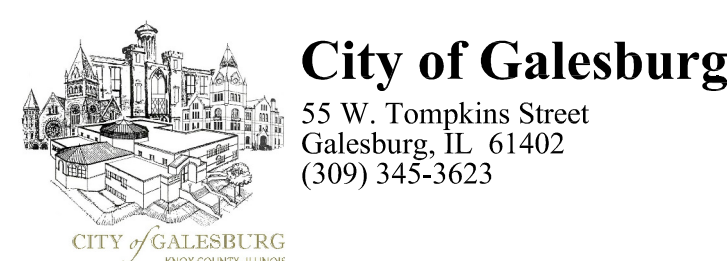


H SCULPTURE RELOCATION
L105 NOT TO SCALE



I PARKING LOT SIGN
L105 NOT TO SCALE

ISSUED FOR BIDDING (10.22.2018)



DESIGNED	KLM
DRAWN	NFB
REVIEWED	KLM

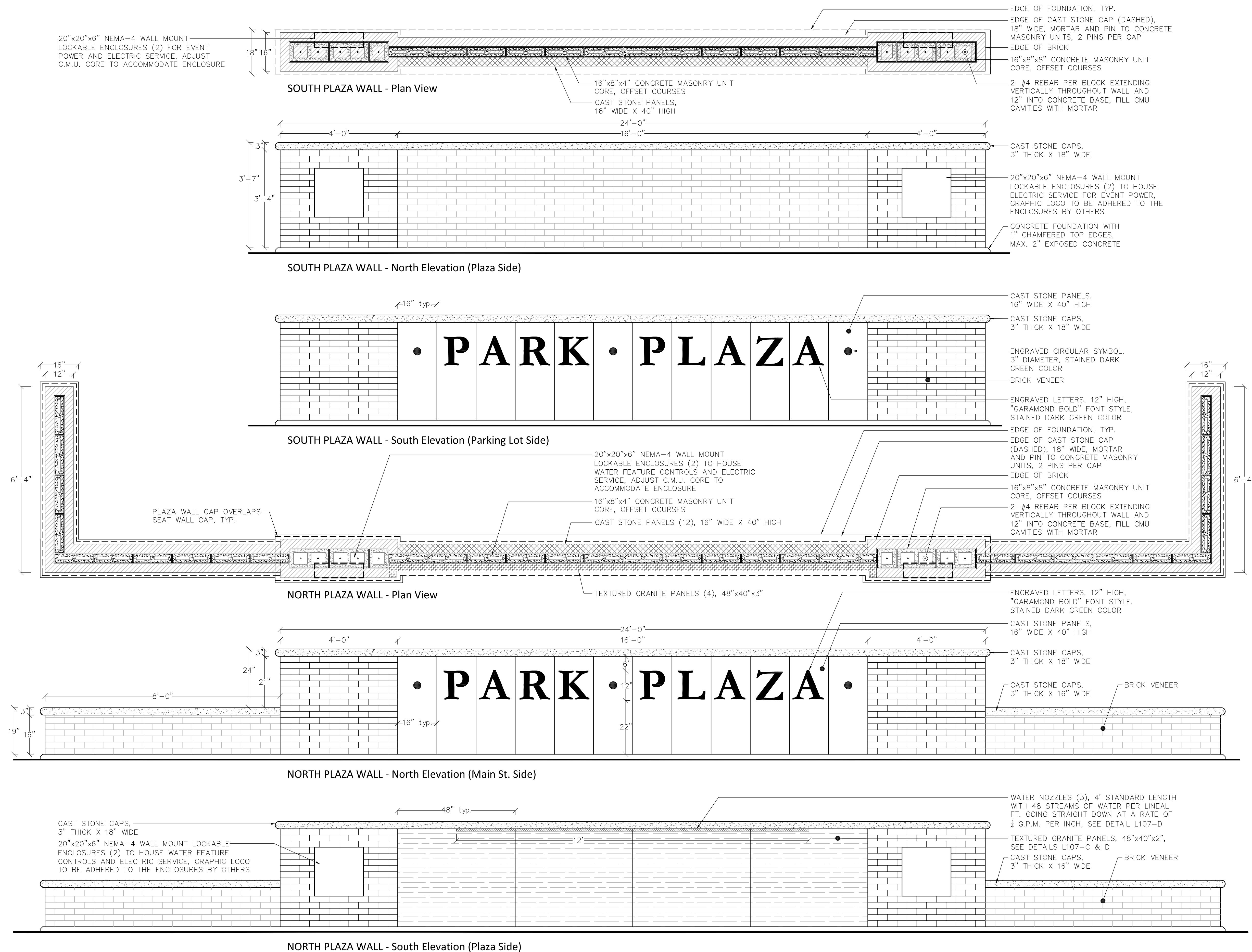
NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

Date: 10/22/2018
Contract No: PPPLE-2017

PARK PLAZA AND PARKING LOT E

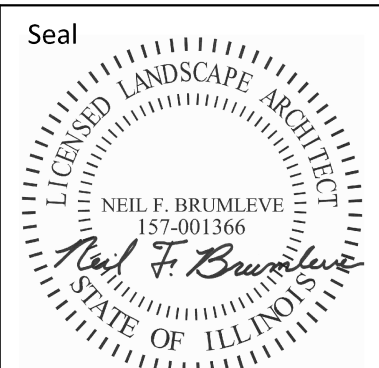
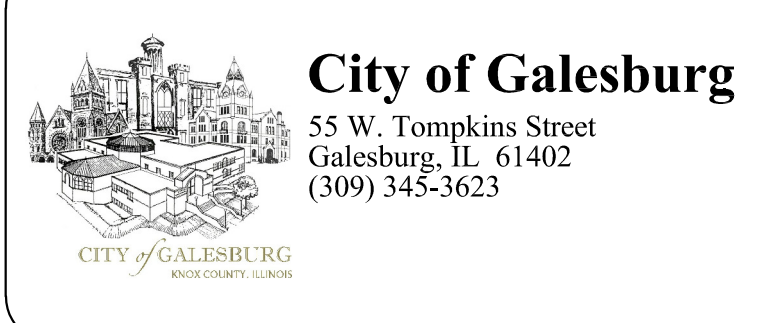
Site Details

L-105



A PLAZA WALLS
L106 NOT TO SCALE

ISSUED FOR BIDDING (10.22.2018)



DESIGNED	KLM
DRAWN	NFB
REVIEWED	KLM

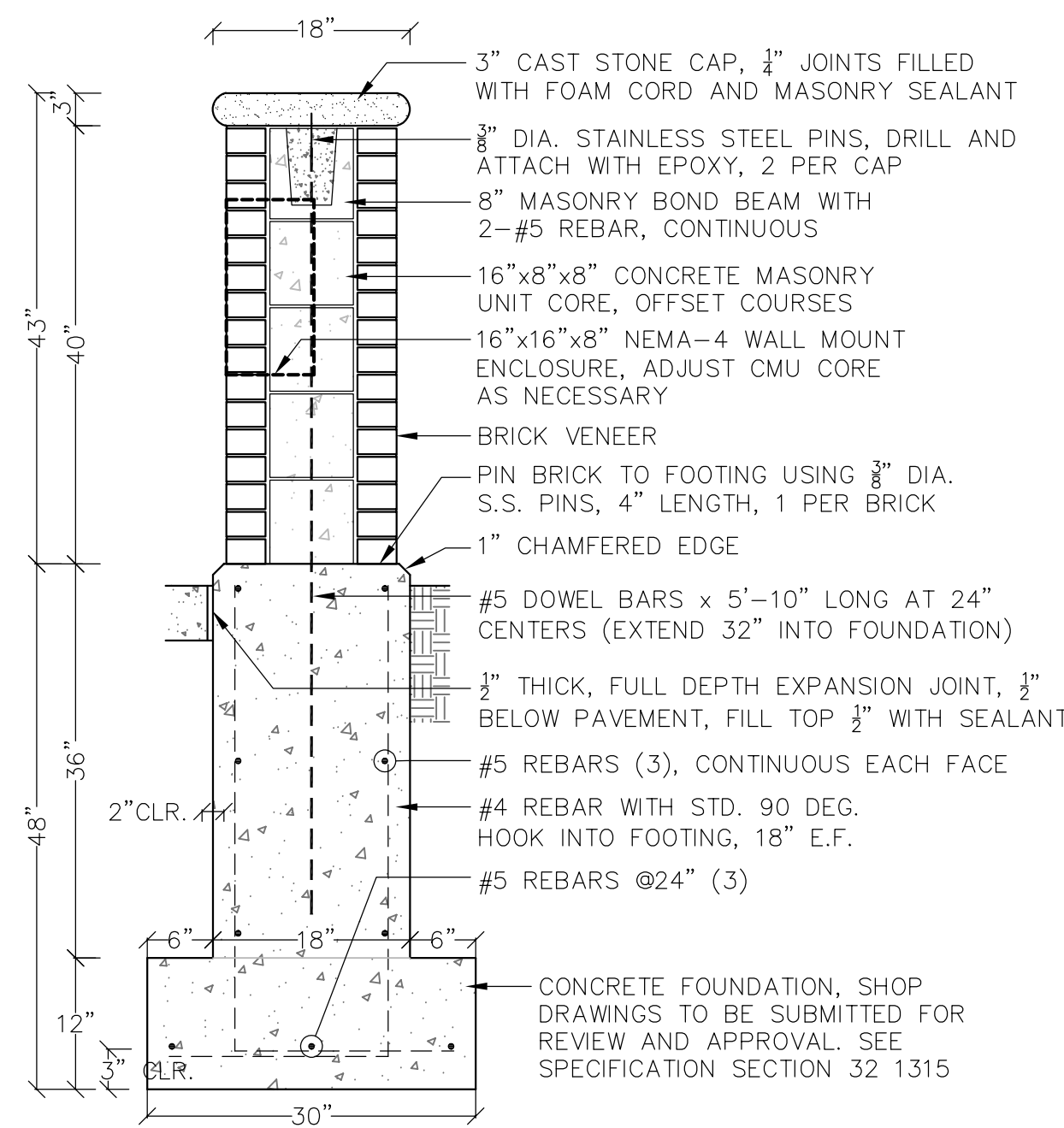
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01	10/22/2018	ISSUED FOR BIDDING

Date: 10/22/2018
Contract No: PPPLE-2017

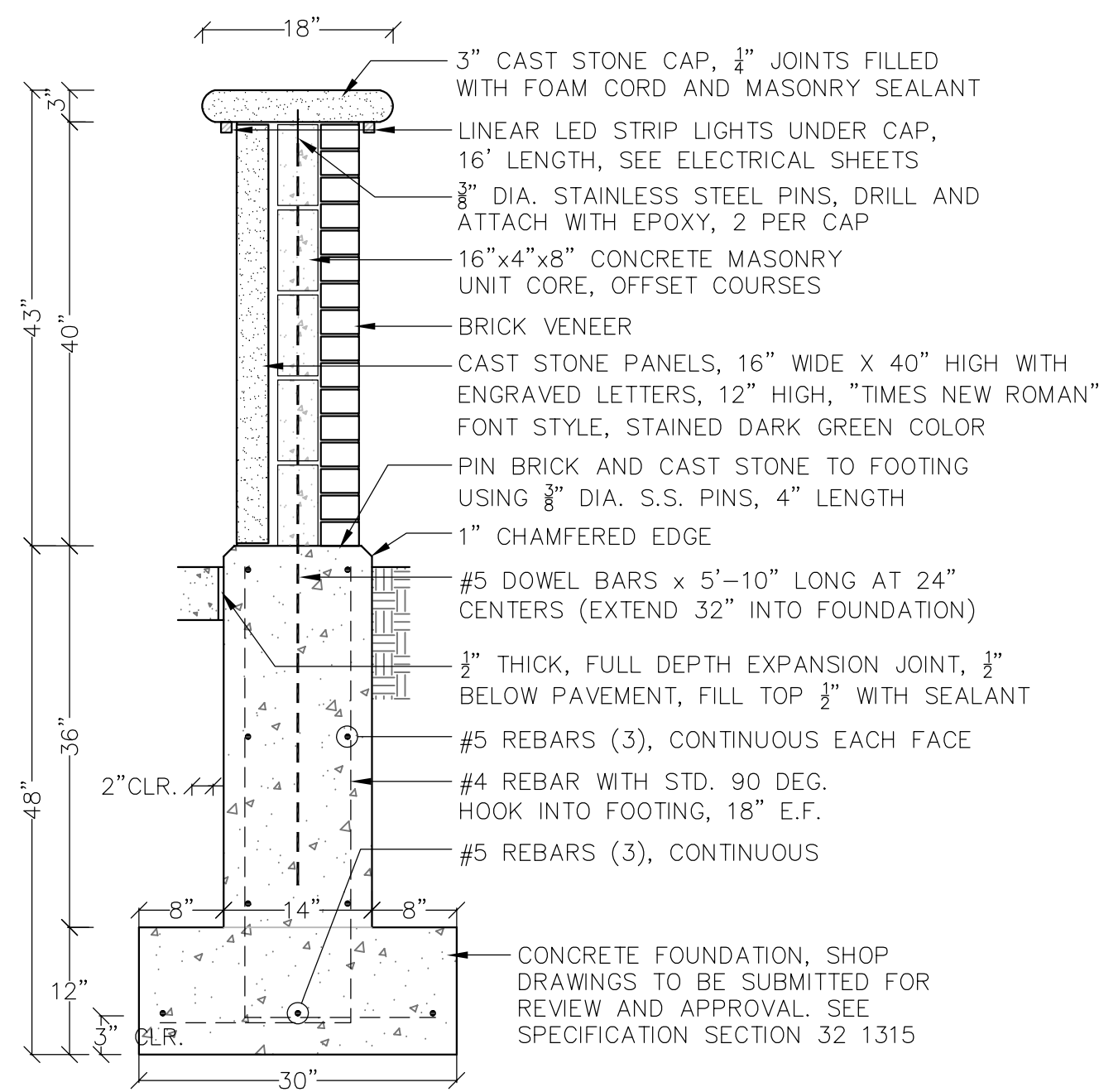
PARK PLAZA AND PARKING LOT E

Plaza Wall Details

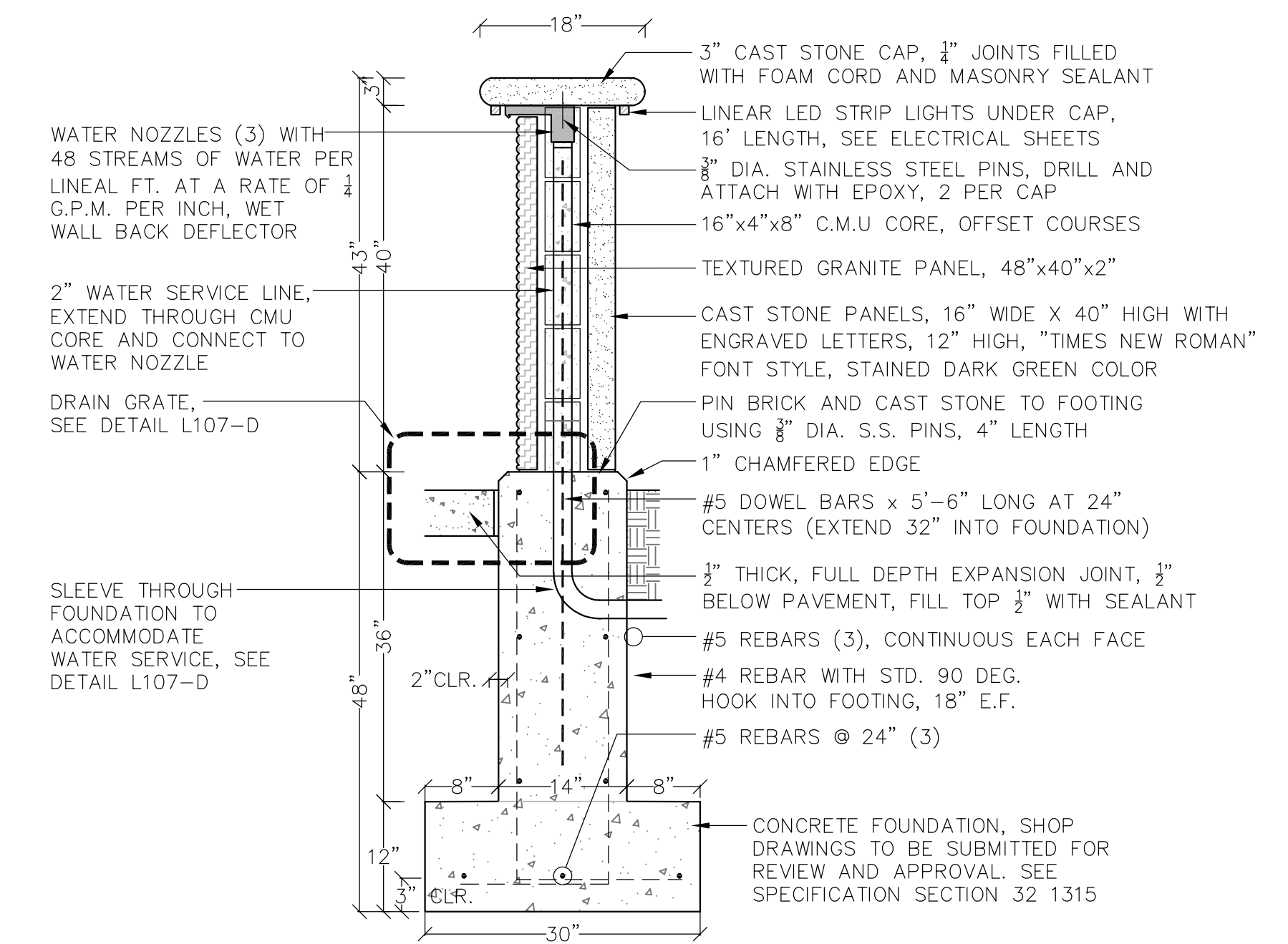
L-106



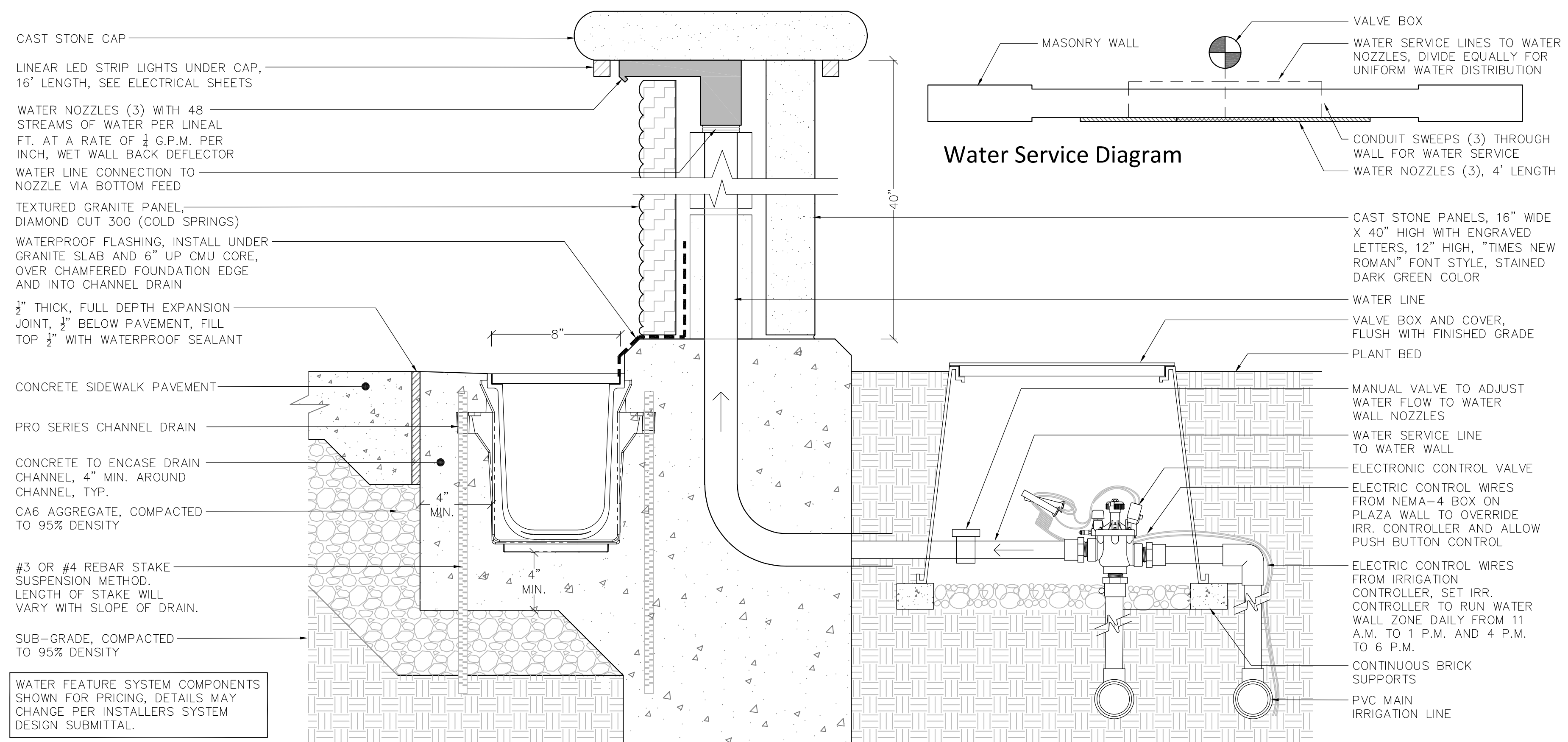
A NORTH AND SOUTH PLAZA WALLS
L107 END SECTIONS NOT TO SCALE



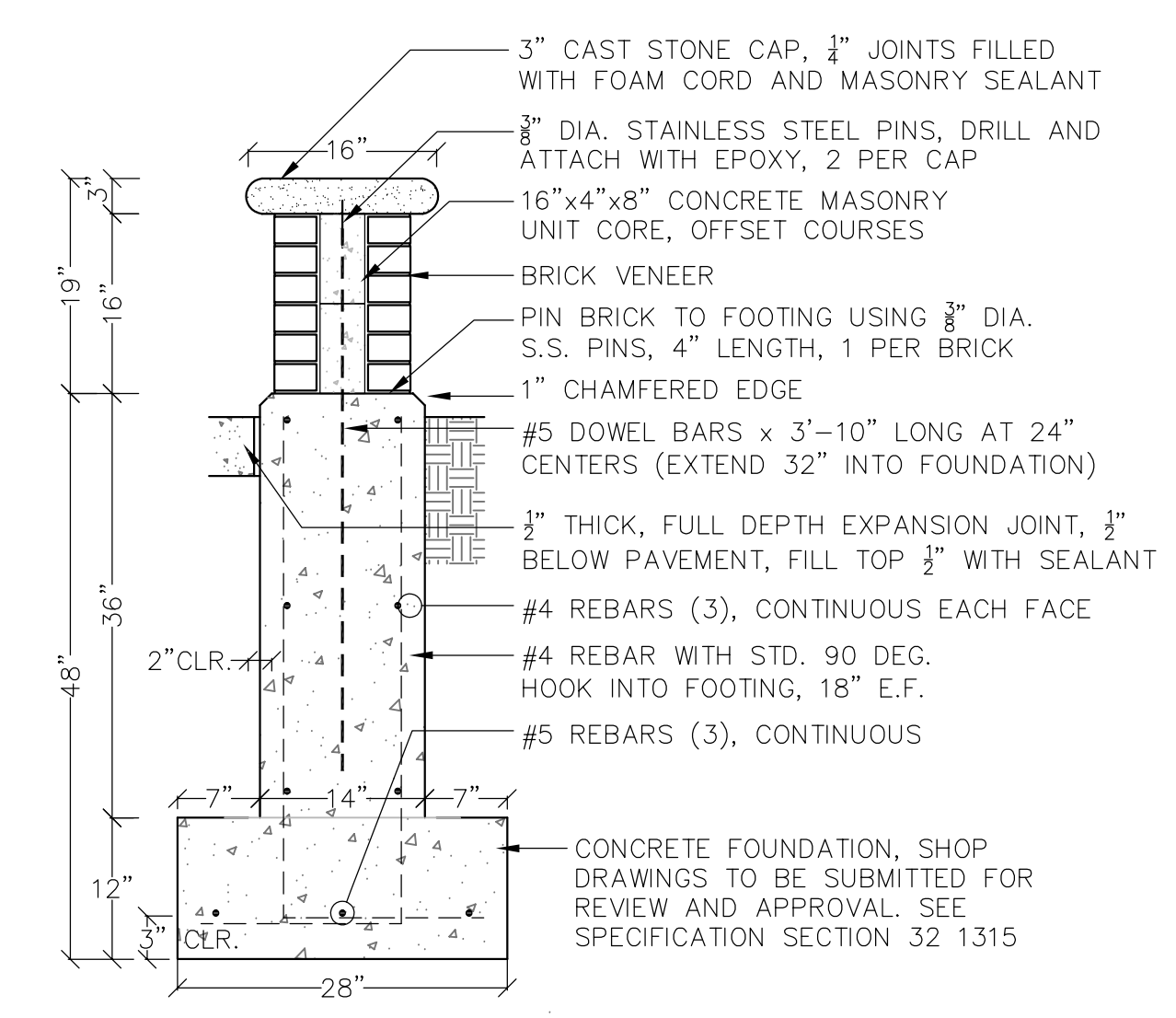
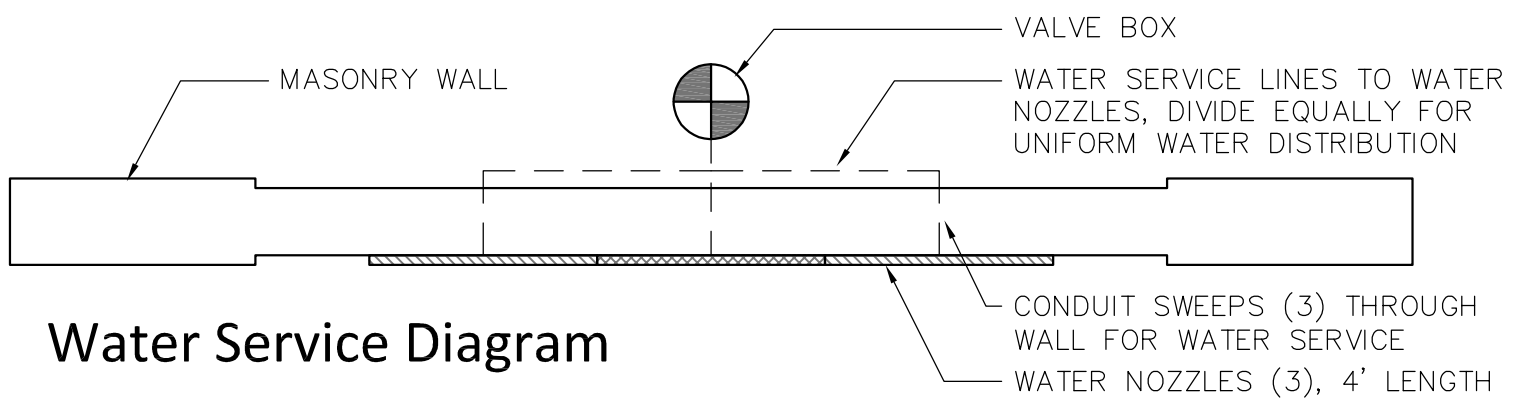
B SOUTH PLAZA WALL
L107 MIDDLE SECTION NOT TO SCALE



C NORTH PLAZA WALL
L107 MIDDLE SECTION NOT TO SCALE

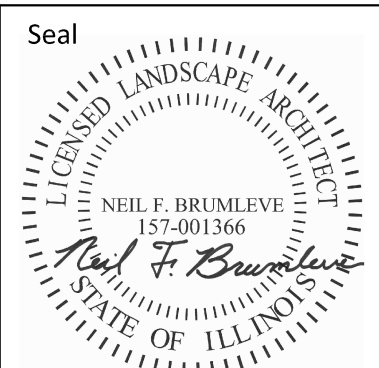
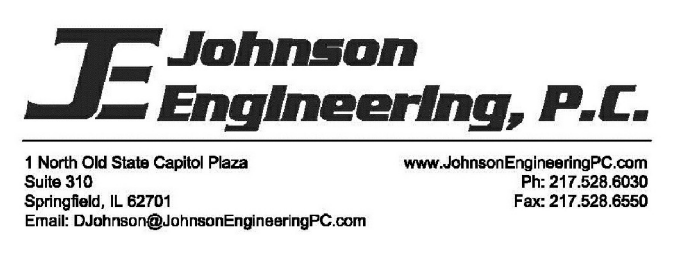
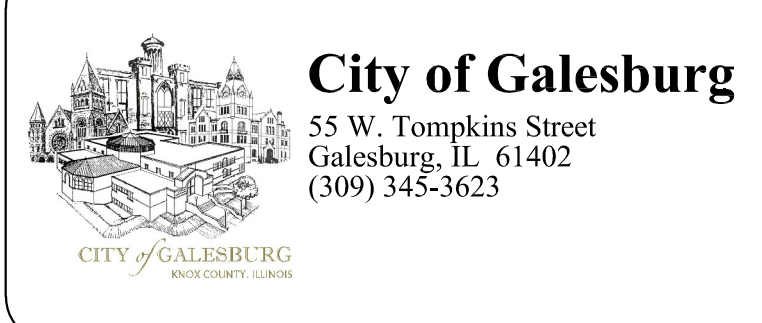


D DRAIN GRATE AND WATER SERVICE
L107 NOT TO SCALE



E NORTH SEAT WALL SECTION
L107 NOT TO SCALE

ISSUED FOR BIDDING (10.22.2018)



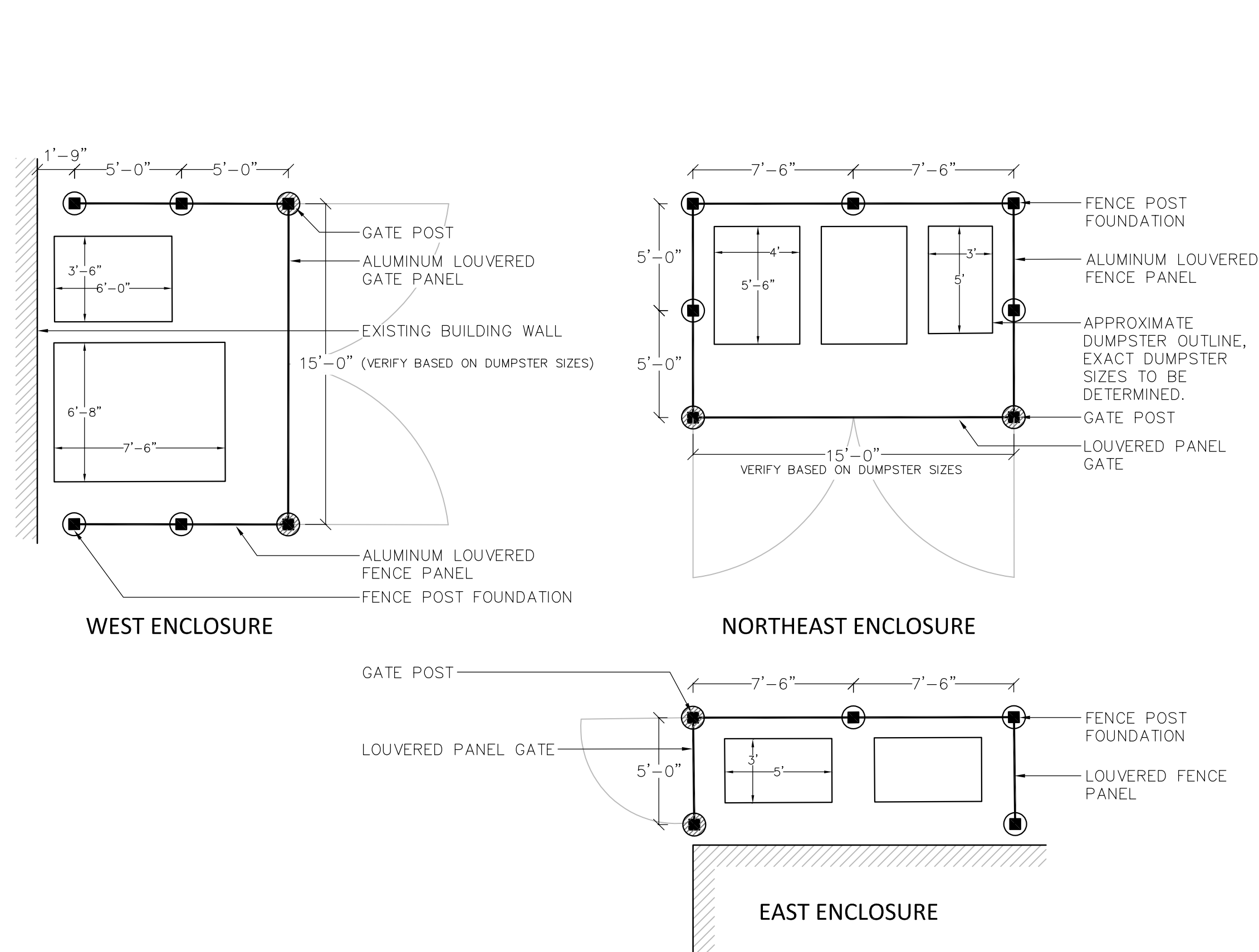
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DRAWN	NFB
REVIEWED	KLM

NUMBER	DATE	ISSUE
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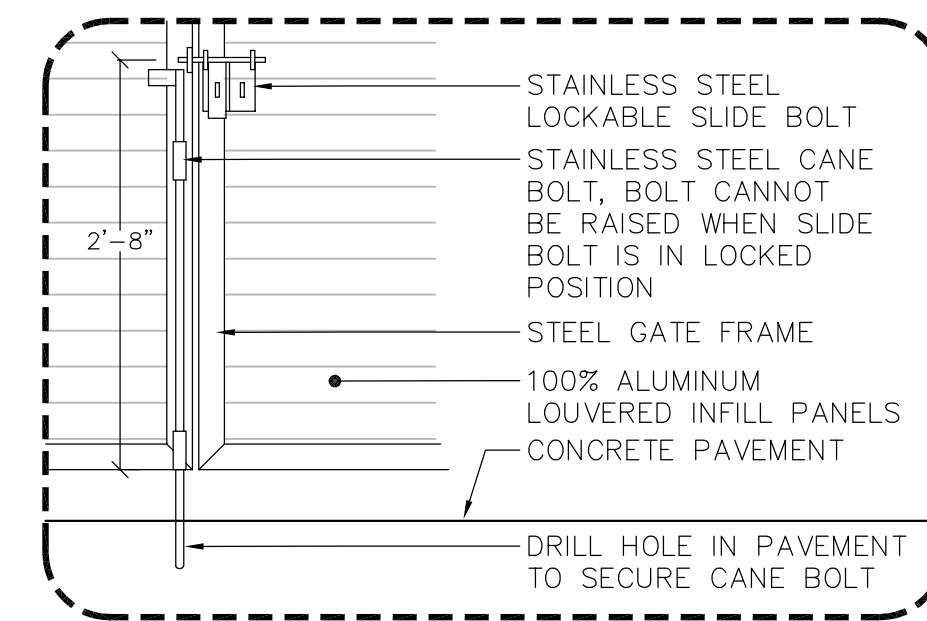
PARK PLAZA AND PARKING LOT E

Plaza Wall Details 2

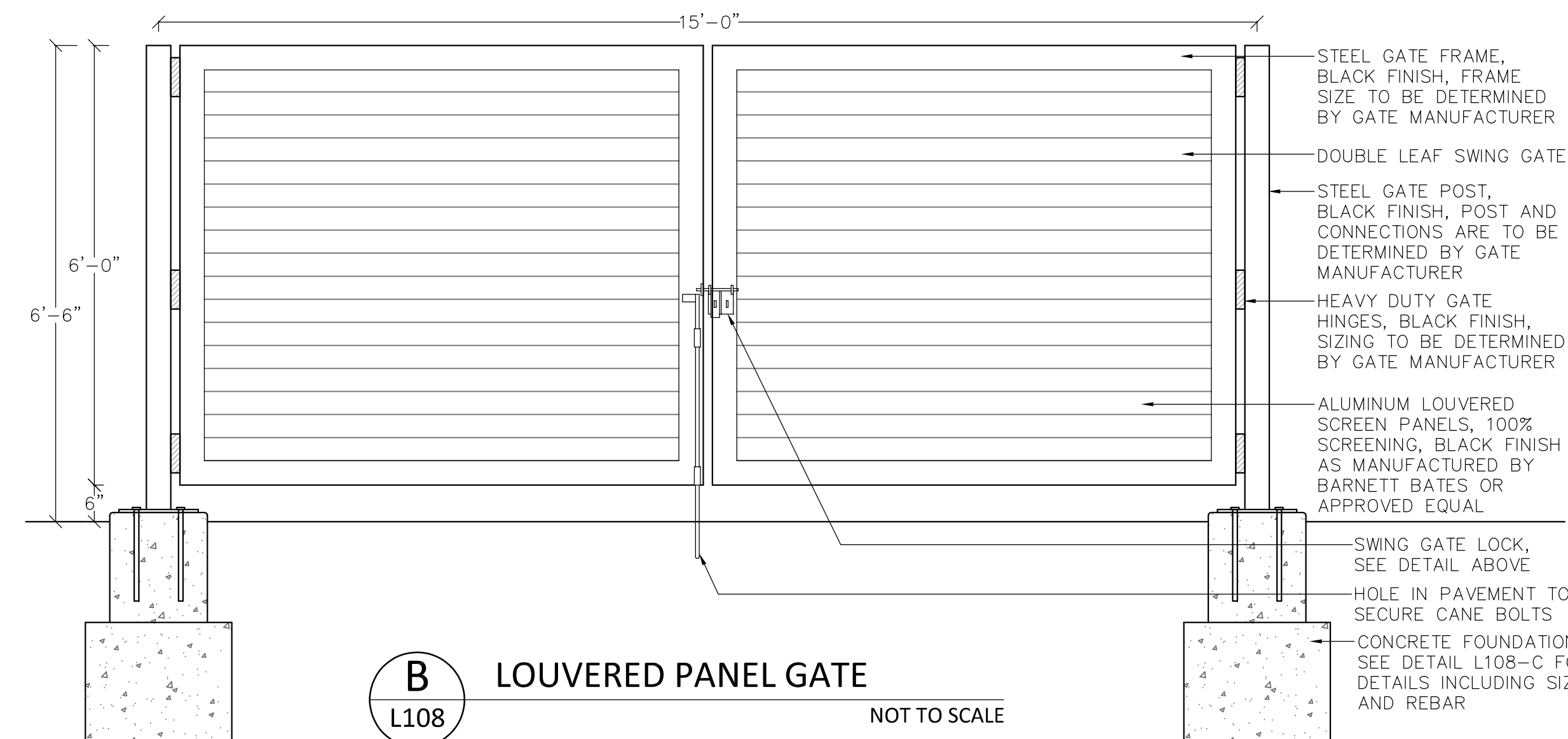
L-107



A DUMPSTER ENCLOSURE LAYOUTS
L108 NOT TO SCALE

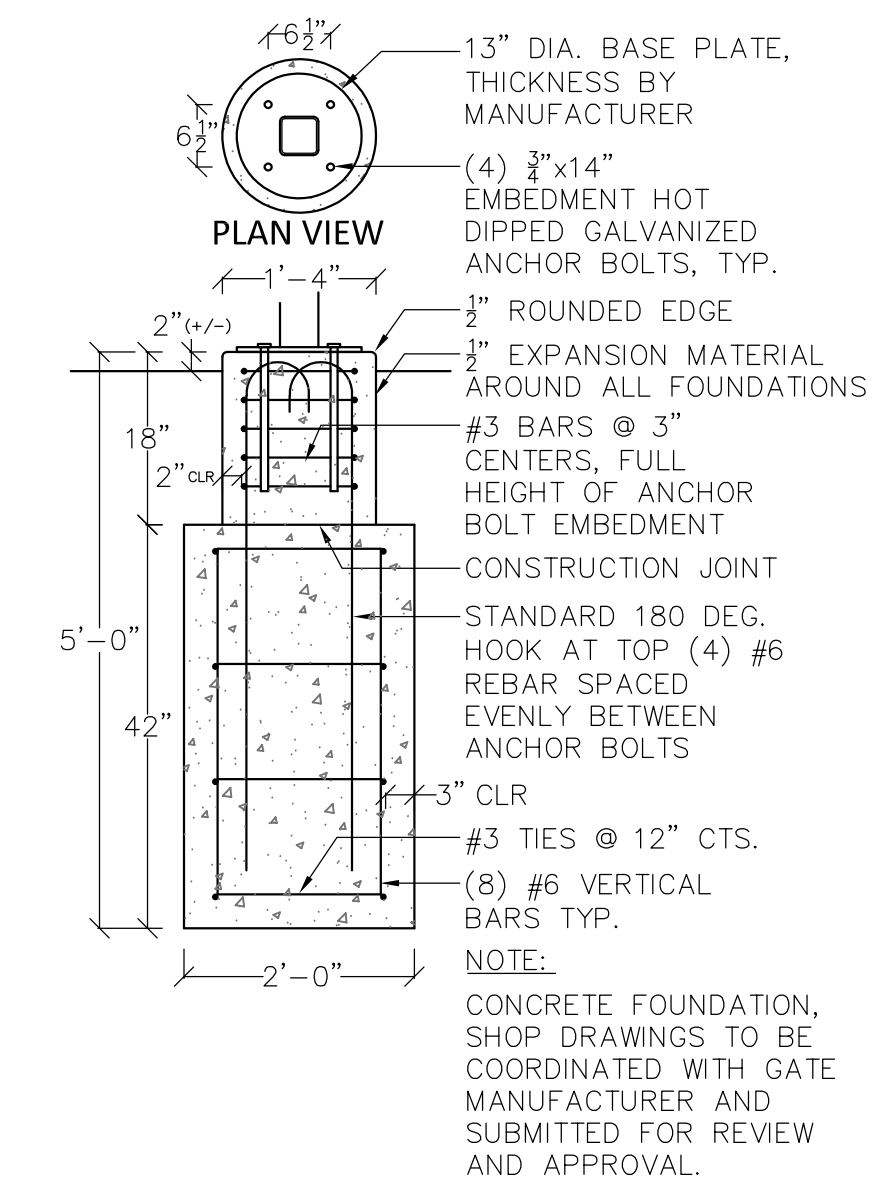


B GATE LOCK DETAIL

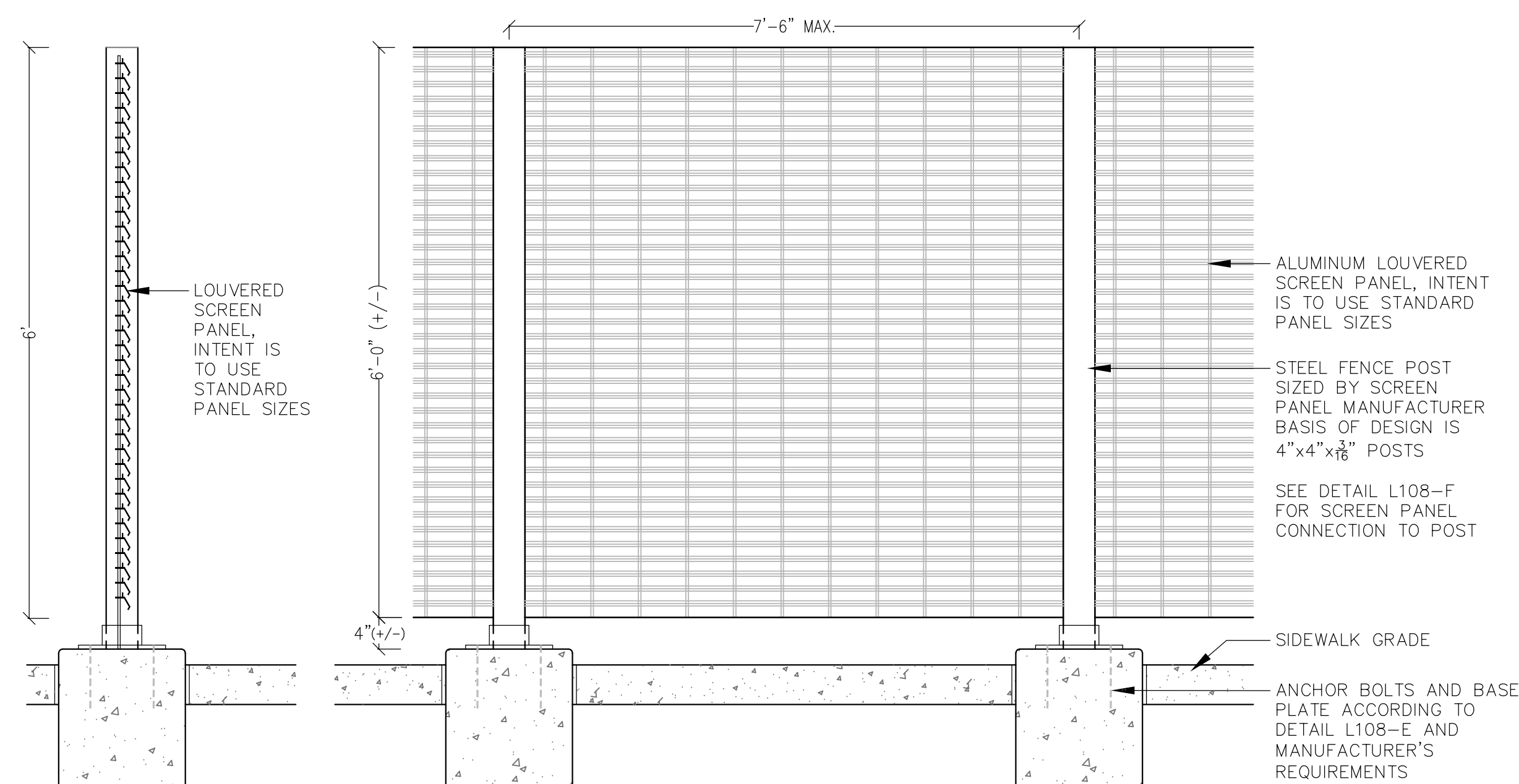


B LOUVERED PANEL GATE
L108 NOT TO SCALE

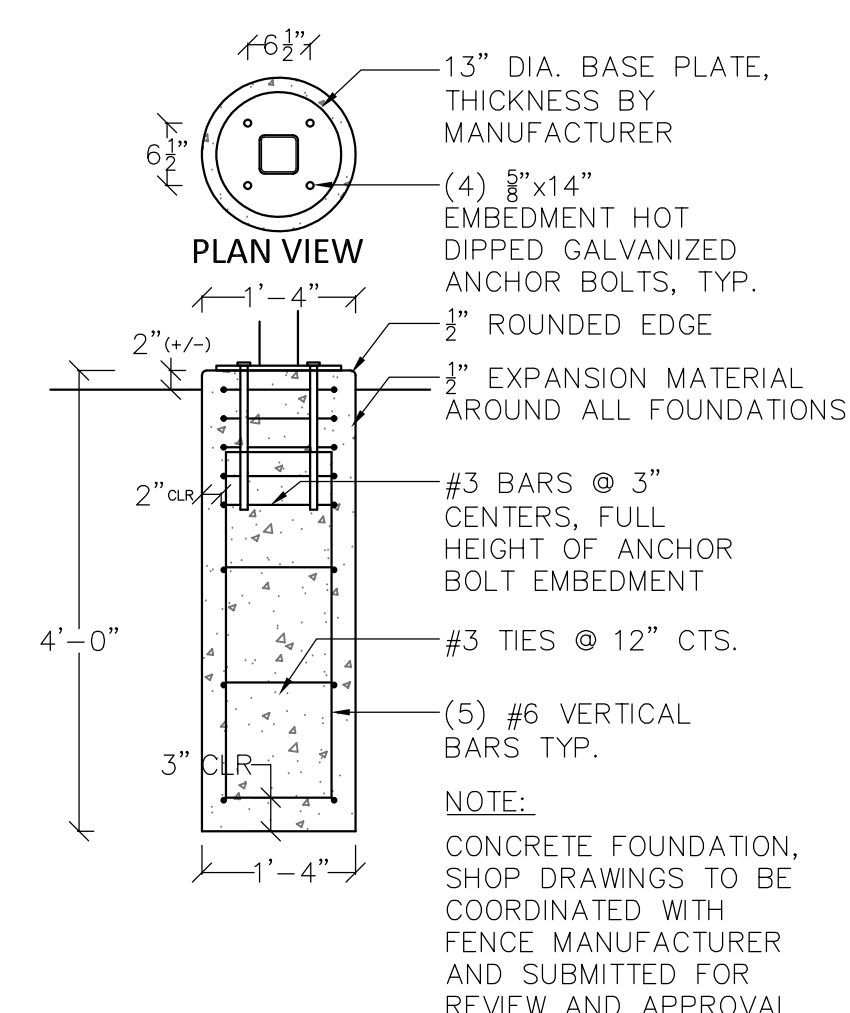
NOTE
DETAIL INDICATES GENERAL DESIGN CRITERIA. SHOP DRAWINGS FOR REVIEW AND APPROVAL AND FINAL INSTALLATION DRAWINGS TO BE PROVIDED BY GATE MANUFACTURER



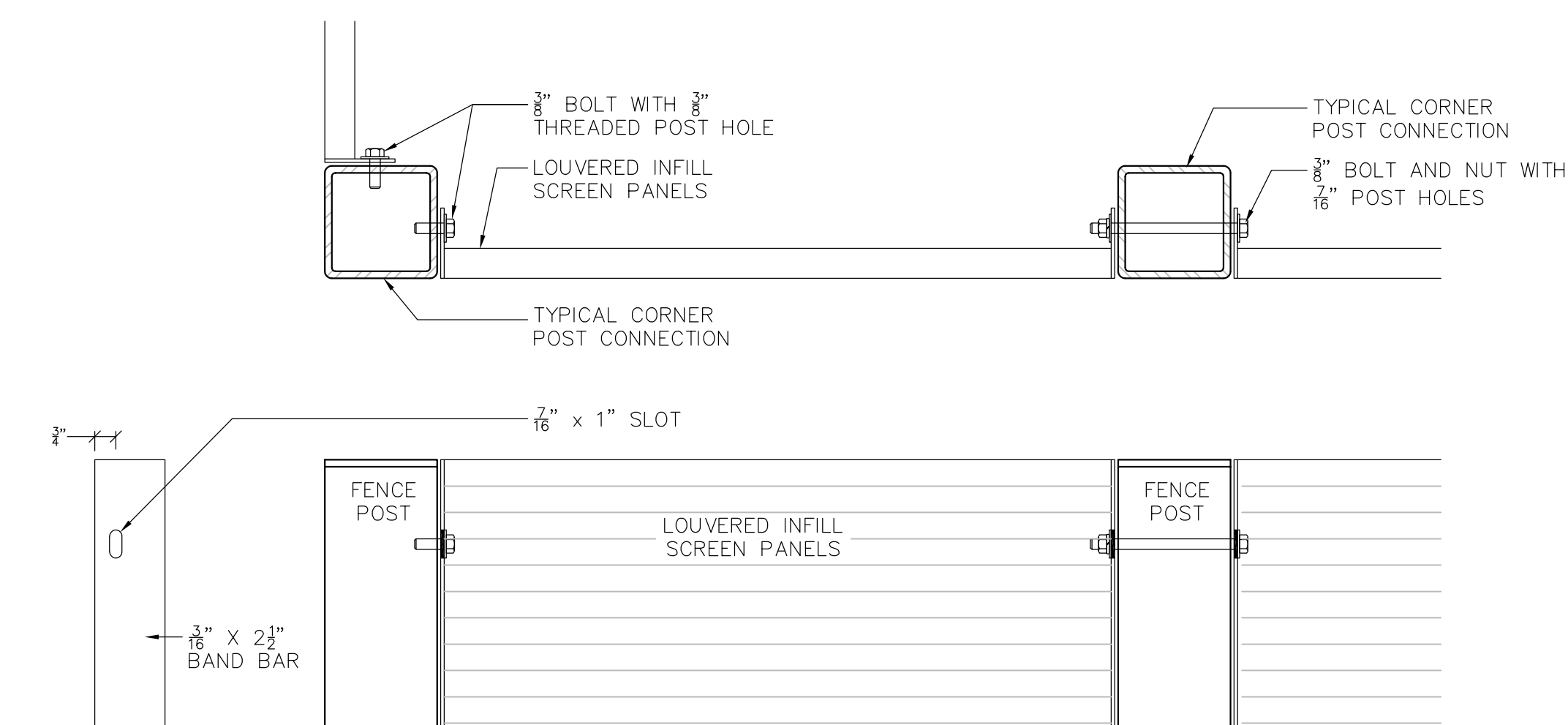
C GATE POST FOUNDATIONS
L108 NOT TO SCALE



D LOUVERED SCREEN PANEL FENCE
L108 NOT TO SCALE

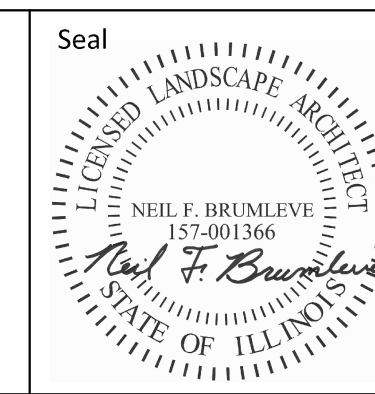
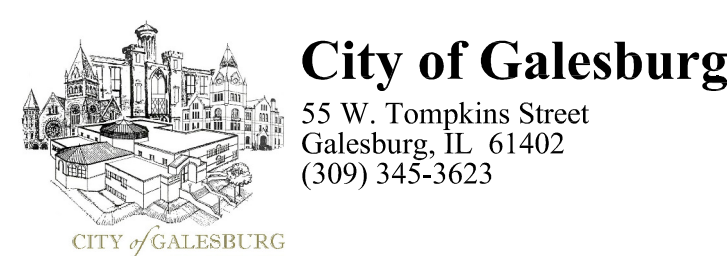


E FENCE POST FOUNDATION
L108 NOT TO SCALE



F SCREEN PANEL CONNECTION TO POST
L108 NOT TO SCALE

ISSUED FOR BIDDING (10.22.2018)



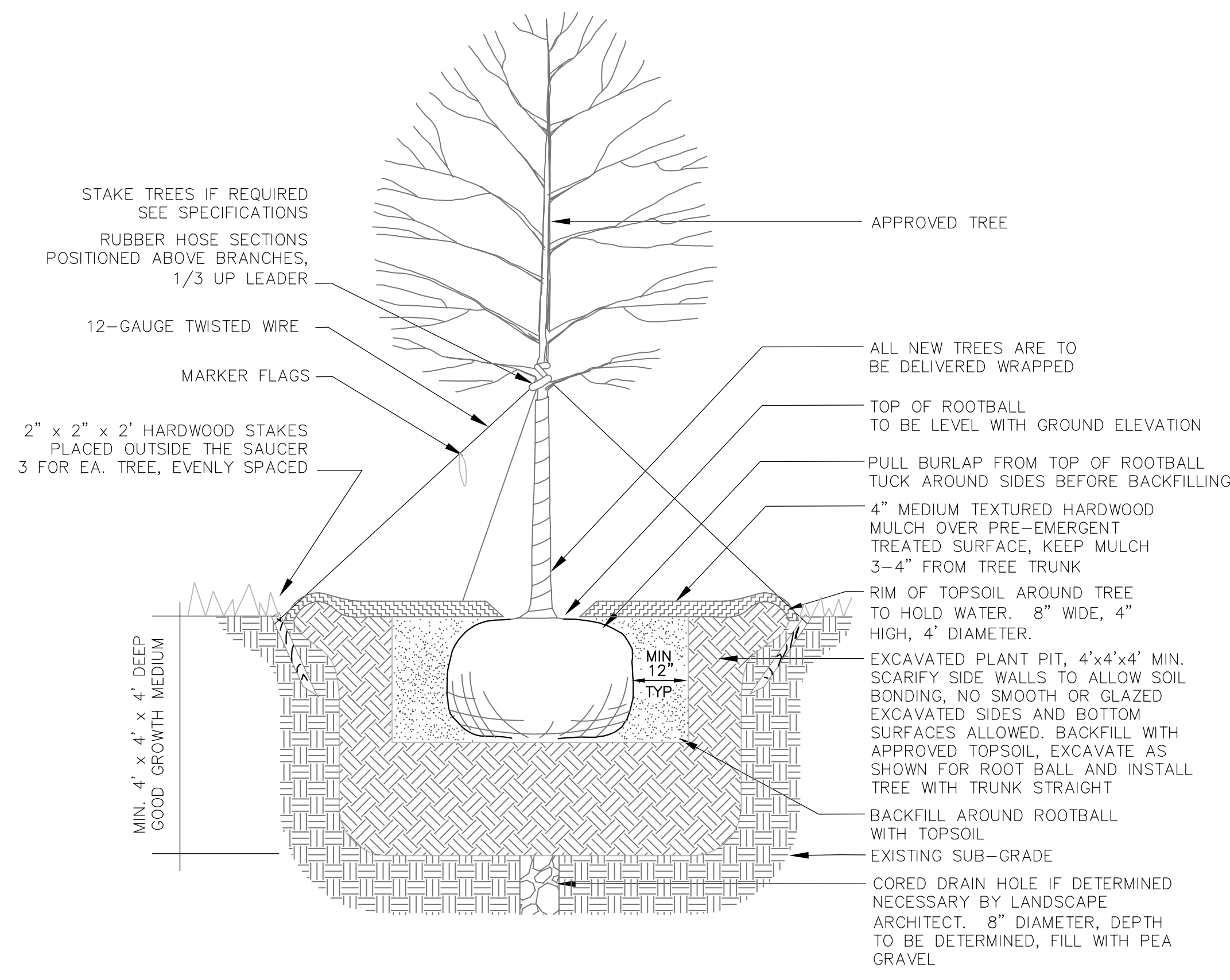
DESIGNED	KLM
DRAWN	NFB
REVIEWED	KLM

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01	10/22/2018	ISSUED FOR BIDDING

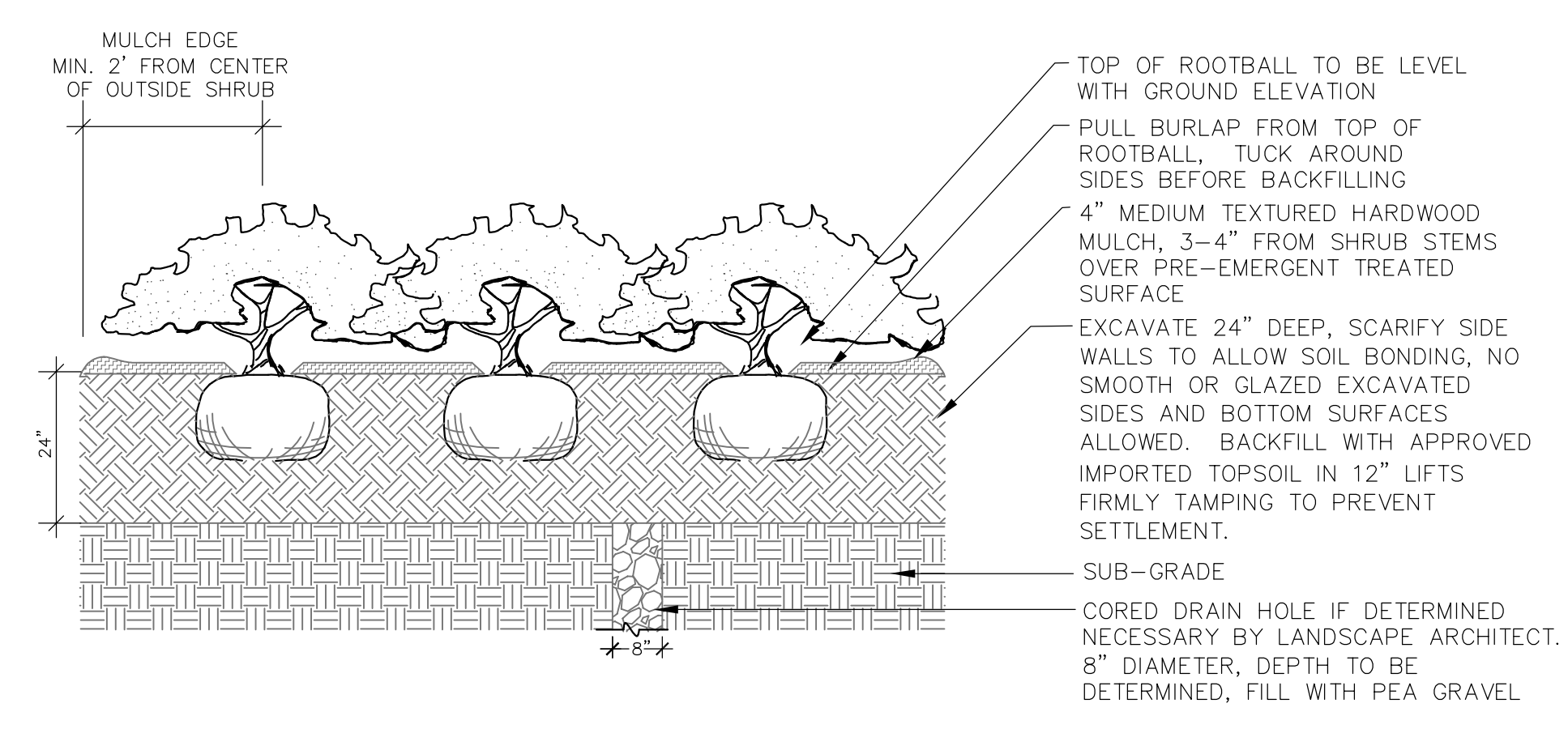
PARK PLAZA AND PARKING LOT E

Dumpster Enclosure Details

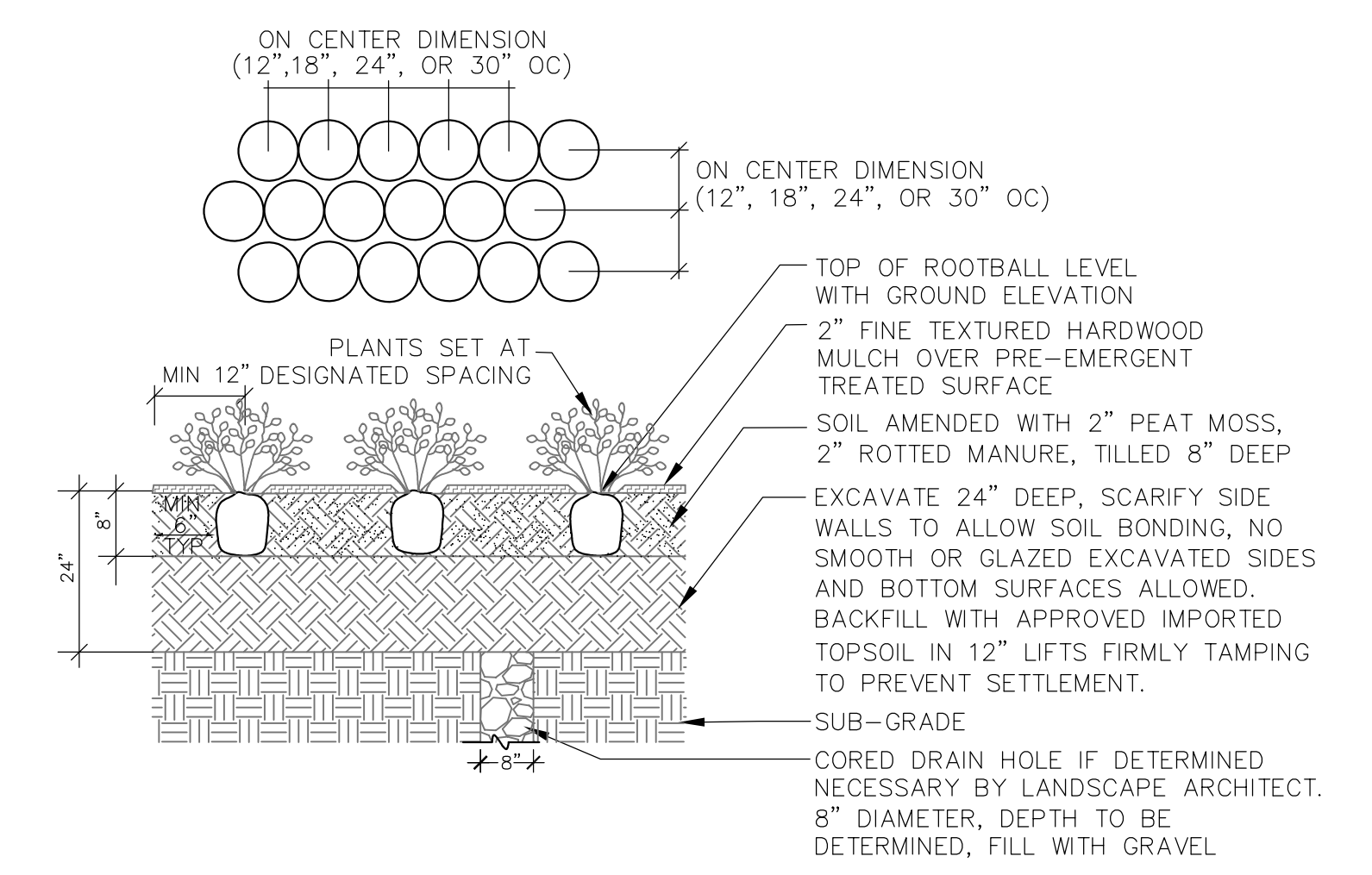
L-108



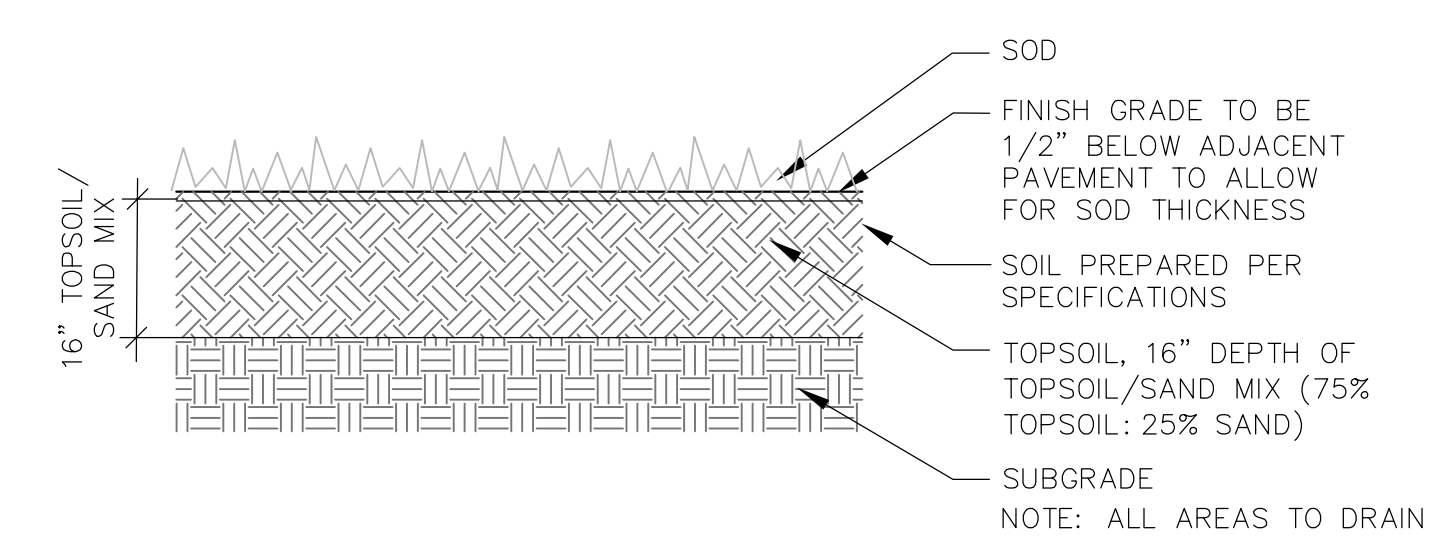
A TREES
L109 NOT TO SCALE



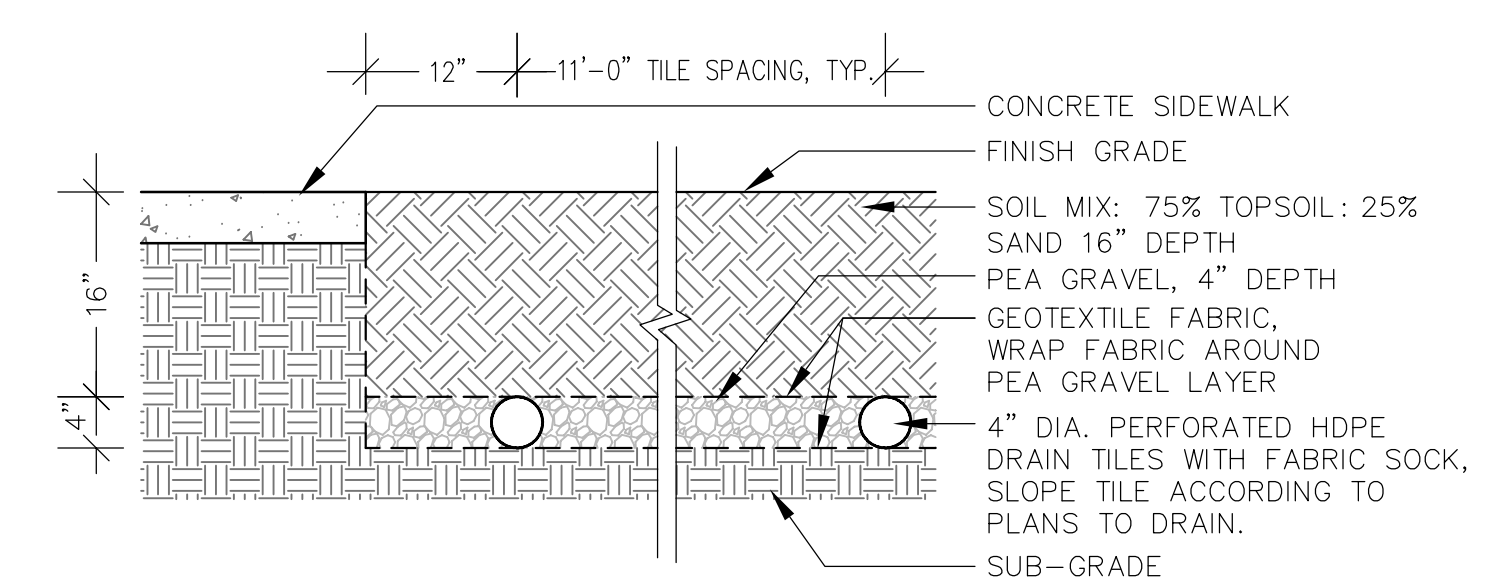
B SHRUBS
L109 NOT TO SCALE



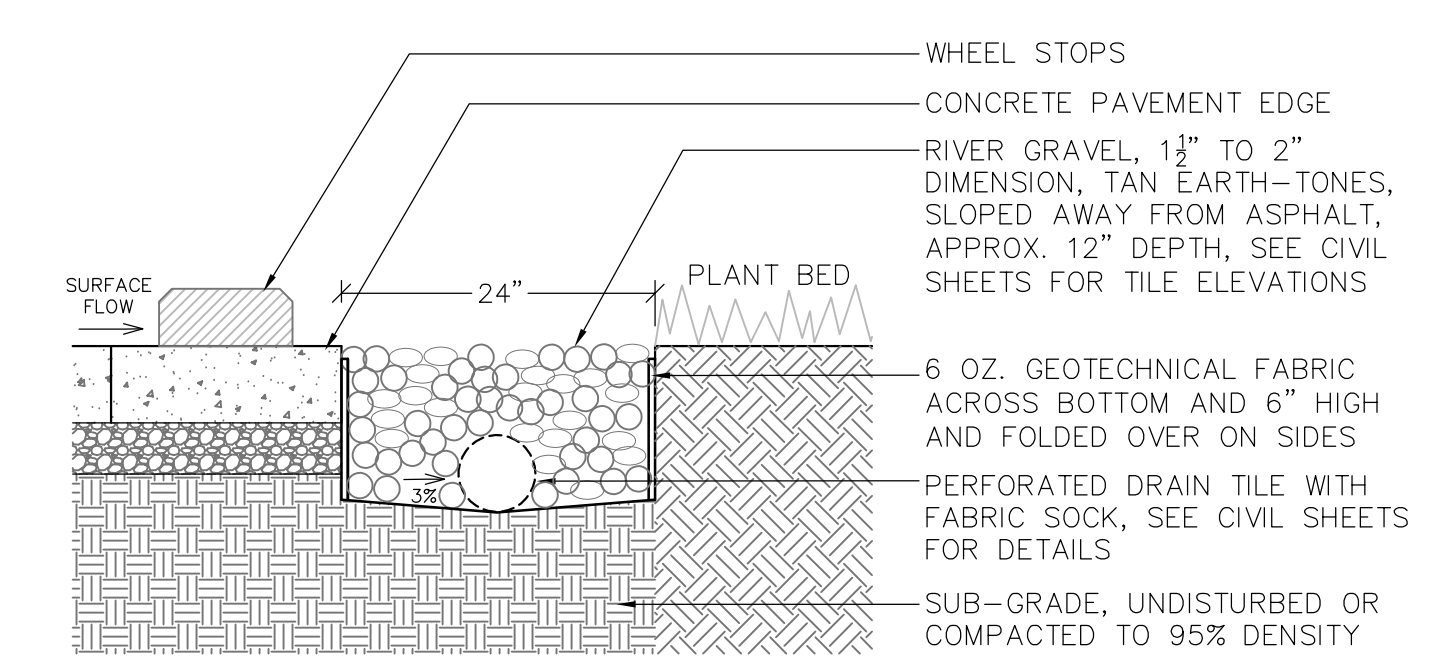
C ORNAMENTAL GRASS, PERENNIAL FLOWERS, AND GROUNDCOVER
L109 NOT TO SCALE



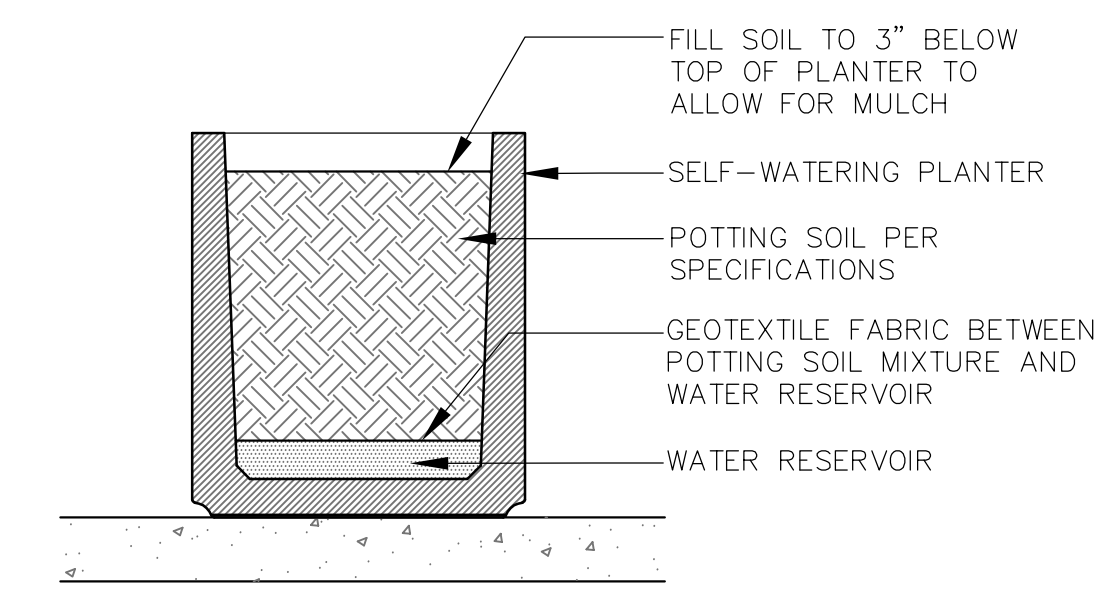
D TURF SOD
L109 NOT TO SCALE



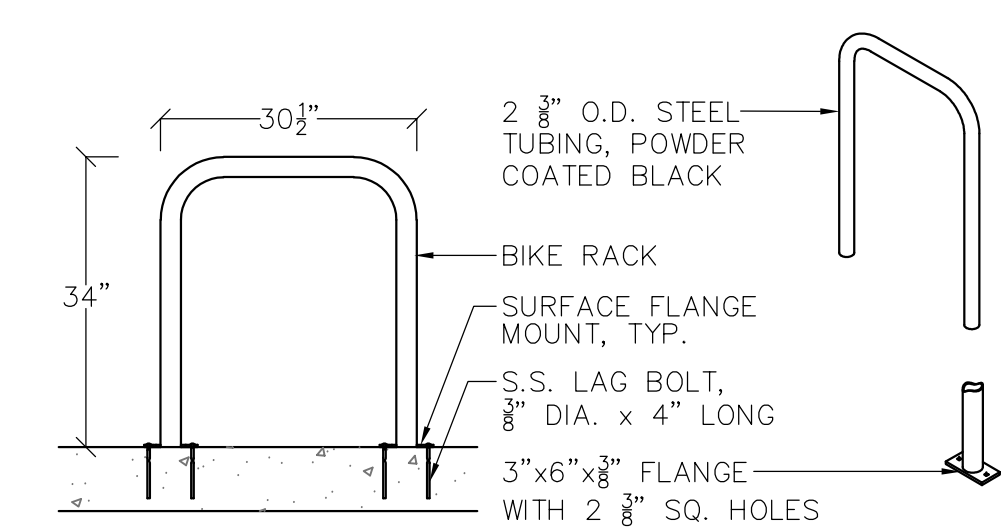
E TURF LAWN SOIL AND DRAINAGE
L109 NOT TO SCALE



F GRAVEL BORDER ADJACENT TO PARKING LOT
L109 NOT TO SCALE

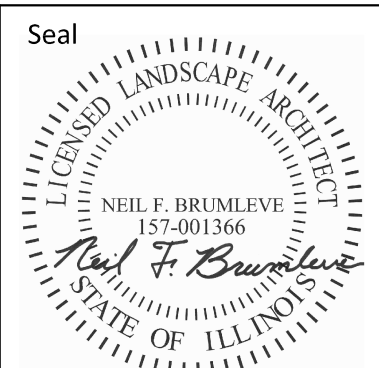
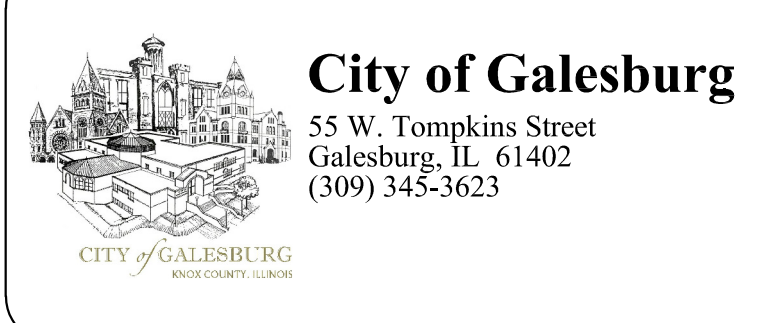


G PLANTER
L109 NOT TO SCALE



H BICYCLE RACK
L109 NOT TO SCALE

ISSUED FOR BIDDING (10.22.2018)



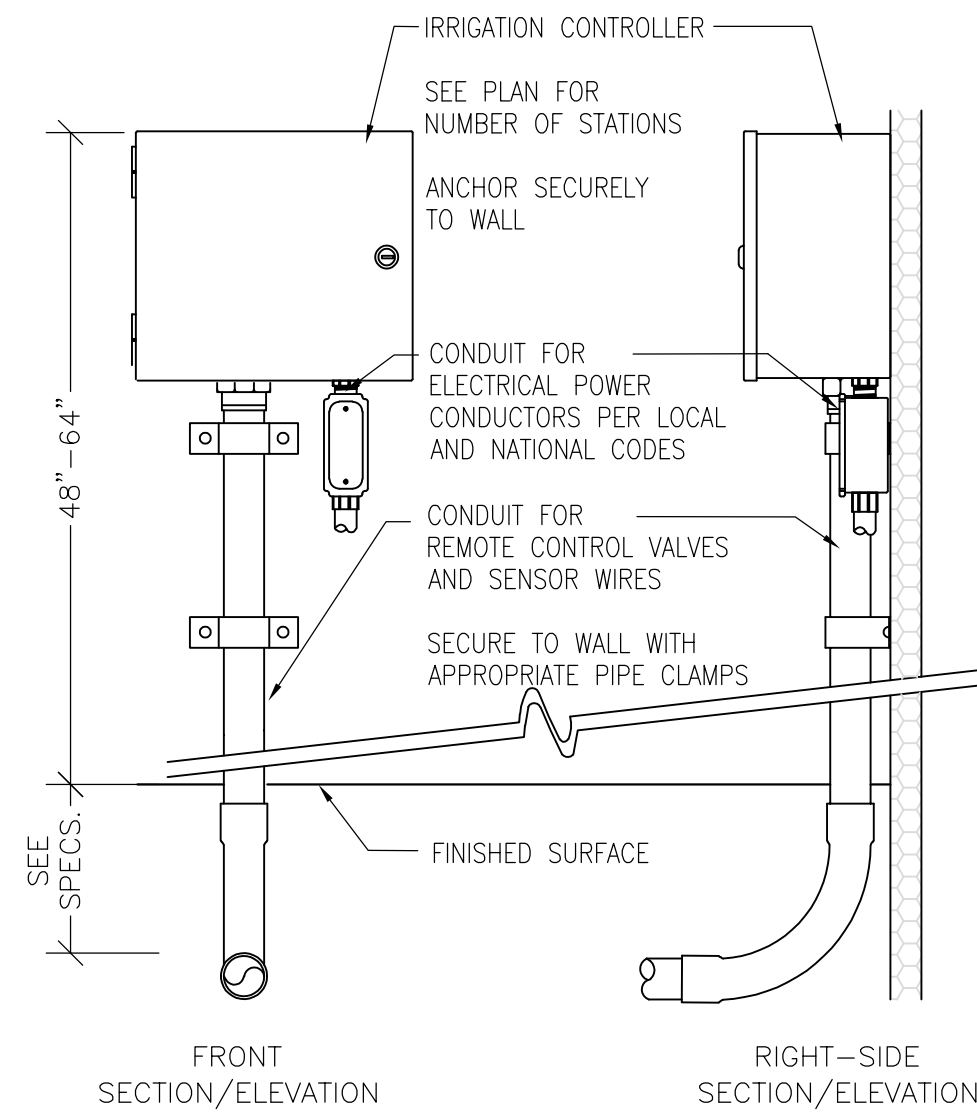
DESIGNED	KLM
DRAWN	NFB
REVIEWED	KLM

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PARK PLAZA AND PARKING LOT E

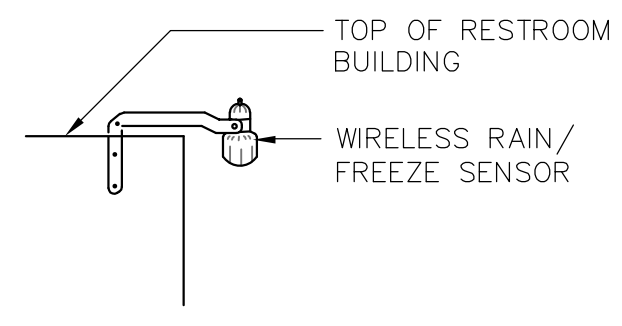
Planting and Drain Tile Details

L-109



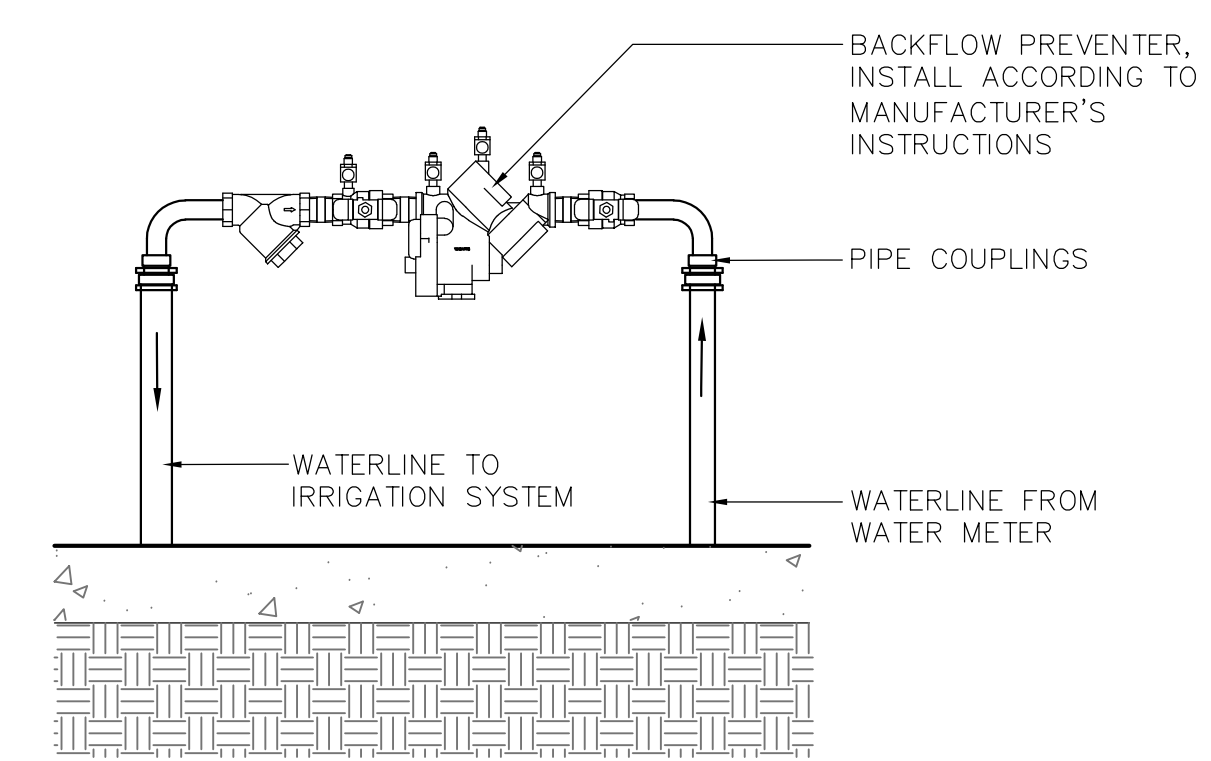
NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

A CONTROLLER
L110 NOT TO SCALE

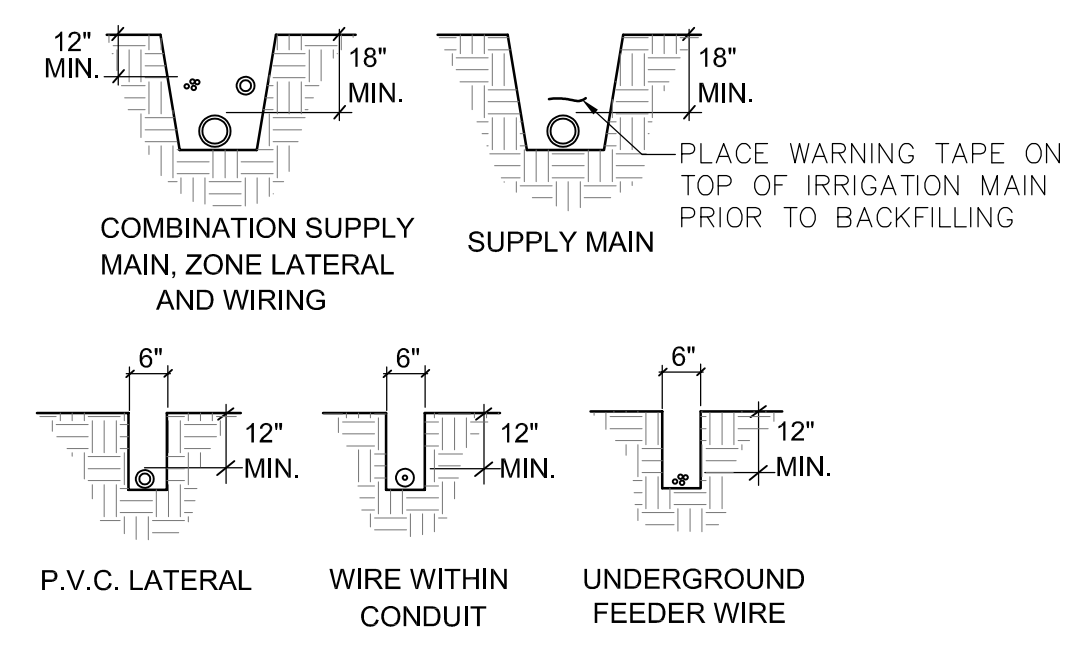


1. MOUNT RAIN SENSOR WHERE RAIN WILL FALL FREELY ON IT AS DIRECTED BY PROJECT MANAGER. MOUNTING HARDWARE PROVIDED. THE SWITCH HOUSING PORTION MUST BE UPRIGHT, BUT THE SWIVEL-BRACKET MAY BE MOVED FOR MOUNTING ON ANY ANGLED SURFACE.
2. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR WIRING, OPERATION AND ADJUSTMENT.

B RAIN SENSOR
L110 NOT TO SCALE

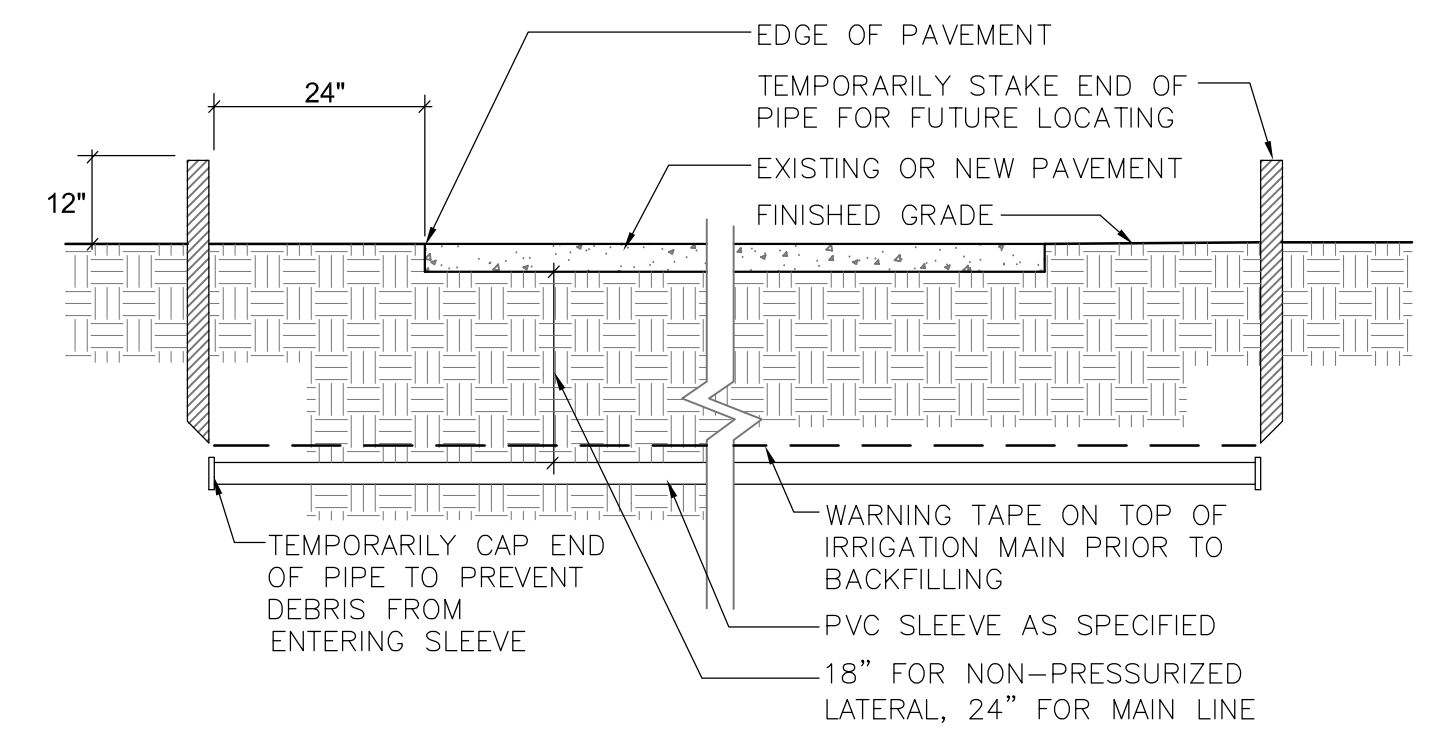


C BACKFLOW PREVENTER
L110 NOT TO SCALE

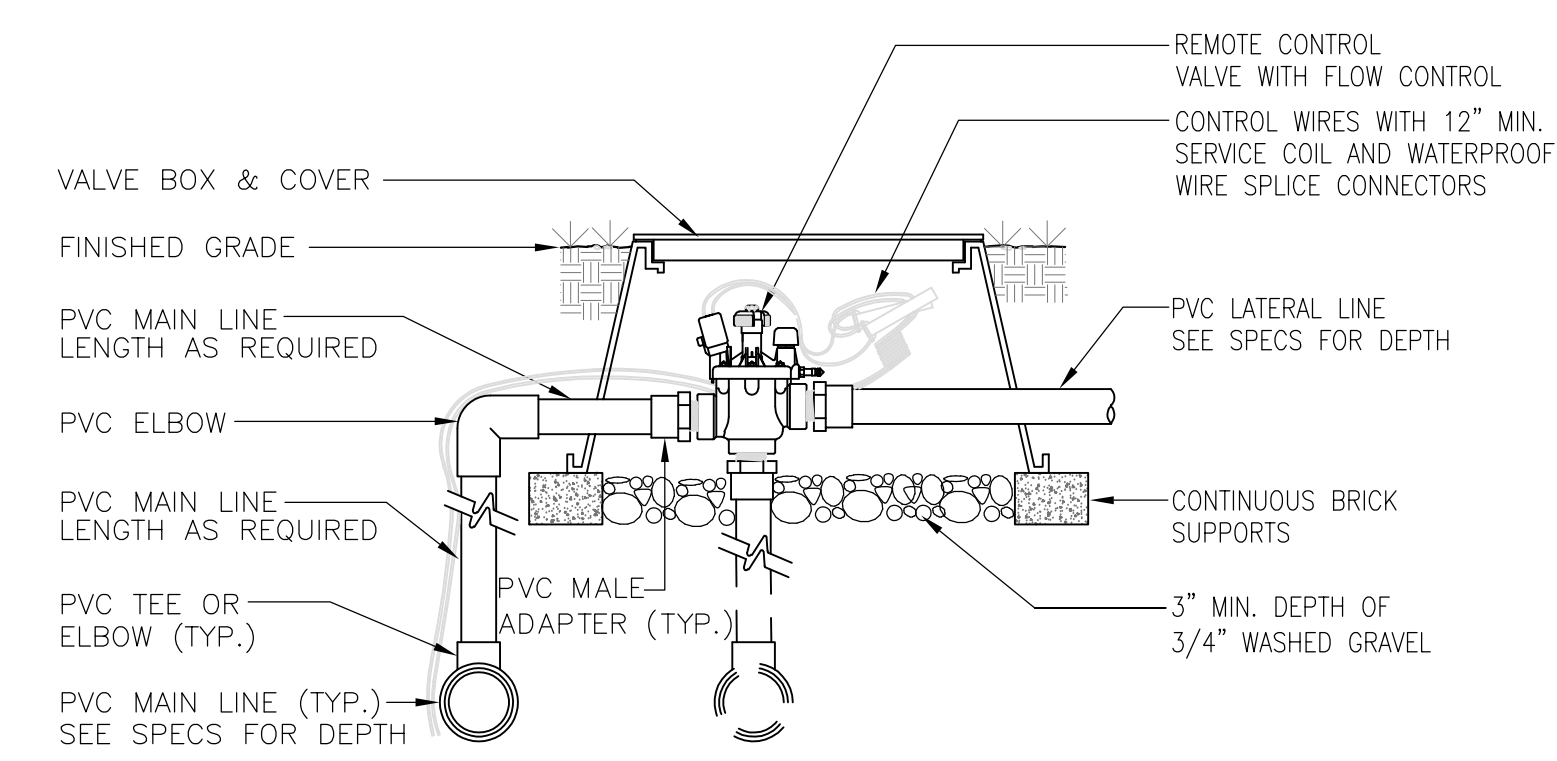


1. SNAKE ALL WIRING IN TRENCHES.
2. INSTALL ALL WIRING PER LOCAL CODES.
3. BUNDLE AND TAPE ALL WIRING AT 10' INTERVALS.
4. INSTALL ALL MAIN SUPPLY LINES PER PROJECT SPECIFICATIONS.
5. PLACE WARNING TAPE OVER IRRIGATION MAIN PRIOR TO BACKFILLING TRENCH.
6. PROVIDE SLEEVES FOR ALL PIPES AND WIRES UNDER PAVED SURFACES.

D TRENCH DETAILS
L110 NOT TO SCALE

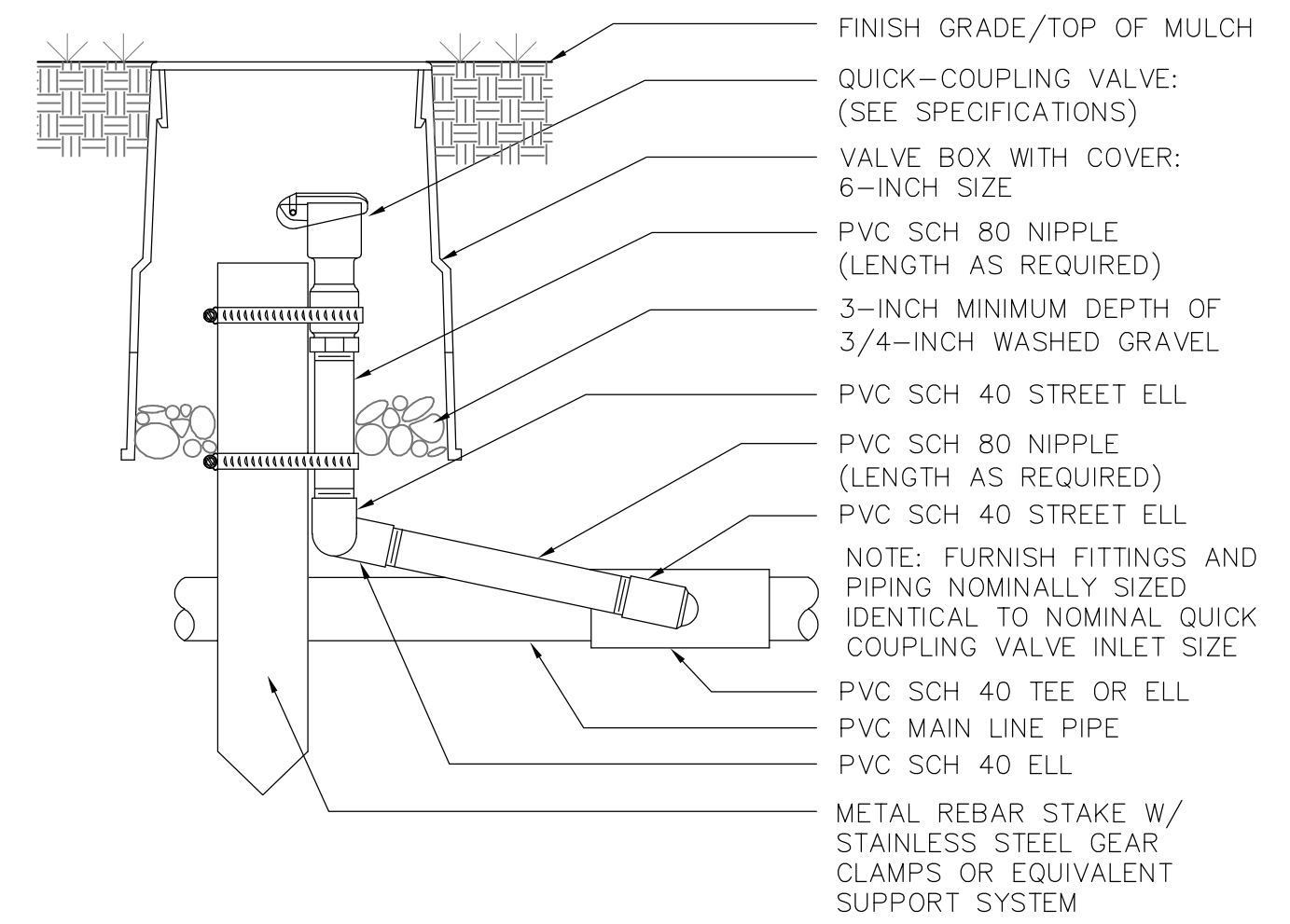


E SLEEVE DETAIL
L110 NOT TO SCALE

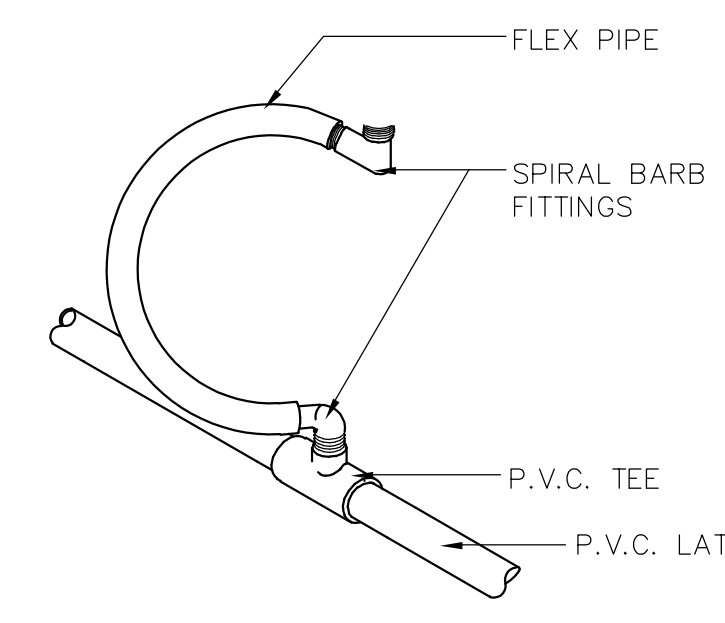


NOTES:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. SEE PLANS, LEGEND AND SPECIFICATIONS FOR ADDITIONAL INSTALLATION NOTES.

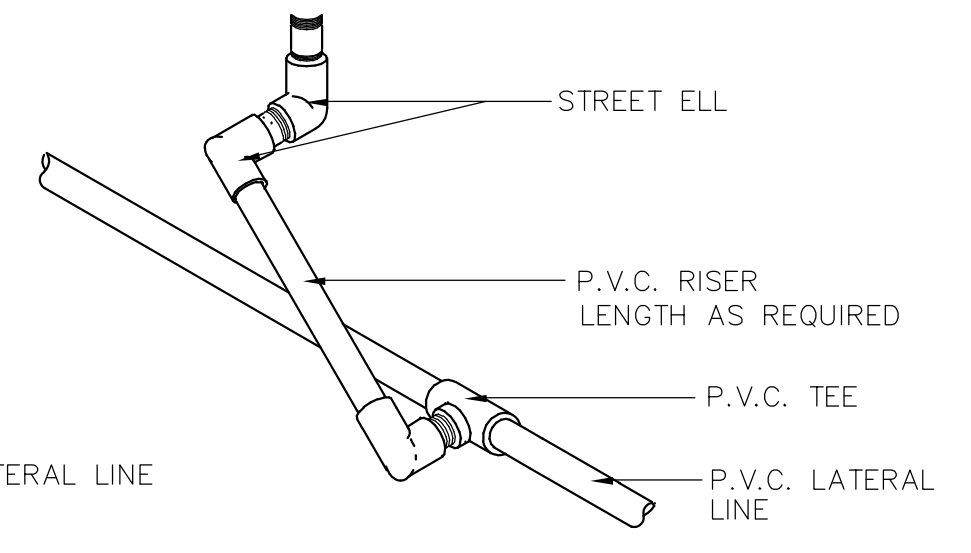
F ELECTRONIC ZONE VALVE
L110 NOT TO SCALE



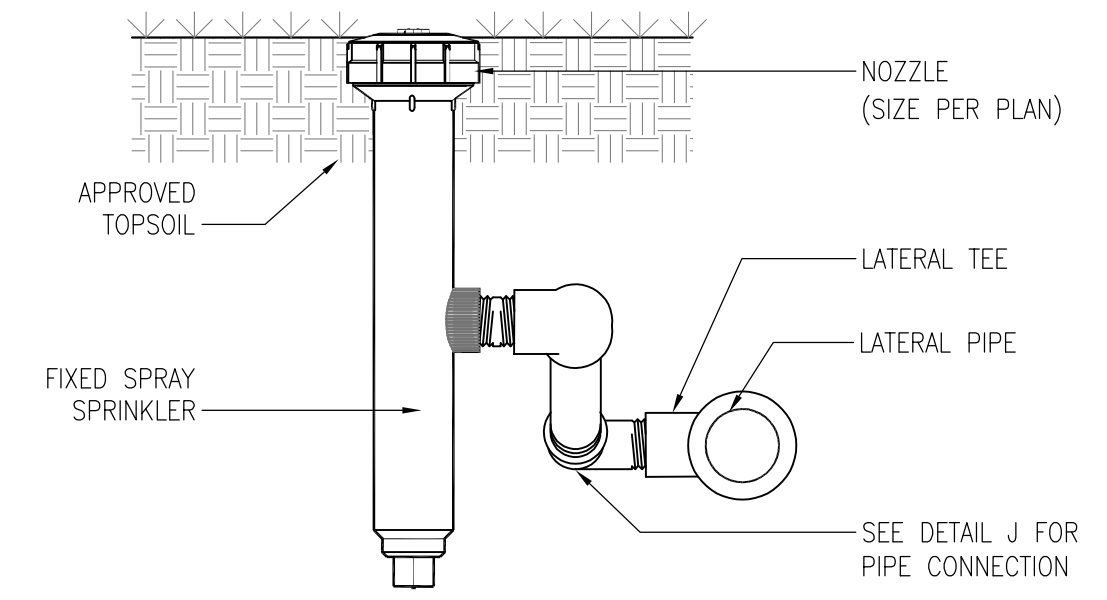
G QUICK COUPLER VALVE
L110 NOT TO SCALE



H PIPE TO SPRAY HEAD CONNECTIONS
L110 NOT TO SCALE

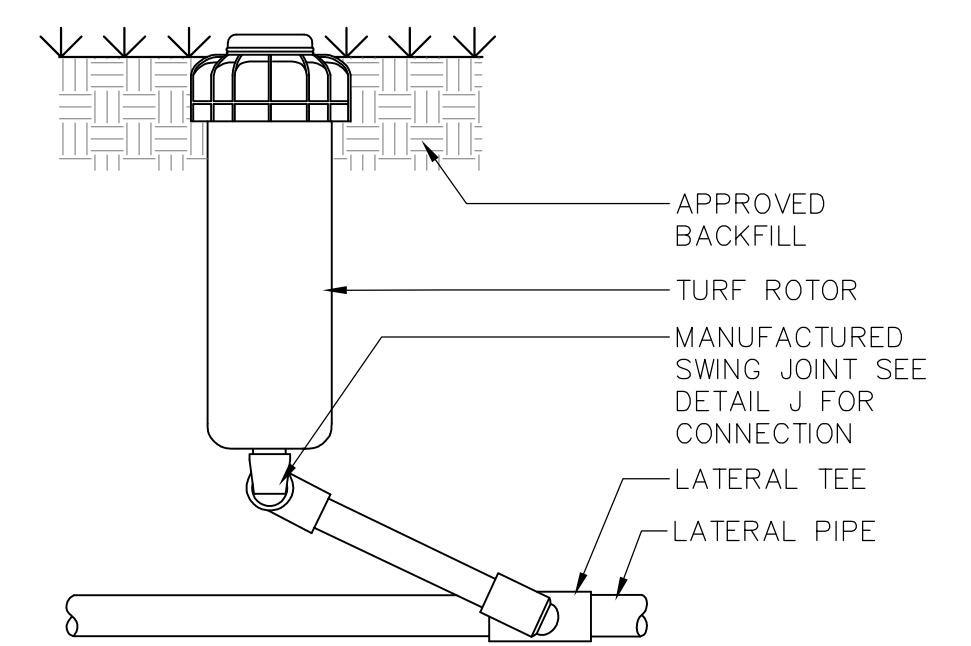


H P.V.C. SWING JOINT
L110 NOT TO SCALE



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. INSTALL SPRINKLER AT FINISHED GRADE.

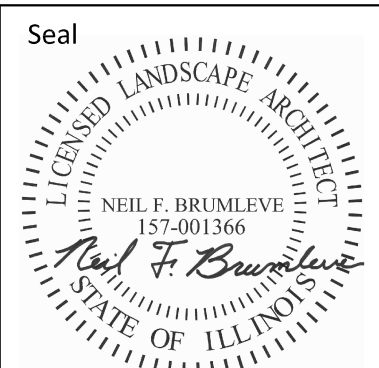
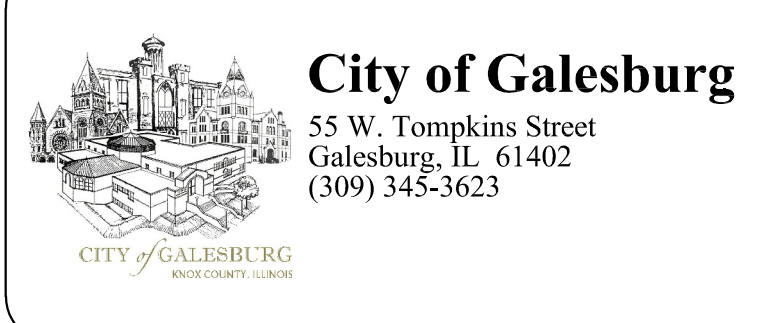
I SPRINKLER - FIXED SPRAY
L110 NOT TO SCALE



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. INSTALL HEAD AT FINISHED GRADE.

J SPRINKLER - ROTOR
L110 NOT TO SCALE

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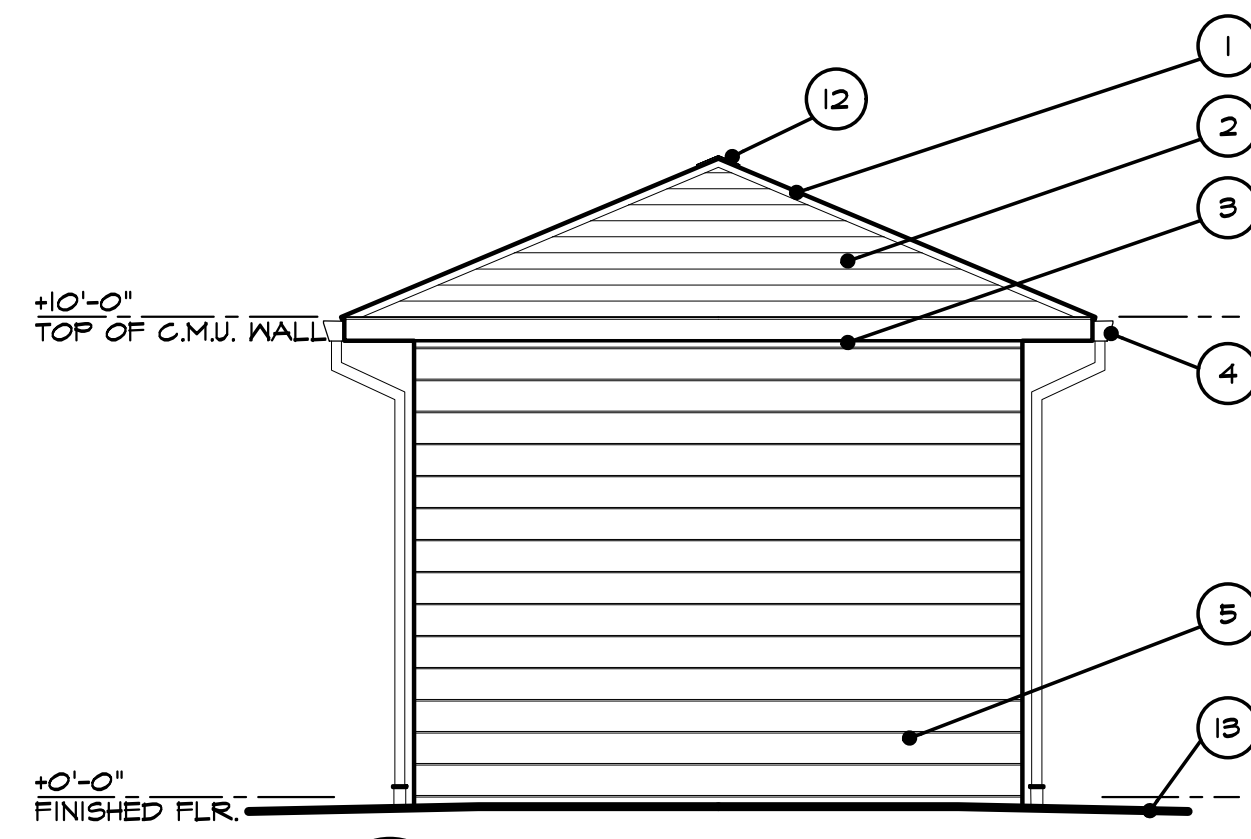


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DRAWN	NFB		
REVIEWED	KLM		

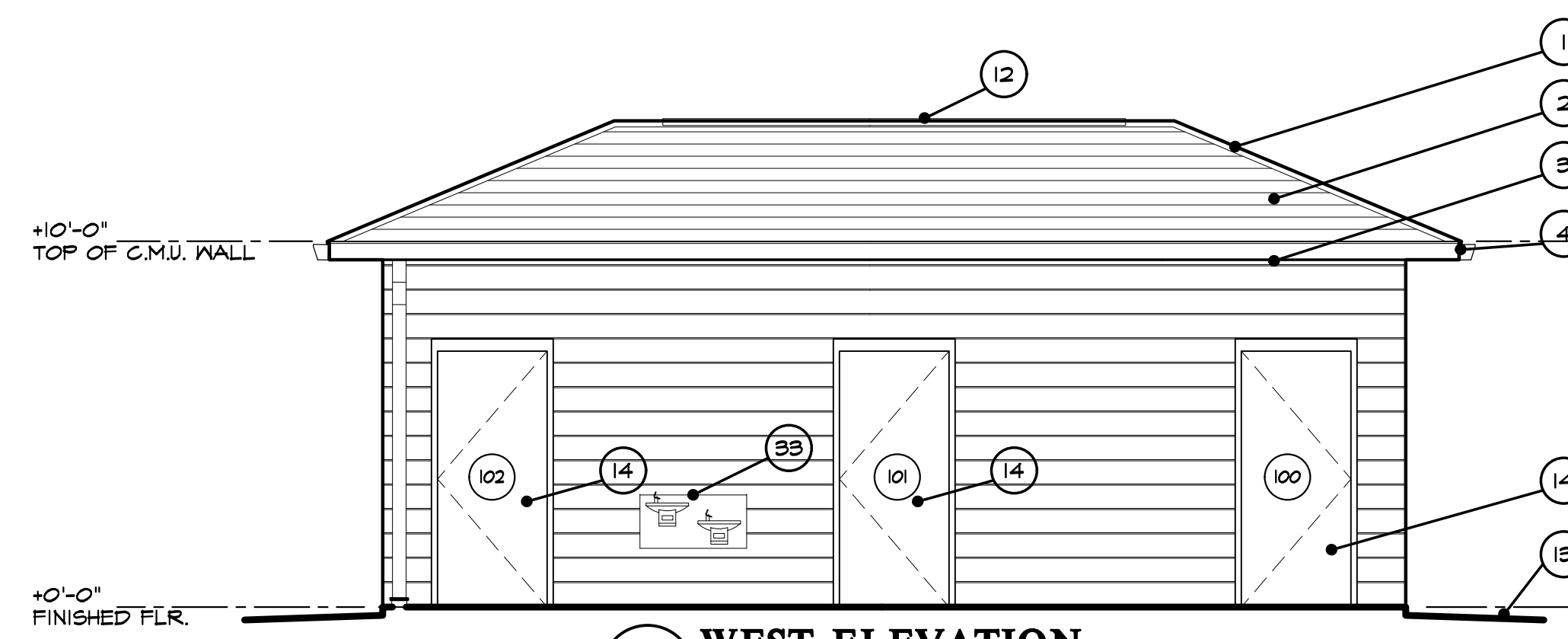
PARK PLAZA AND PARKING LOT E

Irrigation Details

L-110

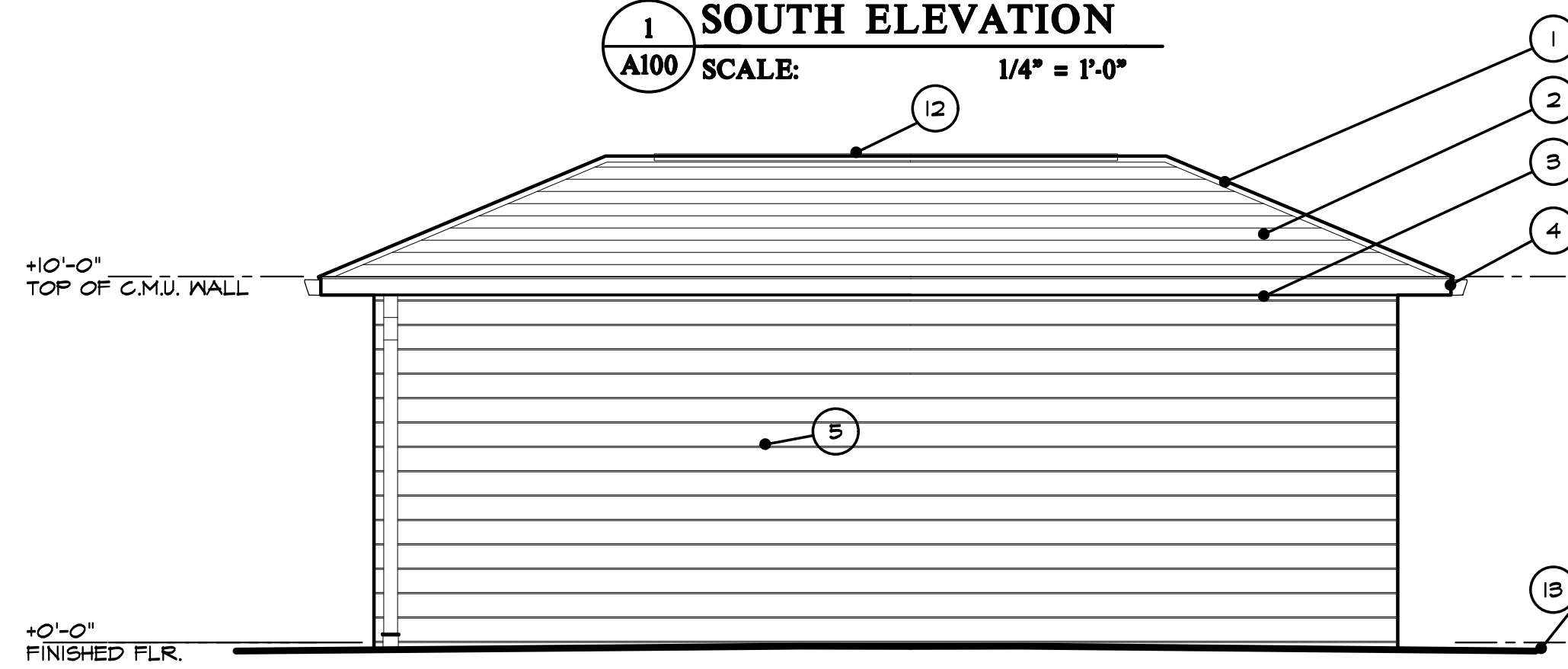


1 SOUTH ELEVATION
A100 SCALE: 1/4" = 1'-0"

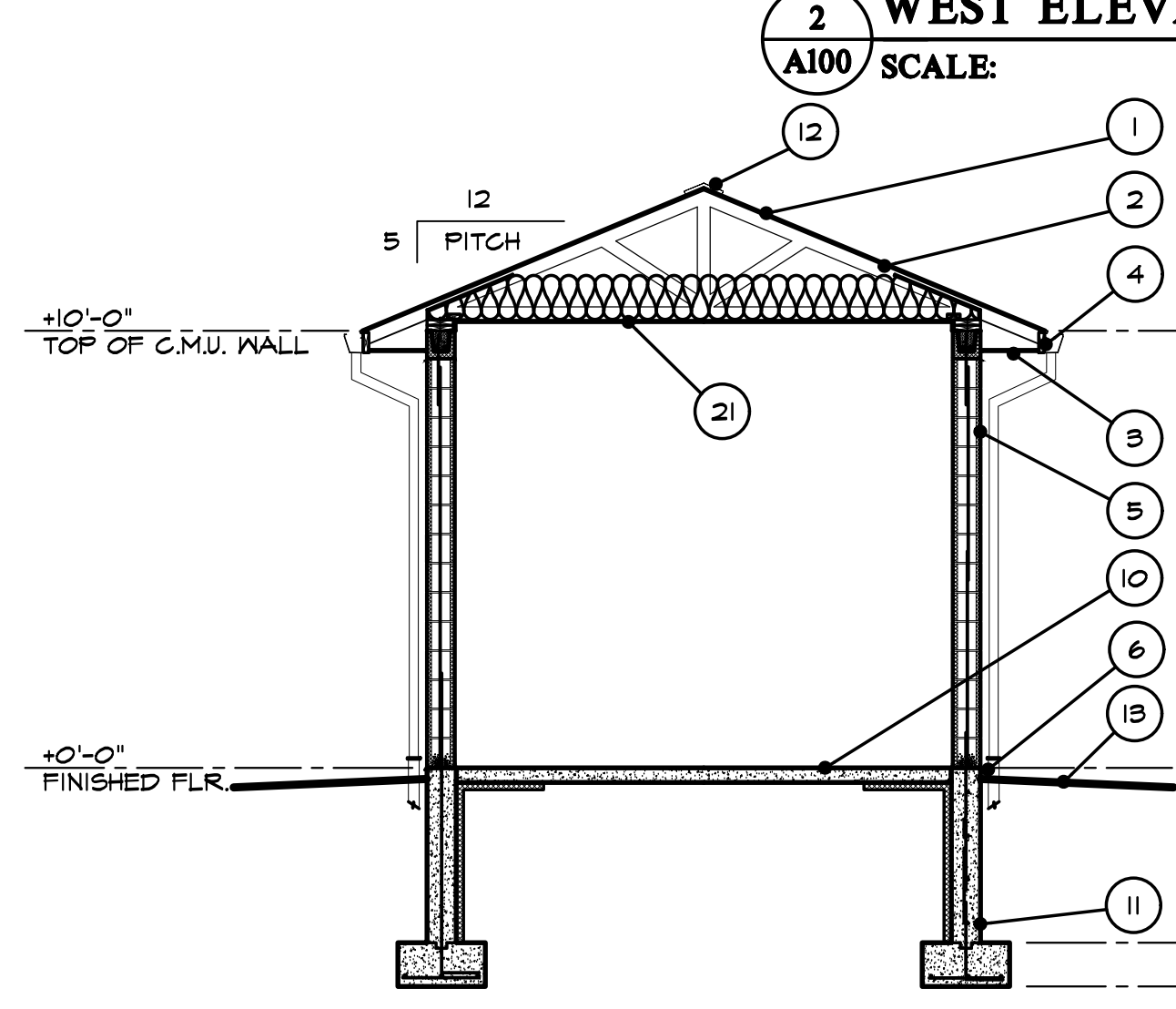


2 WEST ELEVATION
A100 SCALE: 1/4" = 1'-0"

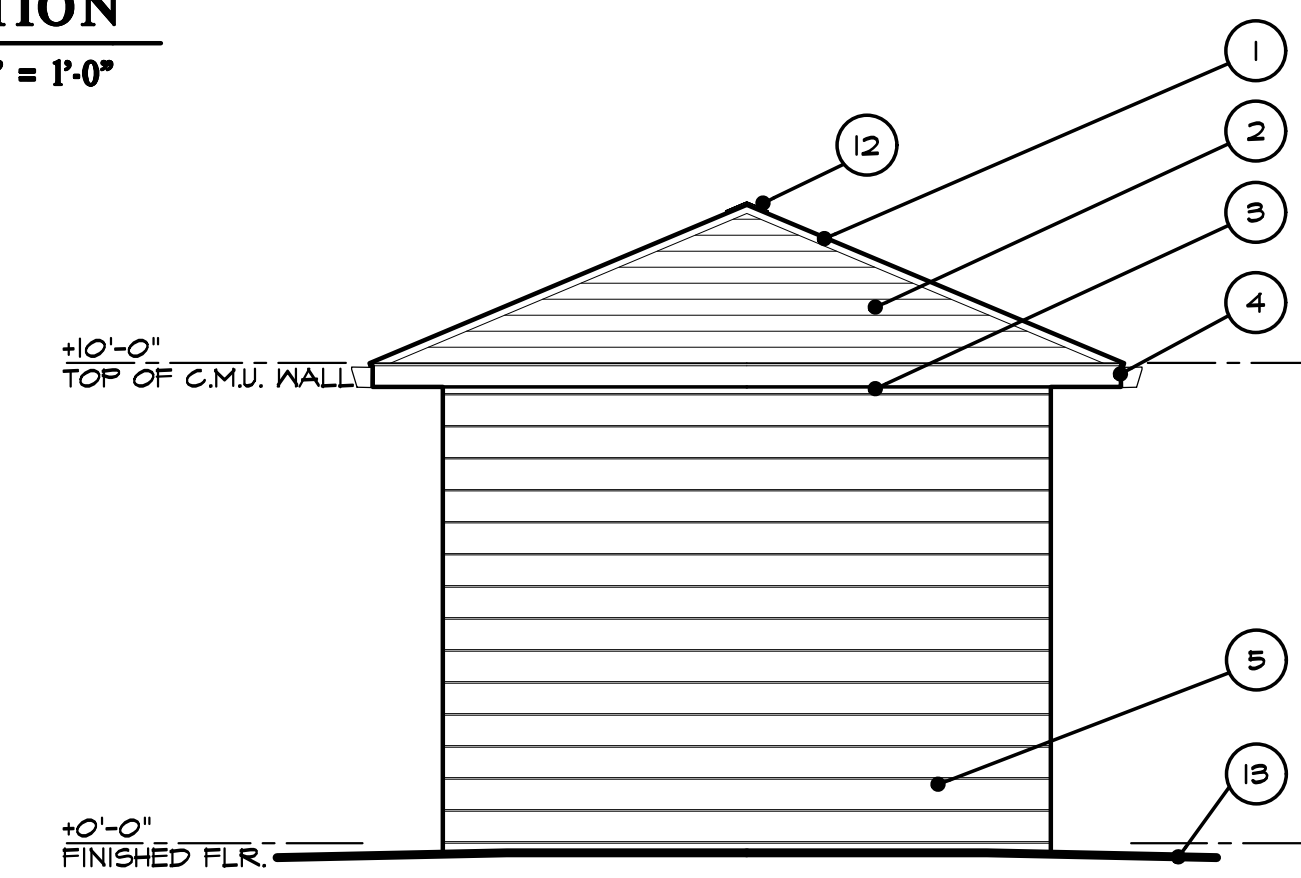
BASE BID
BUILDING AS NOTED ON THIS SHEET (A-100) SHALL BE CONSIDERED AND BID AS PART OF THE BASE BID.



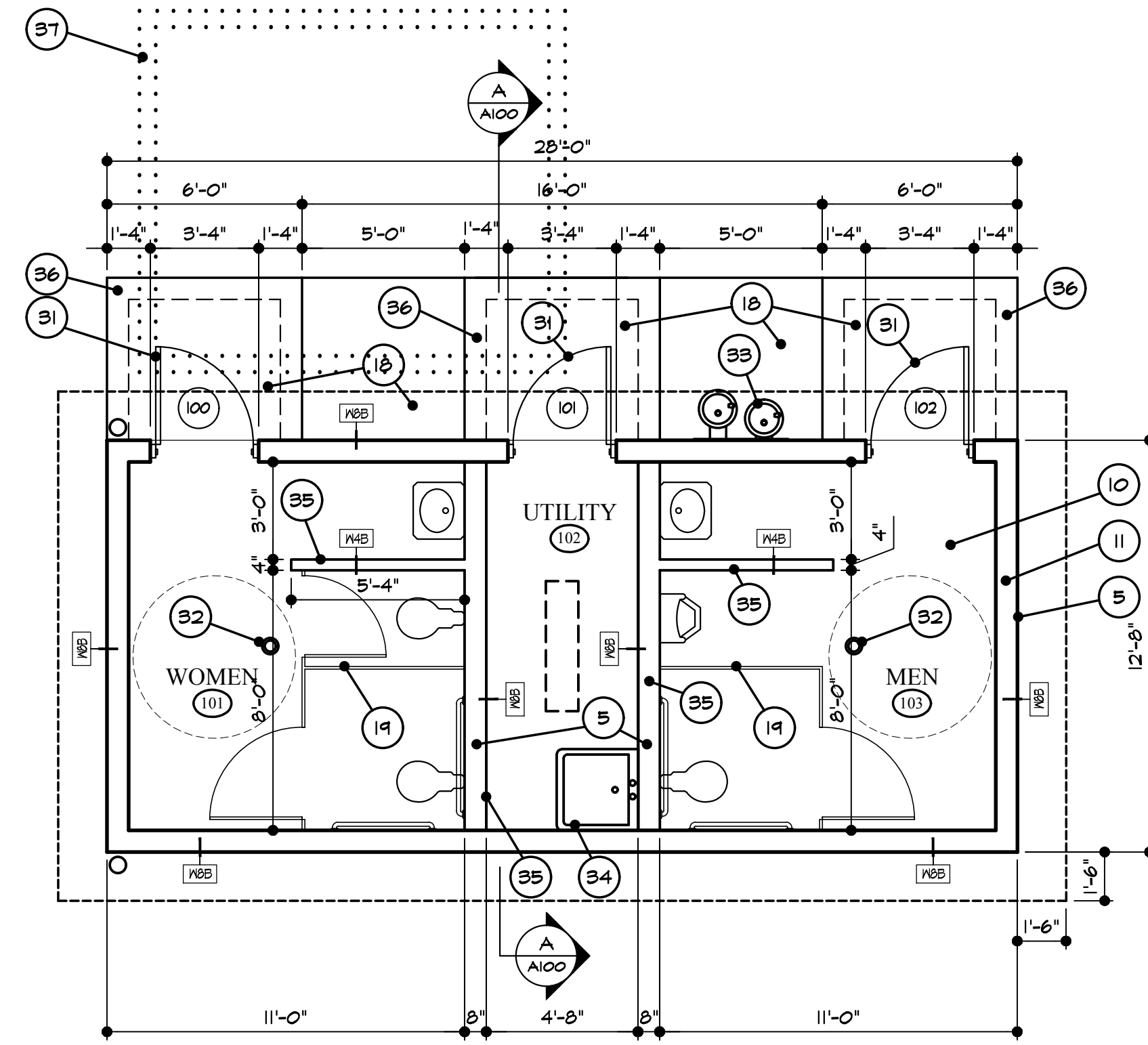
3 EAST ELEVATION
A100 SCALE: 1/4" = 1'-0"



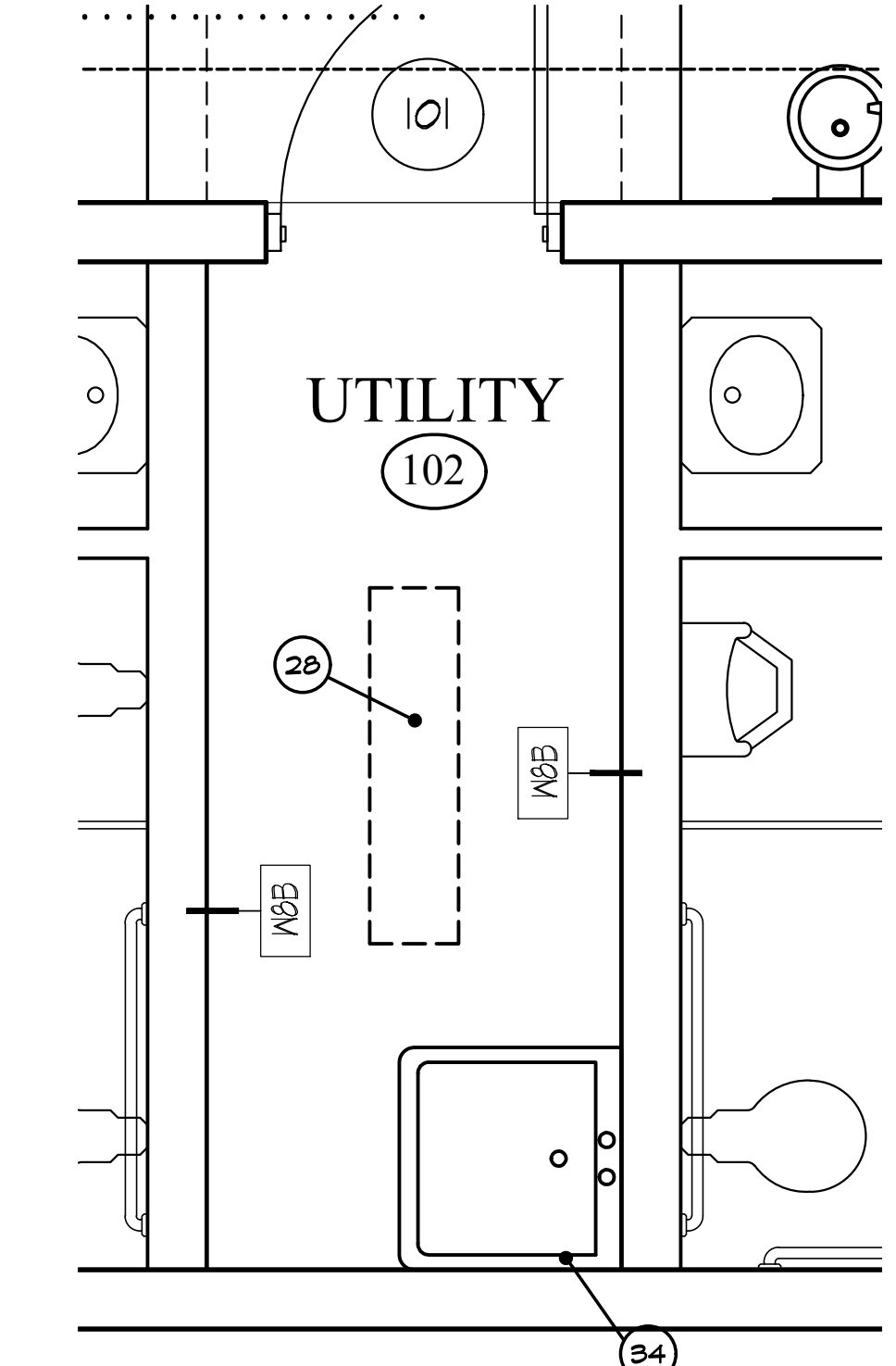
A-A BUILDING CROSS-SECTION
A100 SCALE: 1/4" = 1'-0"



4 NORTH ELEVATION
A100 SCALE: 1/4" = 1'-0"



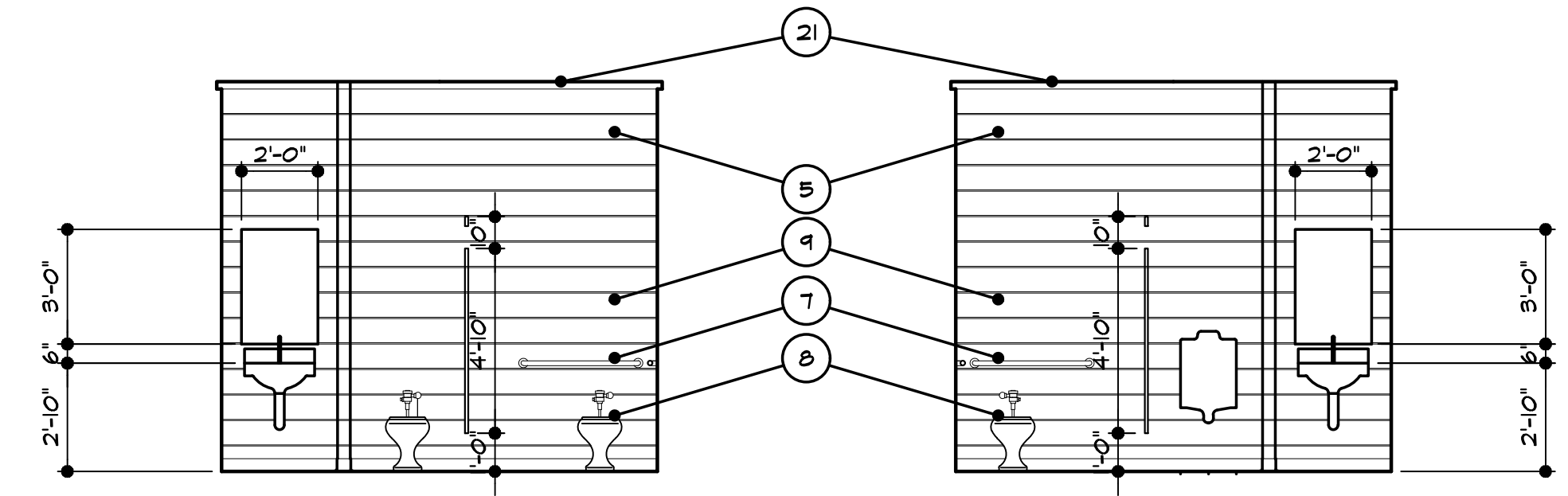
5 FLOOR PLAN
A100 SCALE: 1/4" = 1'-0"



6 ENLARGED FLOOR PLAN
A100 SCALE: 1/4" = 1'-0"

BATHROOM ACCESSORIES NOTE:
PROVIDE THE FOLLOWING BATHROOM ACCESSORIES, OR APPROVED EQUALS, AND MOUNT PER A.D.A. REQUIREMENTS:

- HAND DRYER: "AMERICAN DRYER" AD90-C (ONE THIS IN ROOM #101 AND ROOM # 103)
- GRAB BAR: "BOBRICK" B-5806 x 42" (ONE THIS IN ROOM #101 AND ROOM # 103)
- GRAB BAR: "BOBRICK" B-5806 x 36" (ONE THIS IN ROOM #101 AND ROOM # 103)
- GRAB BAR: "BOBRICK" B-5806 x 18" (ONE THIS IN ROOM #101 AND ROOM # 103)
- TOILET PAPER DISPENSER: "BOBRICK" B-2842 (TWO THIS IN ROOM #101 AND ROOM # 103)
- MIRROR: "BOBRICK" B-243 2436 (ONE THIS IN ROOM #101 AND ROOM # 103)
- SOAP DISPENSER: "BOBRICK" B-211 (ONE THIS IN ROOM #101 AND ROOM # 103)
- A.D.A. PIPE INSULATION: "TRUEBRO LAV GUARD 2" SERIES KITS (ONE THIS IN ROOM #101 AND ROOM # 103)
- A.D.A. TOILET PARTITION: "ASI GLOBAL PARTITIONS" SOLID PLASTIC (HDPE) FLOOR-ANCHORED, OVERHEAD-BRACED SERIES



7 ELEVATION -- ROOM #101
A100 SCALE: 1/4" = 1'-0"

8 ELEVATION -- ROOM #103
A100 SCALE: 1/4" = 1'-0"

- DRAWING KEY NOTES**
- BASIS OF DESIGN: LIFETIME GAF TIMBERLINE HD WOODSHAKE SHINGLES OVER 30# ROOFING FELT. PROVIDE 1/2" ICE & WATER SHIELD AT EAVES & RIDGES.
 - 5/8" EXTERIOR-GRADE O.S.B. ROOF SHEATHING OVER PRE-ENGINEERED TRUSSES AT 24" O.C.
 - PROVIDE PRE-FIN. SHT. METAL VENTED SOFFIT OVER FRAMING AS REQ'D.
 - PROVIDE PRE-FIN DRIP EDGE OVER 2X6 TREATED FASCIA. PROVIDE PREFINISHED METAL GUTTERS & DOWNSPOUTS.
 - BASIS OF DESIGN: 8" CONCRETE MASONRY UNITS. PROVIDE "PREMIER ULTRA BURNISHED MASONRY UNITS"; PROVIDE BURNISHED FINISH ON BOTH INTERIOR AND EXTERIOR FACETS OF BLOCKS; OWNER SHALL SELECT COLOR.
 - PREFINISHED THROUGH-WALL METAL FLASHING W/ DRIP EDGE
 - GRAB BARS
 - FLOOR-MOUNTED ADA H.C. W/ SEAT.
 - MOUNT ALL TOILET ACCESSORIES PER ADA.
 - 4" REINF. & SEALED CONCRETE SLAB OVER 4" COMPACTED ROCK BASE. PROVIDE SMOOTH FINISH, FREE OF TROWEL MARKS; SLOPE TO FLOOR DRAINS.
 - 8" REINF. CONC FOUNDATION WALL W/ 12"X24" REINF. FOOTING.
 - CONTINUOUS RIDGE VENT
 - VERIFY GRADE - COORD. W/ CIVIL DRAWINGS.
 - H.M. DOOR & FRAME - PAINT.
 - O.H. BRACED HDPE TOILET PARTITIONS.
 - 4" RESIL BASE (TYP).
 - CONTROL JOINT (TYP).
 - 5" REINF. CONCRETE SLAB OVER 4" COMPACTED ROCK BASE W/ BROOM FINISH (ALSO SEE CIVIL DRAWINGS).
 - COMPOSITE TOILET PARTITIONS W/ STAINLESS STEEL HARDWARE
 - THICKENED SLAB UNDER 8" CMU INTERIOR WALLS
 - 1/2" FRP CEILING
 - I.T. SHELF OR RACK W/ MIX BOX BELOW
 - TO UTILITY/SERVICES
 - 200 AMP METER BASE 120/240
 - 200 AMP MAIN BREAKER PANEL (40 CIRCUITS)
 - DRIVERS FOR L.E.D. LIGHTING
 - TIME CLOCK W/ TIMER ENCLOSURE BELOW
 - 1x4 L.E.D. LIGHT FIXTURE
 - GFCI ELECTRICAL OUTLET
 - WEATHER PROTECTED GFCI ELECTRICAL OUTLET
 - AT EACH DOOR, PROVIDE STEEL SLEEVED HOLE OPENING IN THE CONCRETE SLAB TO ACCEPT HOLD-OPEN CANE BOLTS
 - FLOOR DRAIN
 - DRINKING FOUNTAIN
 - MOP SINK
 - PROVIDE THICKENED SLAB UNDER MASONRY PARTITION WALLS (SEE DETAIL)
 - REINFORCED CONCRETE STOOP (SEE STOOP DETAIL); COORDINATE STOOPS WITH EXISTING AND NEW UNDERGROUND COMPONENTS AS SHOWN ON CIVIL DRAWINGS.
 - EXISTING SUBSURFACE ELECTRICAL VAULT TO REMAIN (SEE CIVIL DWGS.); FIELD VERIFY EXACT LOCATION AND COORDINATE WITH TYPICAL ENTRY STOOP FOUNDATION.

ISSUED FOR BIDDING (10.22.2018)

City of Galesburg
55 W. Tompkins Street
Galesburg, IL 61402
(309) 343-4181

Massie Massie + Associates
MMA
1210 South 5th Street
Springfield, IL 62703
(217) 544-3210

Bruner, Cooper, & Zuck, Inc.
188 E. Simmons Street
Galesburg, IL 61401
(309) 343-9282

Johnson Engineering, P.C.
1 North Old State Capital Plaza
Suite 310
Springfield, IL 62701
Email: DJohnson@JohnsonEngineeringPC.com

Seal
KURT J. FANDERL
LICENSED ARCHITECT
STATE OF ILLINOIS

NUMBER	DATE	ISSUE
Date:	10-22-18	
Contract No.	PPPLE-2017	
	01	10/22/2018 ISSUED FOR BIDDING
DESIGNED	KLM	
DRAWN	NFB	
REVIEWED	KLM	

PARK PLAZA AND PARKING LOT E
Restroom Building Plans

A-100

ROOM FINISH SCHEDULE													
ROOM NO.	DESCRIPTION	FLOOR	BASE	WALLS				CEILING MATERIAL	CEILING HT.	REMARKS			
				NORTH	EAST	SOUTH	WEST						
BASE BID	101	WOMEN'S RESTROOM	SEALED CONC.	RESIL.	CMU	BURNISHED BLOCK	CMU	BURNISHED BLOCK	CMU	BURNISHED BLOCK	FRP	10'-2 1/2"	--
	102	UTILITY	SEALED CONC.	RESIL.	CMU	BURNISHED BLOCK	CMU	BURNISHED BLOCK	CMU	BURNISHED BLOCK	FRP	10'-2 1/2"	--
	103	MEN'S RESTROOM	SEALED CONC.	RESIL.	CMU	BURNISHED BLOCK	CMU	BURNISHED BLOCK	CMU	BURNISHED BLOCK	FRP	10'-2 1/2"	--
ALTERNATE #1	104	STORAGE ROOM	SEALED CONC.	RESIL.	CMU	BURNISHED BLOCK	CMU	BURNISHED BLOCK	CMU	BURNISHED BLOCK	FRP	10'-2 1/2"	--

ROOM FINISH SCHEDULE REMARKS:

DOOR SCHEDULE										
NO.	DOOR		MAT.	GLASS	FRAME		HARDWR. GROUP	RATING	REMARKS	
	TYPE	SIZE (WxHxT)			TYPE	MATL.				
BASE BID	100	A	3'-0"x7'-0"x1 3/4"	H.M.	-	I	H.M.	I	--	--
	101	A	3'-0"x7'-0"x1 3/4"	H.M.	-	I	H.M.	I	--	--
	102	A	3'-0"x7'-0"x1 3/4"	H.M.	-	I	H.M.	I	--	--
ALTERNATE #1	103	A	3'-0"x7'-0"x1 3/4"	H.M.	-	I	H.M.	I	--	ADDITIONAL DOOR AS PART OF ALTERNATE #1
	104	A	3'-0"x7'-0"x1 3/4"	H.M.	-	I	H.M.	I	--	ADDITIONAL DOOR AS PART OF ALTERNATE #1

DOOR TYPES
H.M. DOOR & FRAME (TYPICAL).

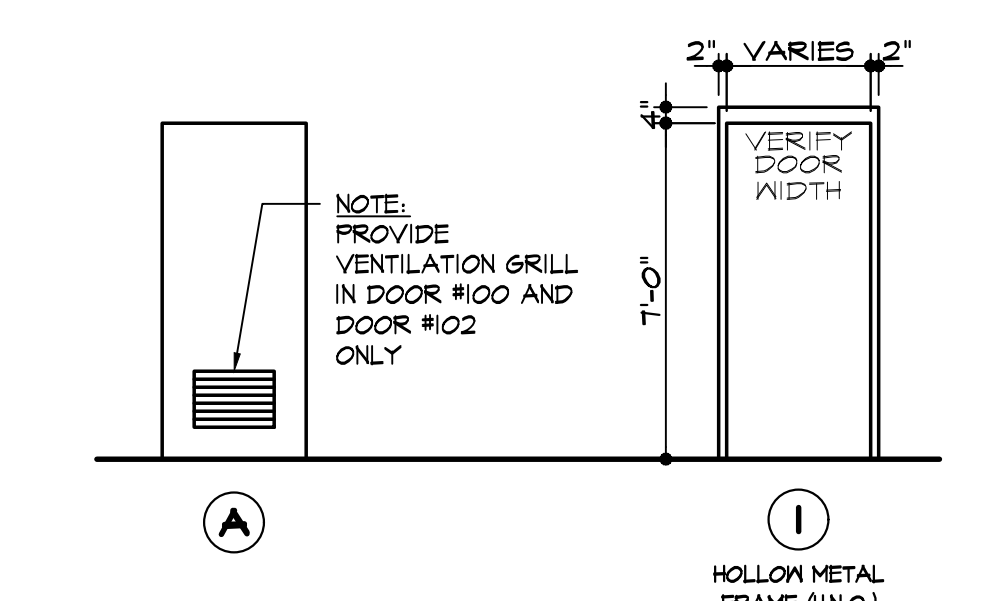
FRAME TYPES
H.M. DOOR & FRAME (TYPICAL). PROVIDE GALV. FRAMES AT EXTERIOR LOCATIONS.

DOOR SCHEDULE / GENERAL NOTES:

- ALL HARDWARE TO BE ADA COMPLIANT (TYPICAL).
- ALL DOORS PART OF BASE BID UNLESS NOTED OTHERWISE.

DOOR SCHEDULE / INSTALLATION NOTES:

- ALL H.M. DOORS AND/OR FRAMES SHALL BE PAINTED (TYP). PROVIDED GALVANIZED H.M. DOOR & FRAME AS SCHEDULED. PROVIDE DOOR SILENCERS AT H.M. FRAMES (TYP).
- FRAMES SHALL BE RIGIDLY ATTACHED TO MASONRY/CONSTRUCTION W/ ANCHORS OF MANUFACTURER'S DESIGN.
- PROVIDE SEALANT AND BACKER ROD, BOTH SIDES OF ALL DOOR FRAMES.
- FIELD MEASURE ALL OPENINGS PRIOR TO INSTALLATION OF DOORS/FRAMES.



HARDWARE GROUPS

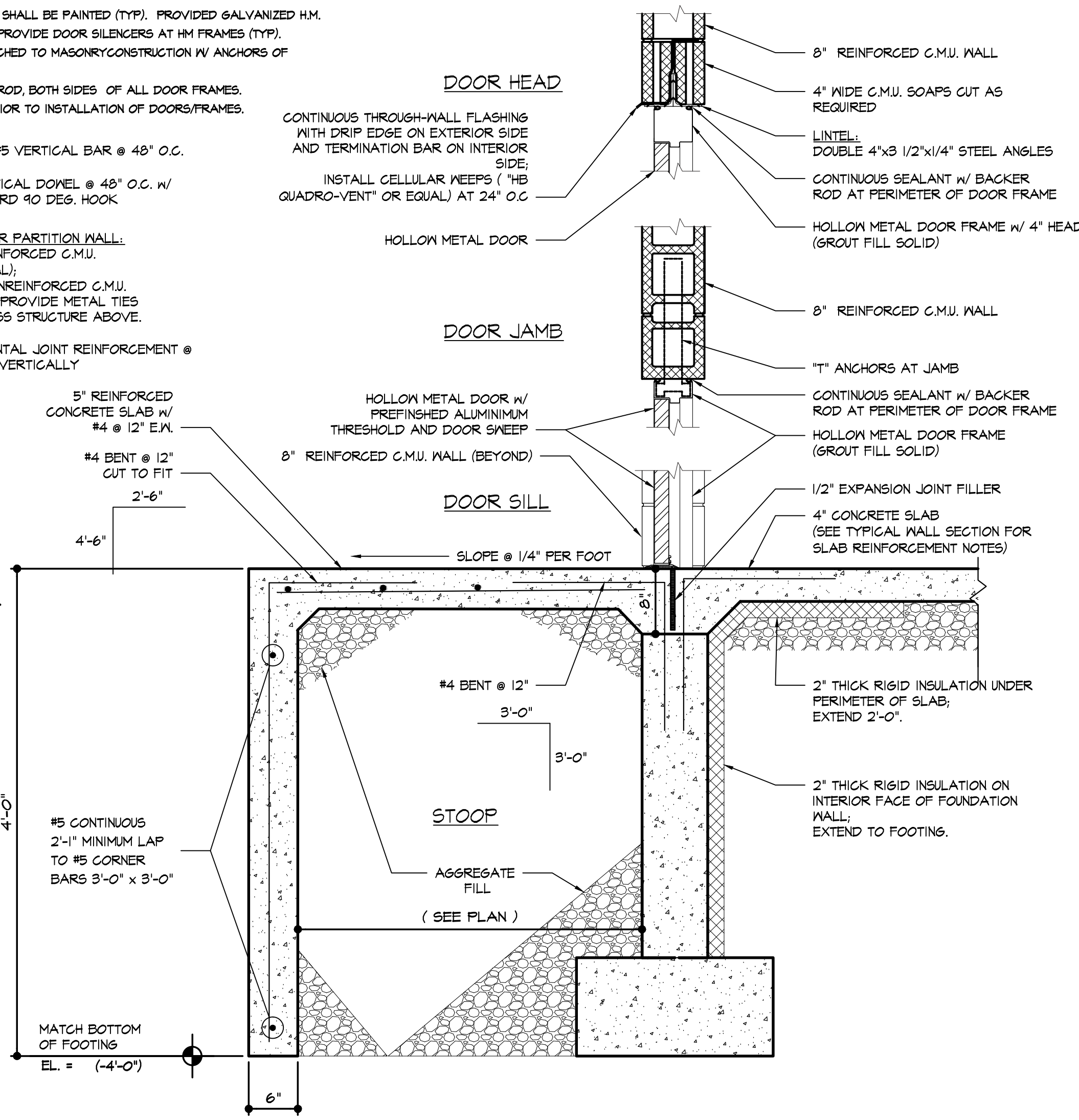
GROUP I: (BASIS OF DESIGN)

- 1 1/2" PR. HINGES;
- CLOSER;
- H.C. THRESHOLD;
- INDUSTRIAL LEVER HANDLES: "BEST";
- 9330N15652-626;
- PUSH & PULL PLATE;
- KICKPLATE;
- WALL BUMPER;
- "BEST LOCK" DEAD BOLT, KEYED FROM OUTSIDE, BLANK ON INSIDE, AND KEYED TO (AA-1) (BT-3-T-K-STK-626-DEADBOLT 2-3/4" BS.);
- STEEL CANE BOLT;

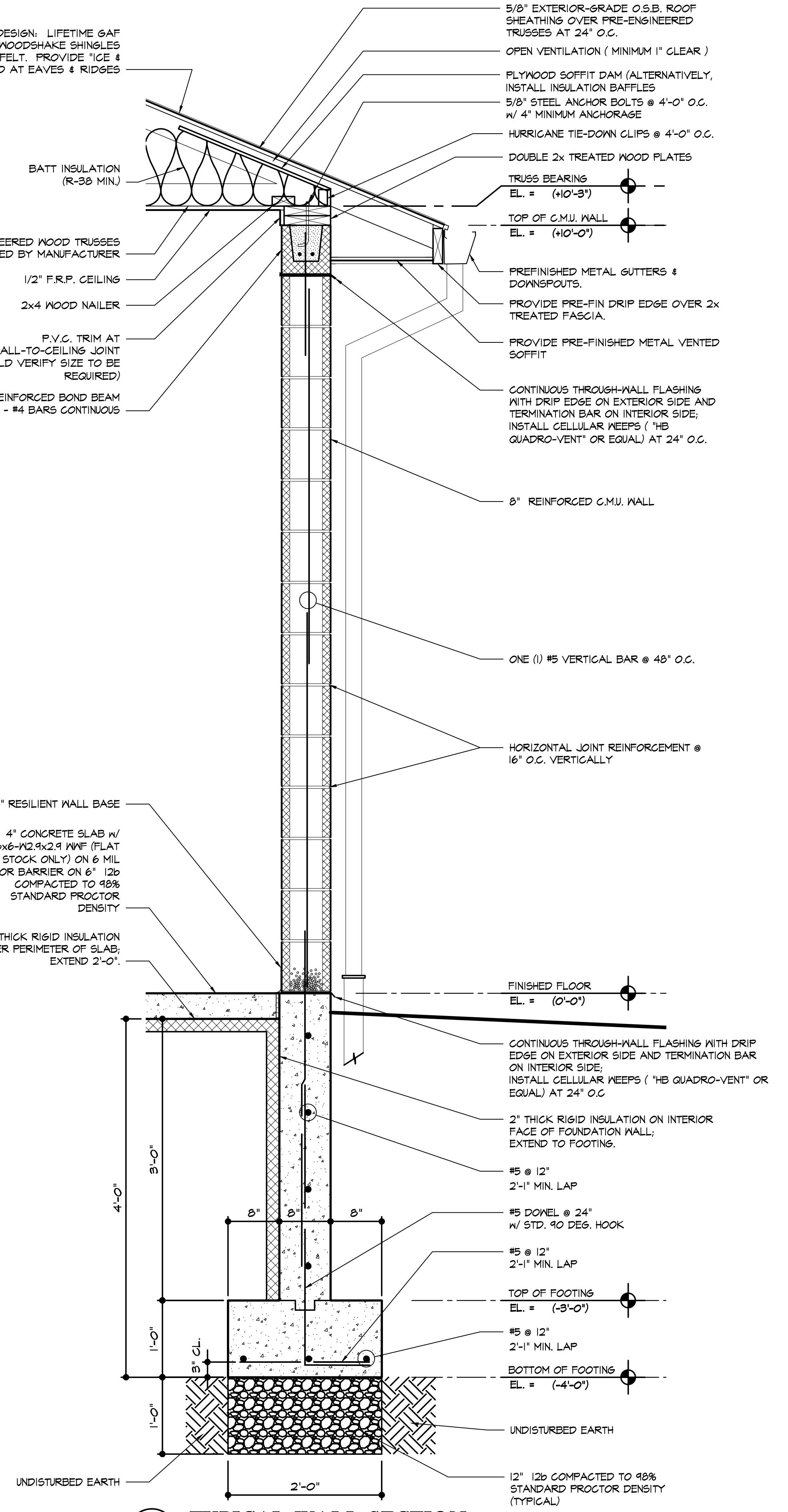
NOTE: COORDINATE HARDWARE WITH OWNER.

WALL TYPES	
WALL NO.	DESCRIPTION
W4B	4" BURNISHED CMU WALL W/ HORIZ. REINFORCING @ 16" O.C.; TOOL JOINTS BOTH SIDES. BOTH SIDES AND VISIBLE ENDS TO BE BURNISHED FINISH.
W8B	8" NOM. BURNISHED C.M.U. BLOCK WALL W/ HORIZ. JOINT REINF. @ 16" O.C. AND VERTICAL REINFORCING @ 48" O.C.; TOOL JOINTS BOTH SIDES OF WALL - BOTH SIDES AND VISIBLE ENDS TO BE BURNISHED FINISH.

- A.G.T.: ACOUSTIC CEILING TILE
 BLK.: BLOCK (CONCRETE BLOCK - CMU)
 CMU: CONCRETE MASONRY UNITS (PAINTED)
 CONC.: CONCRETE
 CPT: CARPET
 CPT TL: CARPET TILE (OR CPTT)
 C.T.: CERAMIC TILE
 EPX: EPOXY PAINT - SEE SPECS
 FRFP: FIBER-REINFORCED PLASTIC
 GYP BD: GYPSUM WALLBOARD
 LVT: LUXURY VINYL TILE
 M.R.: MOISTURE-RESISTANT
 MTL: METAL
 P.C.: POLISHED CONCRETE
 FINT: FINISH (OR FINT.)
 RESIL.: RESILIENT
 S.C.: SEALED CONCRETE
 S.S.: SOLID SURFACE
 VB: VINYL BASE
 VCT: VINYL COMPOSITION TILE
 VWC: VINYL WALL COVERING
 WOV: WALK-OFF CARPET TILE

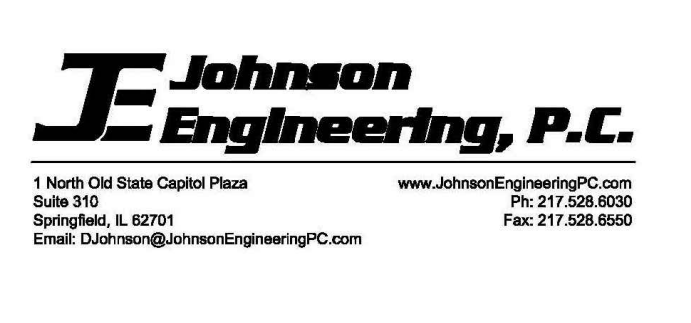
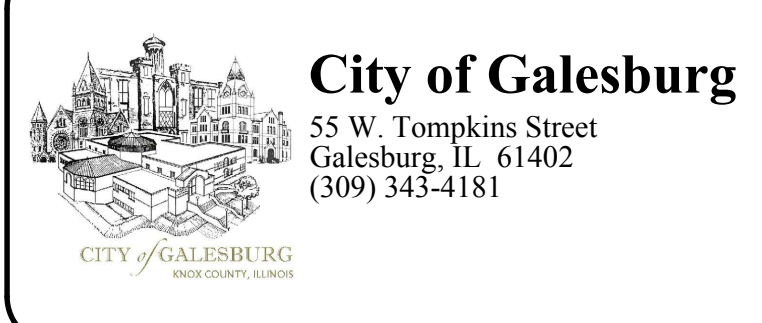


2 WALL SECTION @ TYPICAL DOOR
 SCALE: 1" = 1'-0"



3 TYPICAL WALL SECTION
 SCALE: 1" = 1'-0"

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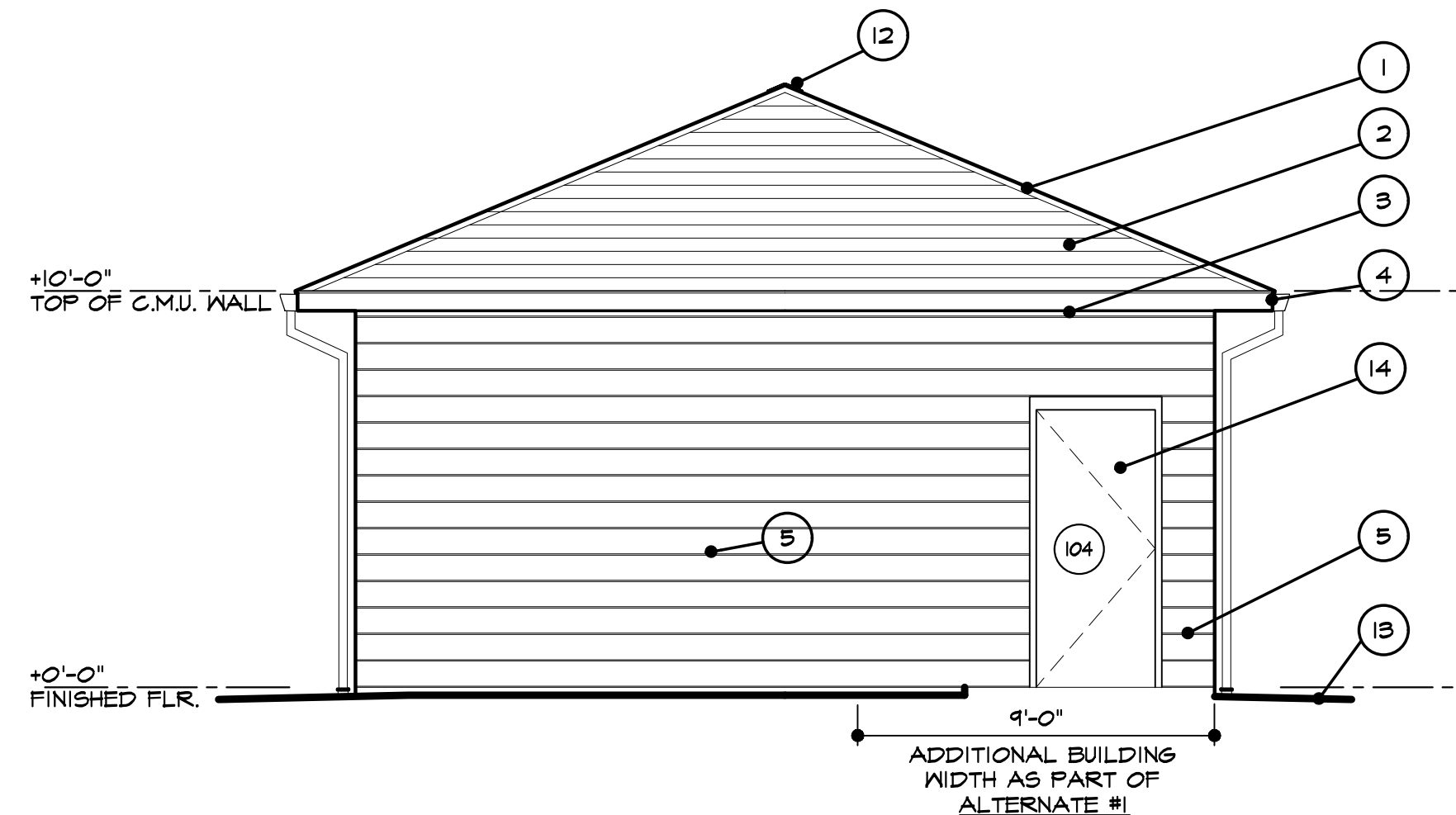
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DRAWN	NFB
REVIEWED	KLM

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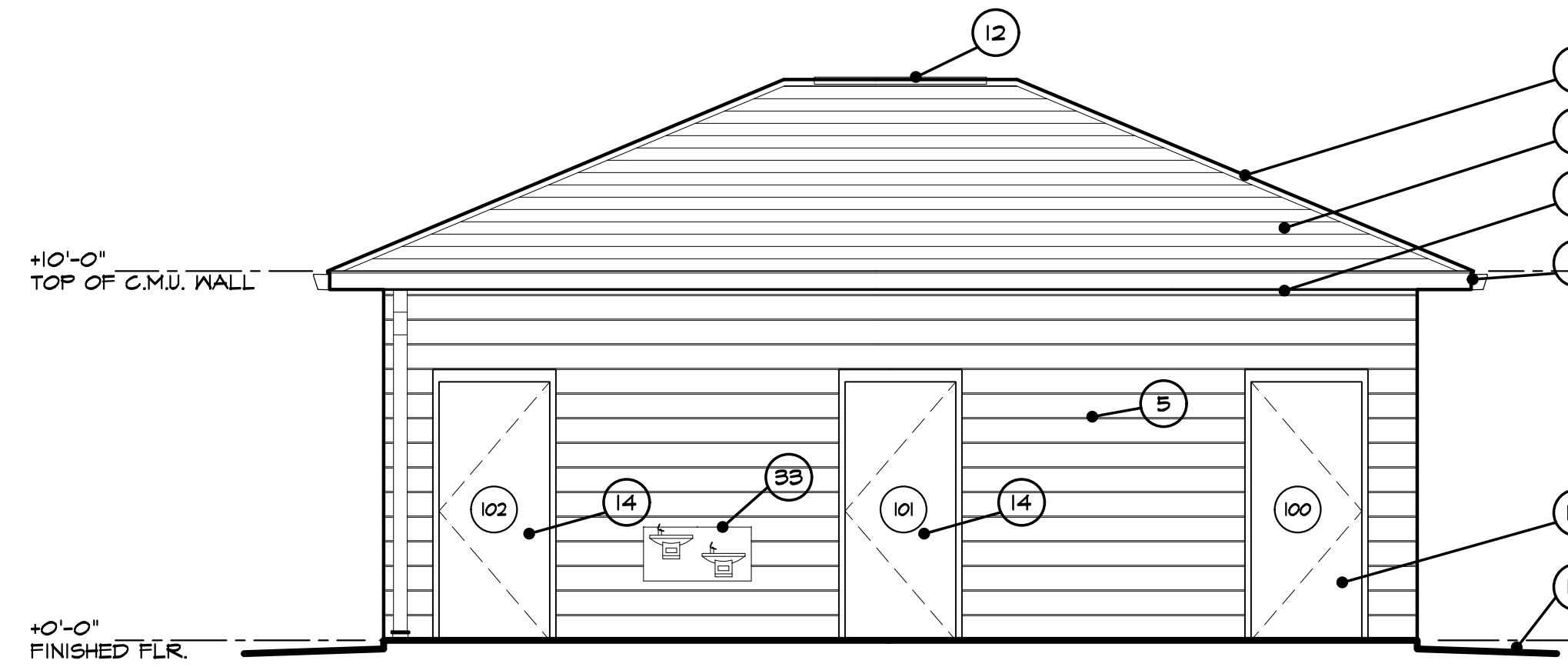
PARK PLAZA AND PARKING LOT E

Restroom Schedules and Notes

A-200

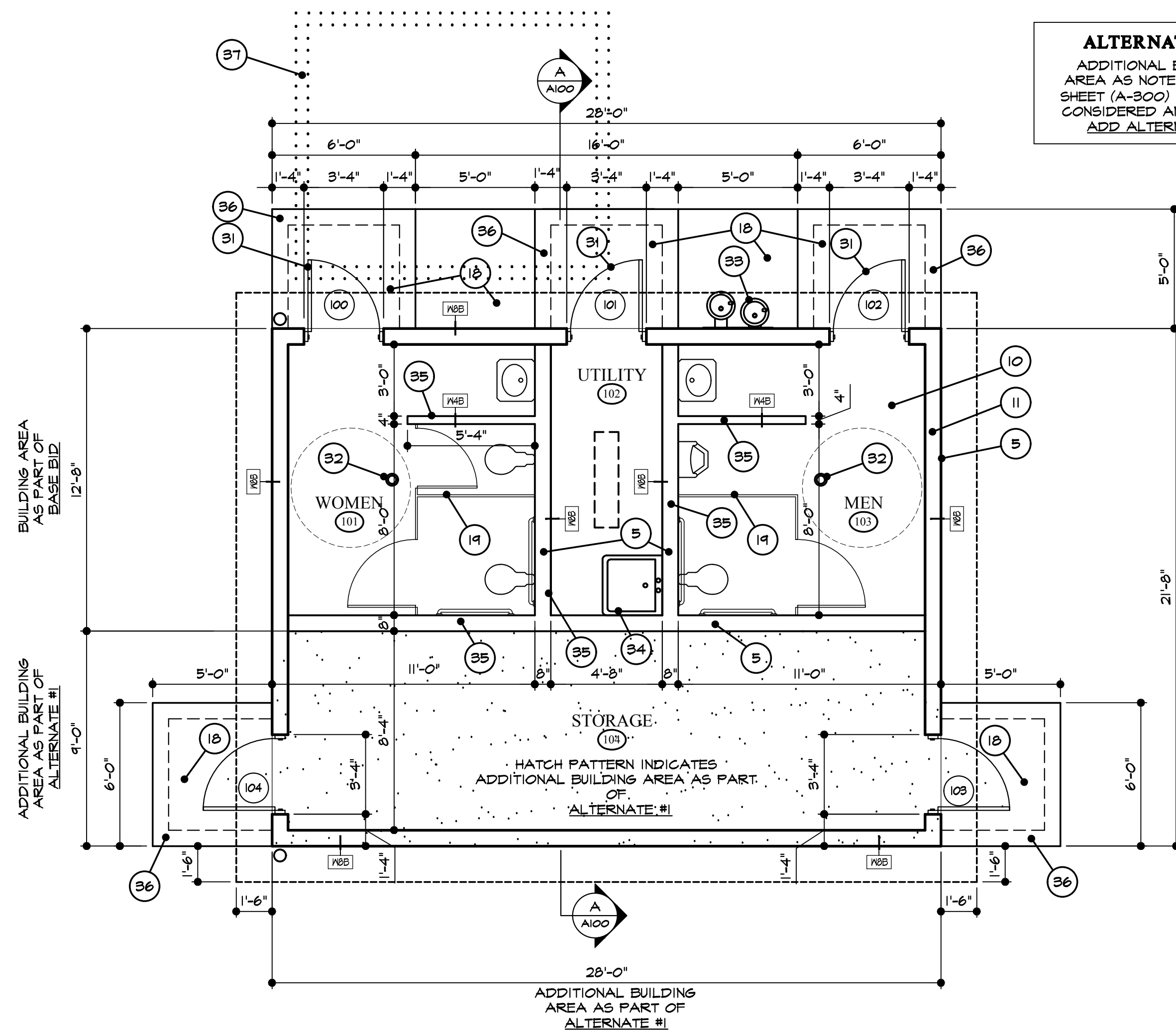


1 SOUTH ELEVATION
A300 SCALE: 1/4" = 1'-0"



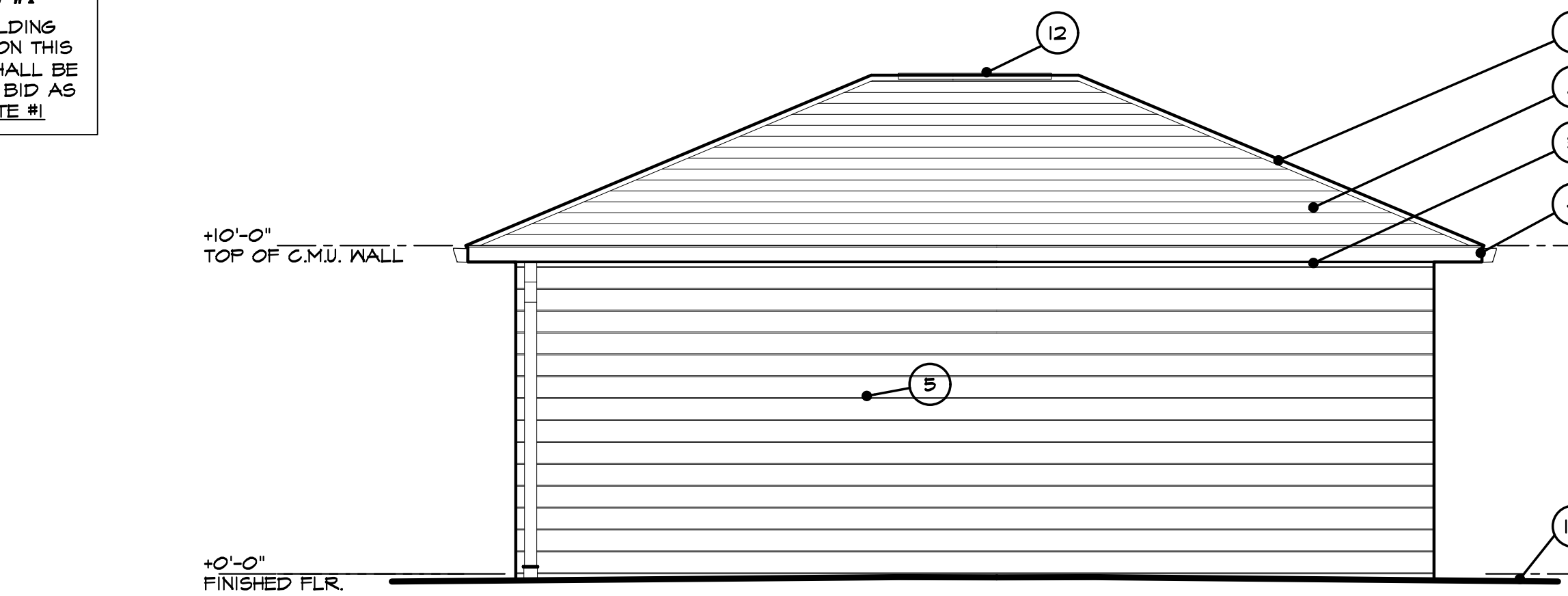
2 WEST ELEVATION
A300 SCALE: 1/4" = 1'-0"

DRAWING KEY NOTES
 (SEE SHEET A-100)

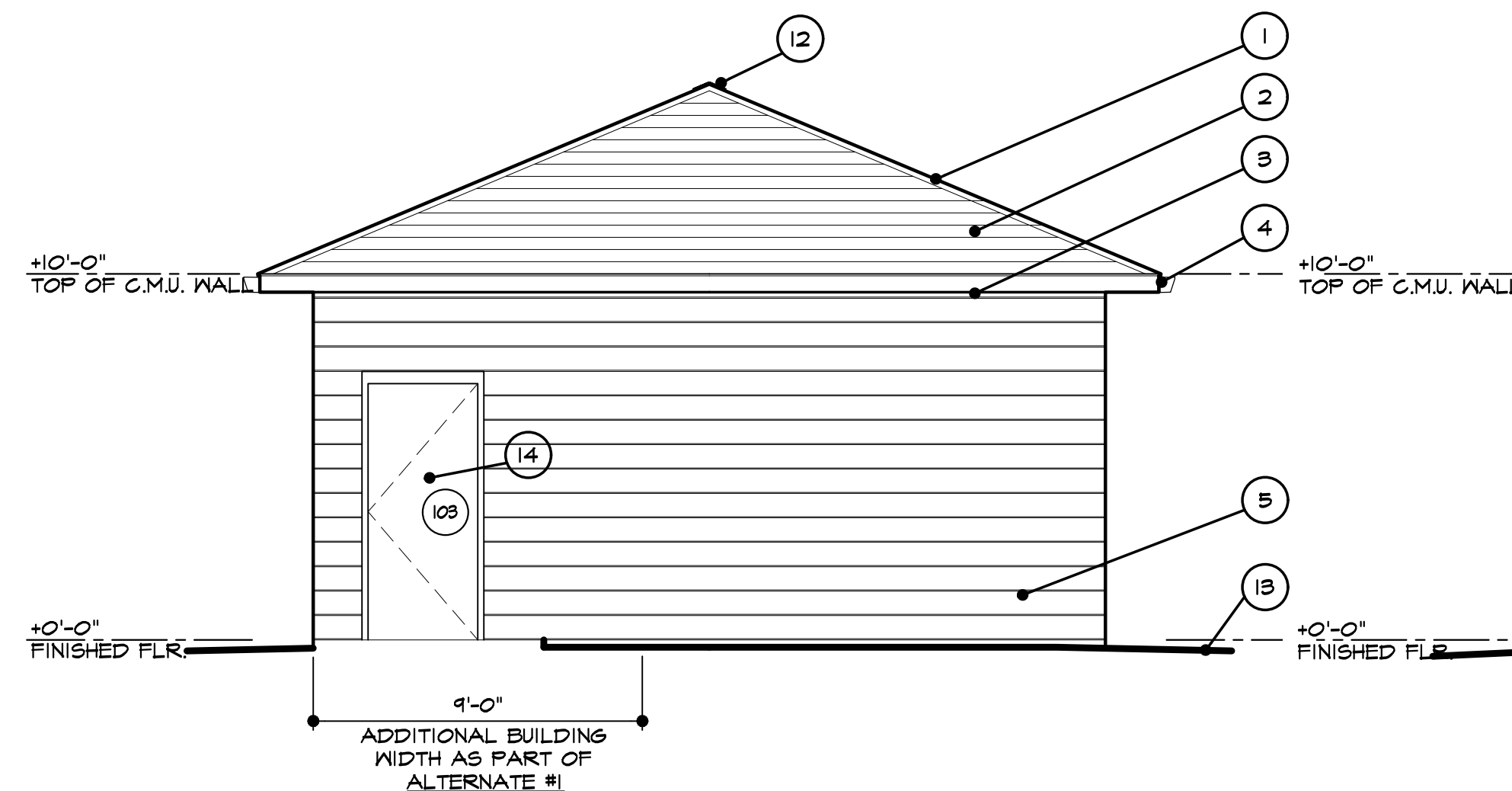


ALTERNATE #1
 ADDITIONAL BUILDING AREA AS NOTED ON THIS SHEET (A-300) SHALL BE CONSIDERED AND BID AS ADD ALTERNATE #1

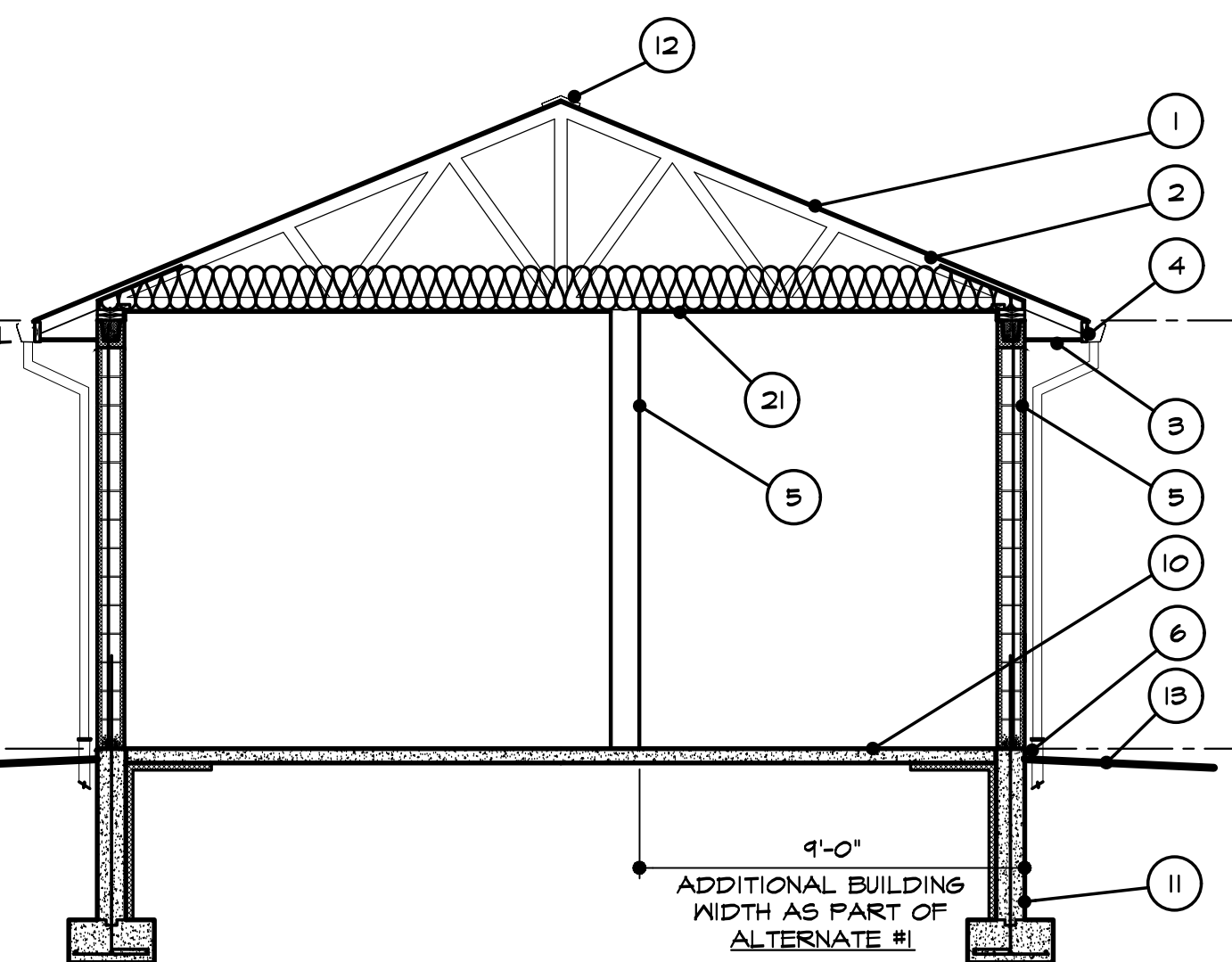
4 FLOOR PLAN
A300 SCALE: 1/4" = 1'-0"



3 EAST ELEVATION
A300 SCALE: 1/4" = 1'-0"

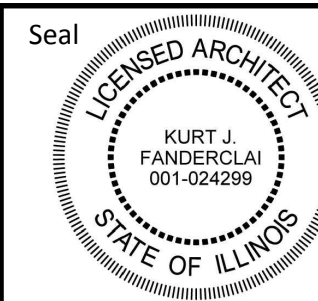
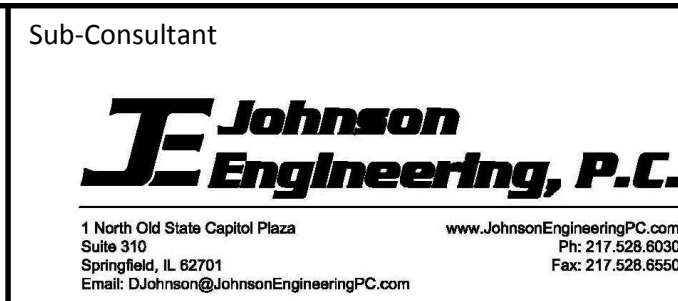
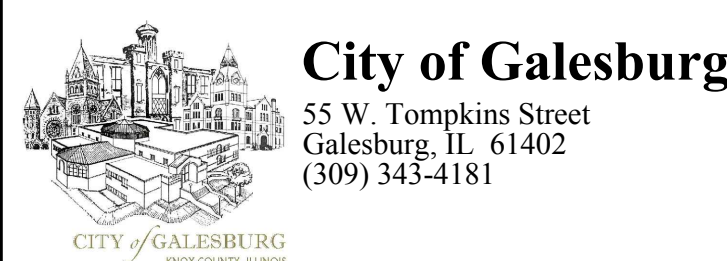


5 NORTH ELEVATION
A300 SCALE: 1/4" = 1'-0"



A-A BUILDING CROSS-SECTION
A300 SCALE: 1/4" = 1'-0"

ISSUED FOR BIDDING (10.22.2018)



DESIGNED	KLM
DRAWN	NFB
REVIEWED	KLM

DATE	NUMBER	ISSUE
10-22-18	01	ISSUED FOR BIDDING

PARK PLAZA AND PARKING LOT E

Restroom Building Plans - Alt. #1

A-300

GENERAL NOTES

- Do not scale dimensions for construction.
- All work is intended to comply with the Illinois Accessibility Code and the Americans With Disabilities Act (A.D.A.). The Contractor shall notify the Engineer before altering any dimensions.
- Contractor shall verify all dimensions and conditions on drawings and report any discrepancy to Structural Engineer before bid has been submitted and/or construction has commenced.
- Submit six copies of shop drawings for the review of the Engineer for the following items: Concrete Mix Design, Masonry Materials and Accessories.
- Reproduction of the Structural Documents by any photographic, xerographic, etc., process or technique for direct incorporation of the plans, details, notes, etc., herein contained into a shop drawing is strictly prohibited and shall be immediately rejected.
- Shop Drawings of the structural items shall be submitted before fabrication, for review by the Structural Engineer. Should it become evident that the shop drawings are being submitted with the appearance of not having been properly checked by the Detailer or Contractor, prior to submission, they will be returned by the Structural Engineer without review. The transmittal will indicate a "Non-Submittal".
- The building structure has been designed for the in-service loads only. The methods, procedures and sequences of construction are the sole responsibility of the Contractor. The Contractor shall take all necessary precautions to maintain and ensure the integrity of the building structure at all stages of construction.
- Contractor is responsible for adequacy of temporary shoring to resist lateral and vertical loads during construction.
- Unless specifically detailed in the drawings, no pipes or sleeves shall pass through structural members without approval of the Engineer.
- Contractor shall coordinate structural plans with all other Construction Documents and shall verify the size and location of openings, holes and sleeves through all structural elements with Mechanical, Electrical and Plumbing Contractors.
- Costs of additional design work necessitated by sequence or construction errors shall be paid by the Contractor.

DIVISION 1- GENERAL REQUIREMENTS

- This section not used.

DIVISION 2 - SITE WORK

- Before proceeding with the work, the Contractor shall familiarize himself with the scope of the foundation work, including soil and water conditions. The soil conditions indicated in the construction documents are for general information only. Actual site conditions may vary.
- All footing excavations shall be clean and free of debris, standing water and loose soil and shall be inspected by the Engineer prior to placement of concrete.
- In areas where structures derive some or all support from fill supported foundations and slabs on grade, fill shall be compacted to 98% standard proctor density according to ASTM D698.
- All fill material shall be approved for use in advance of placement by the Engineer. No fill shall be placed over frozen, muddy or other deleterious material. Lift thickness shall be minimized to allow efficient compaction. No fill may be placed over a previous lift that has not been adequately compacted and has not been accepted by the Engineer.
- Backfill against grade walls shall be placed evenly and compacted on all sides.
- All foundations shall be centered on wall and column centerlines unless otherwise indicated by an offset dimension shown in the construction documents.
- Piping running below foundation shall be placed prior to foundation operations and the hole filled with lean concrete.
- Design bearing capacity of soils: 1200 p.s.f. Contractor shall contract a Soils Engineer to verify that acceptable soils and soil bearing capacities exist within the building area. If poor soils conditions are encountered provide corrected procedures as formulated by Soils Engineer and as outlined in the soils report.

DIVISION 3 - CONCRETE

- All cast-in-place concrete shall have a minimum 28 day compressive strength of 3500 p.s.i. unless noted otherwise.
- All reinforcement bars shall conform to ASTM A615, Grade 60.
- All welded wire fabric shall conform to ASTM A185, flat stock only.
- All concrete work shall conform to ACI 318 "Building Code Requirements For Reinforced Concrete, latest edition." All reinforcing details not shown shall conform to ACI 315 "Detailing Manual", latest edition.
- Cold weather concrete work shall be done in accordance with ACI-306. Hot weather concrete work shall be done in accordance with ACI-305.
- Reinforcing bar lap splices shall be Class "B" splices per ACI 318 unless noted otherwise on the drawings.
- Mechanical splices may be used in lieu of lap splices. Mechanical splices shall develop in tension or compression, at least 125% of the specified yield strength of the reinforcement bars to be lapped. The Contractor shall submit to the Engineer manufacturers literature, product samples and certified test reports prior to receiving approval of the mechanical splices. Locations of the mechanical bar splices shall be as shown on the reinforcing steel shop drawings.
- Concrete protection for reinforcement shall be as follows unless noted otherwise:

A. Concrete cast against and permanently exposed to earth or water (excluding slabs poured on grade)	3".
B. Concrete cast to forms exposed to earth or weather:	
#6 Bar or larger	2"
#5 Bar and smaller	1-1/2".
C. Concrete cast to forms not exposed to earth or weather	
Slabs and Joists	
#14 and #18 Bars	1-1/2".
#11 Bars and Smaller	3/4".
Beams, Columns and Walls	
Primary reinforcement, ties, stirrups and spirals	1-1/2".
Shells and Folded Plate Members	1"
Slabs Poured on Grade	
From top surface	2"
Troweled surface (increase by 1/2" if surface is to be in permanent contact with ground or water)	1"
Screeded surface for topping	3/4".
- All reinforcement bars shall be clean and free of grease, scaling rust and other foreign materials.
- Reinforcement bar bending dimensions are out to out.
- All field bending of reinforcement shall be done cold. Do not heat reinforcement.
- All concrete subject to exterior exposure with specified strength 5,000 psi or less, shall be air entrained 6%, with a tolerance of +1.5%, as delivered

- For slabs on grade, use 1/2" thick premolded joint filler to isolate the slab from contact with the structures along its perimeter and apply sealant, 3/4" minimum depth.
- A lean concrete mud slab 3 to 4 inches thick shall be used in the footing excavation if the bottom of the excavation tends to become muddy and soft. The lean concrete mix shall have a minimum 28 day compressive strength of 2000 p.s.i.
- All exposed edges and equipment pads shall be chamfered 3/4". Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.
- No construction joints except those shown on the plans or approved shop drawings will be allowed except those submitted by the Contractor in writing and approved by the Engineer.
- Provide 2'-6" x 2'-6" corner bars at foundation wall corners at same size and spacing as horizontal reinforcement.
- Strip all topsoil from all slab on grade locations to a depth of 8". Backfill and compact subgrade up to 8" below finished floor slab using bank sand as additional fill material as required. Place sand in 8" lifts and compact to 98% standard proctor density.
- Install a 4" crushed stone (CA-7) sub-base directly below all slabs on grade.
- Install a 6 mil. Polyethylene vapor barrier below all building interior slabs on grade. Install 1/2" expansion joint filler with plastic zip cap around the perimeter of the slab on grade at foundation walls.
- Footings shall bear on compacted fill or acceptable virgin soil at a minimum depth of 3'-0" or at a depth below the frost line.
- Size and location of bases, supports and embedded anchorages for equipment shall be coordinated with equipment suppliers and shall be in accordance with approved shop drawings.
- Water shall not be added on site unless called out in the approved mix design.
- Concrete slabs on grade shall have construction or contraction joints at 12 foot each direction maximum unless noted otherwise. Cut slabs between 4 and 12 hours after casting slab. Isolate columns, walls and piers from slabs.
- The precast concrete manufacturer shall be responsible for the design and installation of all precast slabs, including reinforcing, inserts and connections to the structure not specifically called out in the construction documents. The design and installation of all panels shall be in accordance with ACI 318 and 301, latest edition, and the Recommendations of the Manual for the Design of Hollowcore Slabs, published by the Precast/Prestressed Institute. Submit design calculations prepared by a Structural Engineer licensed in the State of Illinois to the Structural Engineer for review.
- Fill slab keyways of precast slabs with grout having a minimum 28 day compressive strength (f_c) of 3,000 psi. Grouted keyways shall be capable of transmitting a minimum horizontal shear force of 600 pounds per lineal foot.
- The maximum allowable live load deflection of precast slabs shall be limited to L/360.
- Manufacture precast slabs with concrete having a minimum 28 day compressive strength (f_c) of 5,000 psi.

DIVISION 4 - MASONRY

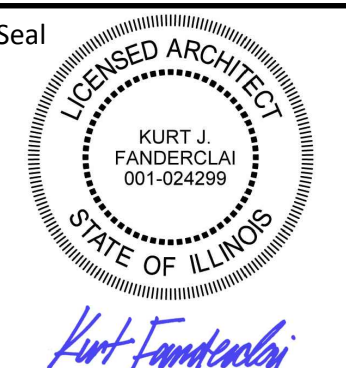
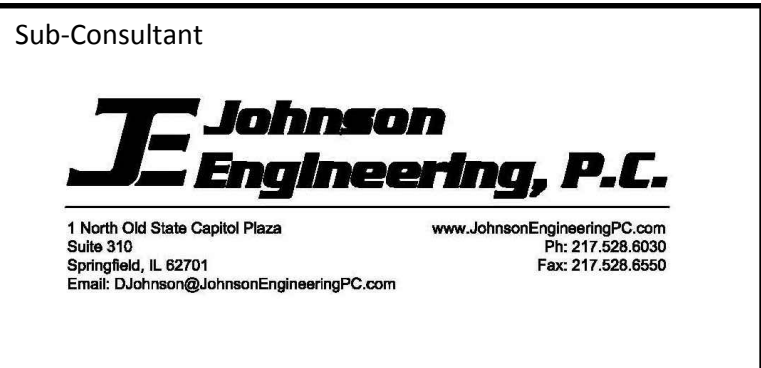
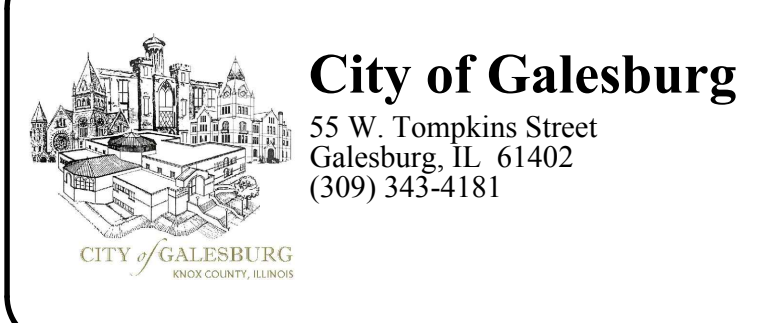
- Masonry construction shall comply with ACI 530, Building Code Requirements for Masonry Structures, latest version, and Specifications for Masonry Structures, ACI 530.1. See IBC 2012 for hot and cold weather procedures.
- All concrete masonry units shall be normal weight aggregate units conforming to ASTM C90, Grade N, Type 1. Provide square ends at all exposed corners. All block shall be free from cracked or chipped faces, F_m = 1500.
- C.M.U. shall be laid in a running bond pattern.
- Fill all c.m.u. cells solid floor to floor at jambs of openings.
- Grout all c.m.u. cells containing reinforcement in lifts not to exceed 5'-0". Do not displace the reinforcement while placing the grout.
- Prior to grouting the first 5'-0" lift of wall above the slab and prior to grouting the top lift of wall, the rebar placement shall be inspected and three (3) grout and mortar specimens shall be taken for each 500 square feet of masonry being erected. Test specimens and seven (7) and twenty-eight (28) days, hold the third specimen for further testing, if required.
- Mortar shall be tested by an approved testing laboratory in accordance with ASTM C-780. Two sets of three mortar cubes shall be taken at random for each day of masonry work. Test one cube of each set at 7 days and 28 days. Test the third cube at 56 days only if required by the Structural Engineer.
- Lap reinforcement bars 48 bar diameters unless noted otherwise.
- Mortar shall be Type S consisting of 1 part portland cement, 1/4 - 1/2 part hydrated lime, 4-1/2 parts sand and potable water as required.
- Grout for filling masonry wall cores shall have a minimum 28 day compressive strength of 2000 p.s.i. and consist of 1 part portland cement, 0 to 1/10 part hydrated lime, 2-1/4 to 3 parts sand and potable water as required.
- Reinforce exterior walls as called for on the drawings using ASTM A615, Grade 60 deformed bars.
- At control joint locations shown on the drawings, install sash block and wide flange PVC control joint with sealant at face joint.
- Cut masonry units only where required using power saw and use full size units wherever possible.
- Interior and exterior masonry joints shall be approximately 3/8" wide and tooled to a slightly concave shape.
- Clean all masonry walls using a detergent or chemical type cleaner.
- Reinforcing steel shall be lapped 40 bar diameters or 24", whichever is greater. Where spliced, bars shall be separated one bar diameter or wired together.
- Vertical bars shall be held in position at top and bottom and at intervals not exceeding 192 bar diameters.
- Vertical reinforcement steel shall have a clearance of 1/4" from masonry or adjacent bars, but not less than one bar diameter between bars.
- All reinforcement shown on drawings shall be grouted full length.
- All grout shall be puddled or vibrated into place.
- Cells containing reinforcement shall be solidly filled with grout and pours shall be stopped 1-1/2" below the top of a course to form a key at pour joints.
- All bolts, anchors, etc. Inserted in the masonry wall shall be solidly grouted in place.
- Grout all CMU cells full within a 12" radius when concrete anchors are built into cmu walls.
- Do not place conduit, chases or other embedded items in grouted cells without prior written approval from the Structural Engineer.
- Locate control joints in c.m.u. units a maximum spacing of 20 foot unless noted otherwise. Locate control joints in exterior masonry per Architectural Drawings.
- Continue reinforcement through control joints and wrap reinforcement bar with bond breaking tape 2'-0" each side of joint. Do not splice reinforcement bars within 4'-0" of joints.
- Lintels shall be placed above all openings and recesses in masonry construction. Back to back steel angles shall be welded together with 2" weld at 12" centers. Lintels shall bear a minimum of 8" each end on fully grouted cell.
- Grout all c.m.u. cells solid under lintel bearing, beams and bearing plates.
- Quality Assurance and inspection of work, as defined by ACI 530.1/ASCE 6 and/or the project specifications, are required.

DIVISION 5 - METALS

- This structure has been designed and shall be fabricated and erected in accordance with the latest A.I.S.C. Code of Standard Practice for Steel Buildings and Bridges.
- All structural and miscellaneous steel shall conform to ASTM A36.
- All steel joists shall be in accordance with the Steel Joist Institute Standard Specifications With Rigid Bracing and shall be erected in accordance with the recommendations of the Steel Joist Institute.
- Unless noted otherwise, all welds shall be done by the Electric Arc Method using E70XX electrodes and shall conform to AWS Structural Welding Code D1.1. Shielded arc welding process shall use low hydrogen electrodes.
- All anchor bolts shall conform to ASTM A 307 (A325), galvanized unless noted otherwise. Anchor bolts shall be placed within the following tolerances:

Top of anchor bolt elevation	+1" to -3/8"
Out of position anchor bolts	+/- 1/8"
- All anchor bolts, nuts, washers, etc. shall be galvanized steel unless noted otherwise and shall be in accordance with ASTM A153.
- All detailing, fabrication and erection of structural steel shall conform to AISC Specifications For Structural Steel Buildings.
- Openings required in structural steel members shall be shown on the shop drawings. Field cutting of holes in structural steel members shall not be allowed without the written permission of the Engineer.
- Contractor shall field verify existing conditions and dimensions prior to structural steel fabrication.
- This structure is designed as a stable unit after all component parts are in place. The Erector shall provide all necessary shoring and bracing as required to insure stability during erection and construction.
- Whenever construction scheduling requires the erection of structural members which by themselves would be considered laterally unstable, adequate temporary bracing shall be provided.
- Structural steel that is not to be galvanized shall receive one coat of rust inhibitive shop primer compatible with finish paint system. All field connections and damaged portions of shop primer shall be spot painted unless encased in concrete.
- All welding shall be performed by welders with experience in that type of weld and are certified for that work. Welds shall be performed in accordance with the Structural Welding Code by the American Welding Society, latest edition.
- The surface of the existing beams to be welded shall be cleaned to the bare metal prior to welding.
- All headed studs shall conform to ASTM A108.
- All structural steel to be properly guyed and braced until roof system is in place.
- All structural steel members exposed to weather shall be galvanized.
- Design, fabricate, deliver and erect open web steel joists, joist girders, and accessories according to the specifications recommended by the Steel Joist Institute (SJI).
- Provide cold formed metal framing, including trusses, studs, joist, track, runners, lintels, clip angles, reinforcements, shoes, blocking and bridging, complete with all fasteners and accessories needed for a complete and finished installation.
- Cold-formed metal framing shall be designed in accordance with American Iron and Steel publication "Specifications for Design of Cold-Formed Steel Structural Members", latest edition.
- All cold-formed structural members shall be formed from corrosion resistant steel, corresponding to the requirements of ASTM A446, Grade C, with a minimum yield strength of 40 ksi for studs and joists, and Grade A, 33ksi, for runners. All structural members shall be zinc coated meeting ASTM A525, G-60, or equivalent.

ISSUED FOR BIDDING (10.22.2018)

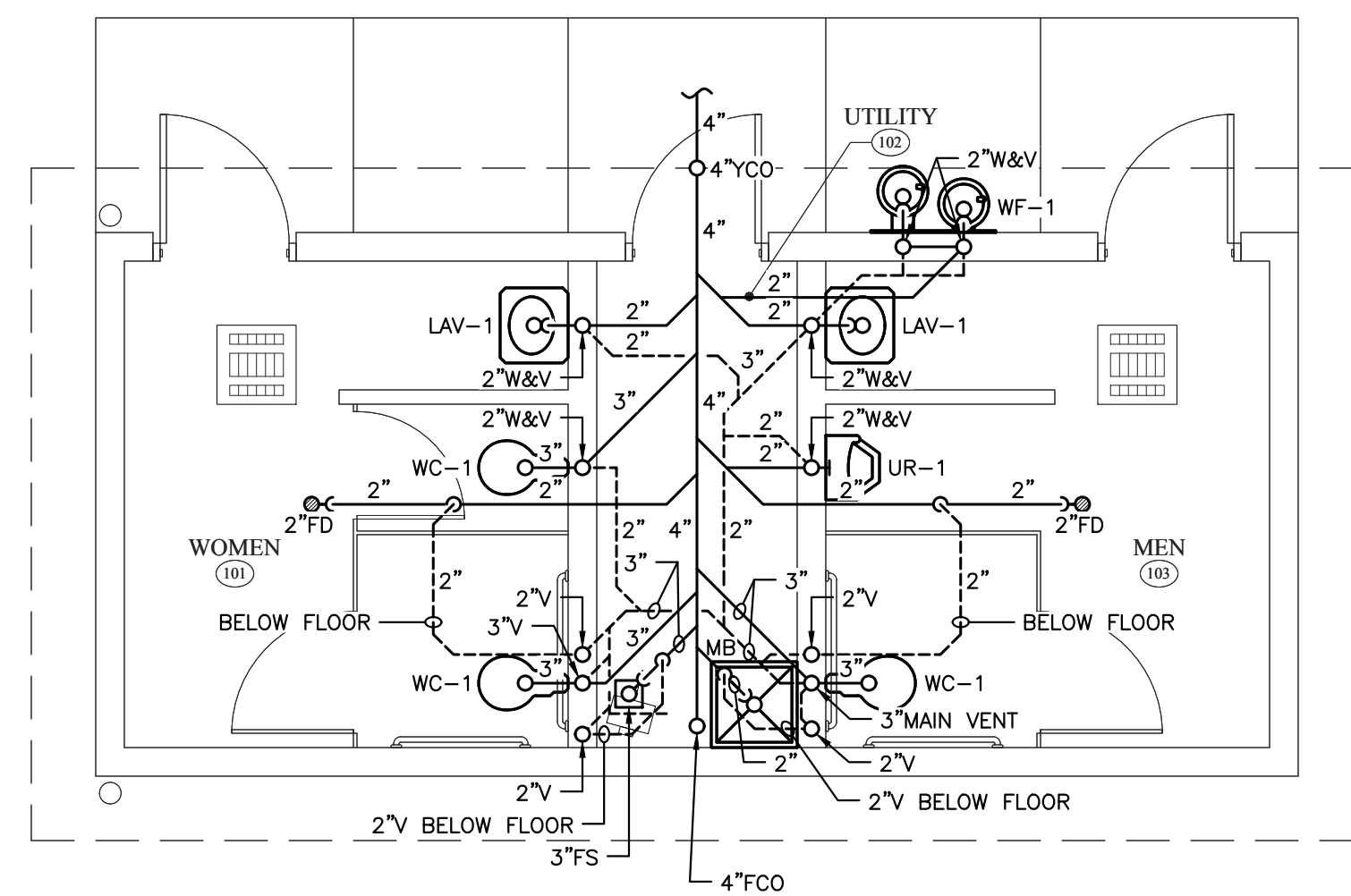


	NUMBER	DATE	ISSUE
Date:		10-22-18	
Contract No:	PPPLE-2017	01	10/22/2018 ISSUED FOR BIDDING
DESIGNED	KLM		
DRAWN	NFB		
REVIEWED	KLM		

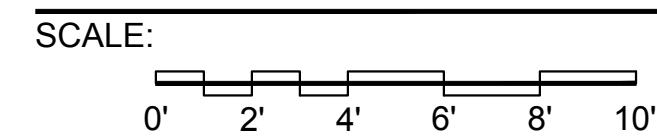
PARK PLAZA AND PARKING LOT E

Restroom Building General Notes

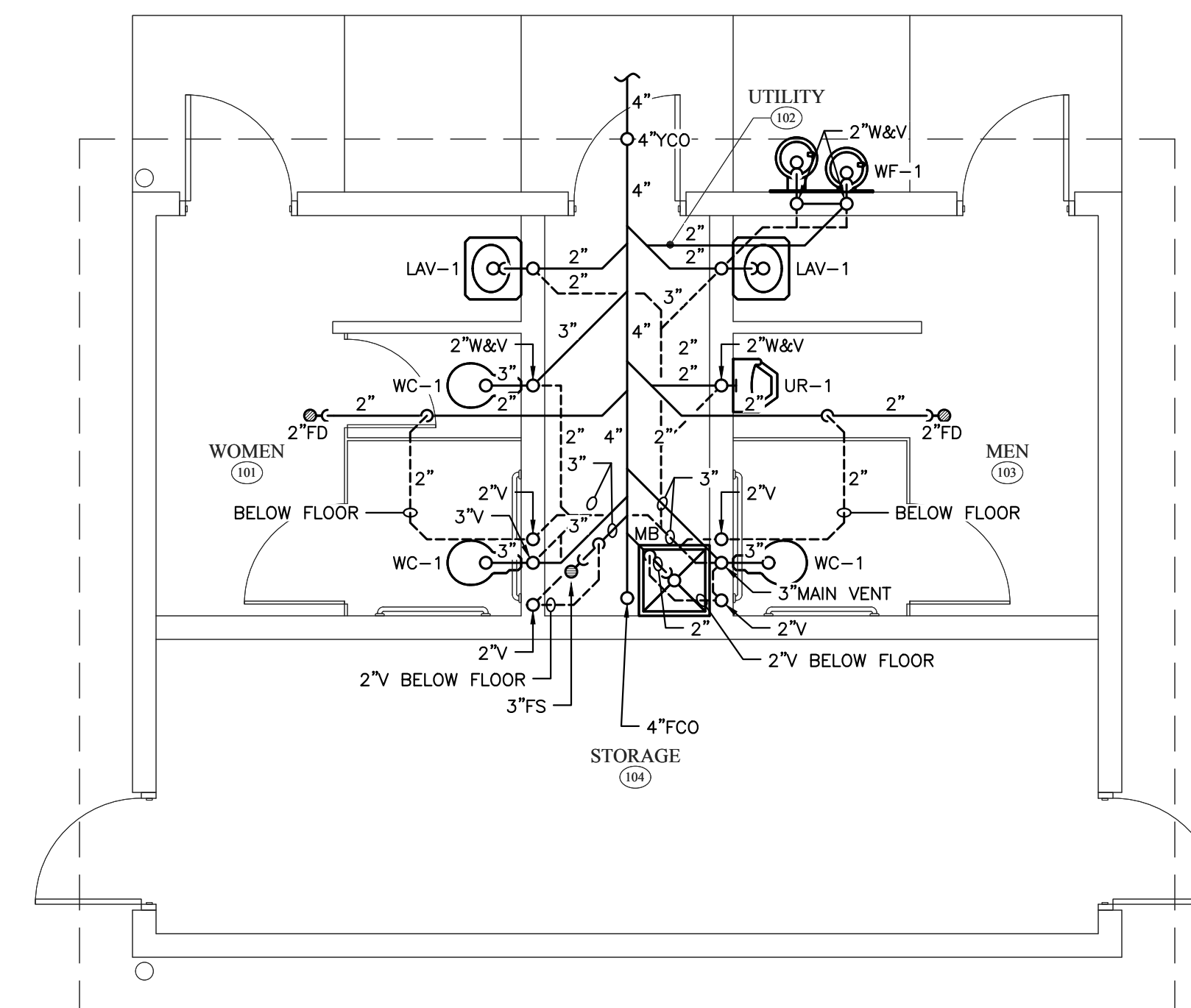
A-400



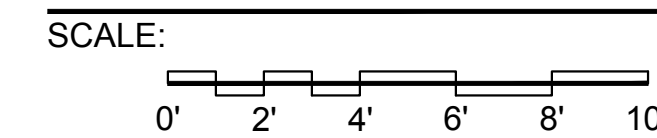
FLOOR PLAN BASE BID - PLBG. WASTE & VENT PIPING



1/4" = 1'-0"

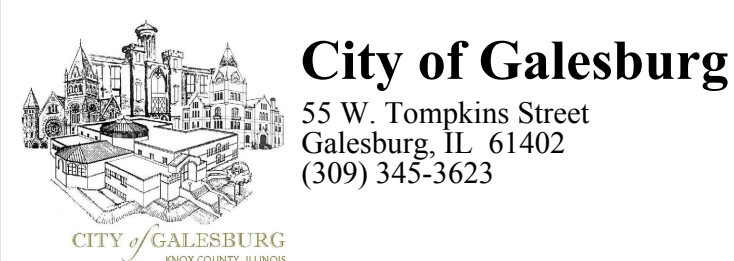


FLOOR PLAN ALT. BID - PLBG. WASTE & VENT PIPING



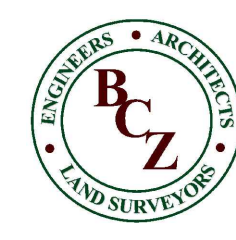
1/4" = 1'-0"

ISSUED FOR BIDDING (10.22.2018)



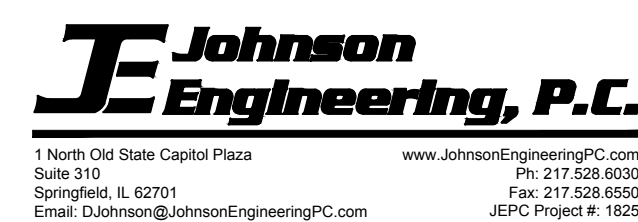
MMA

Massie Massie + Associates
1210 South 5th Street
Springfield, IL 62703
(217) 544-3210

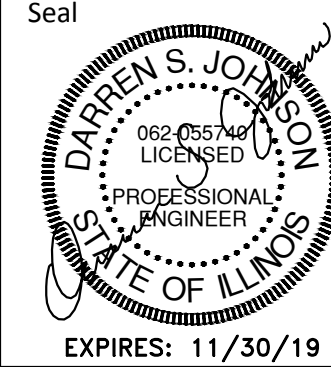


Bruner, Cooper, & Zuck, Inc.
188 E. Simmons Street
Galesburg, IL 61401
(309) 343-9282

Sub-Consultant



Seal



DESIGNED	DSJ
DRAWN	HRH
REVIEWED	DSJ

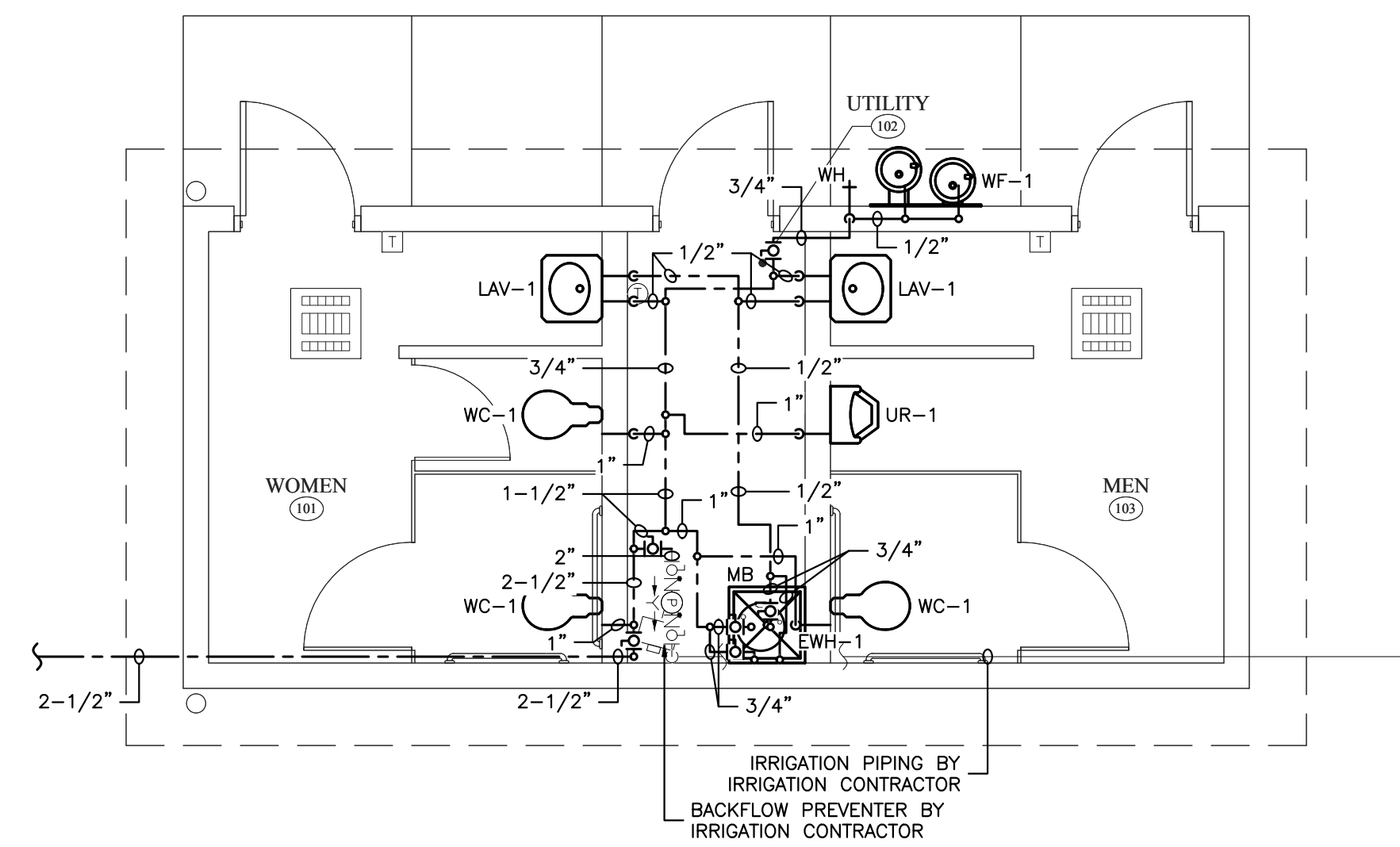
NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

PARK PLAZA AND PARKING LOT E
PARK RESTROOM PLANS - PLUMBING WASTE & VENT PIPING

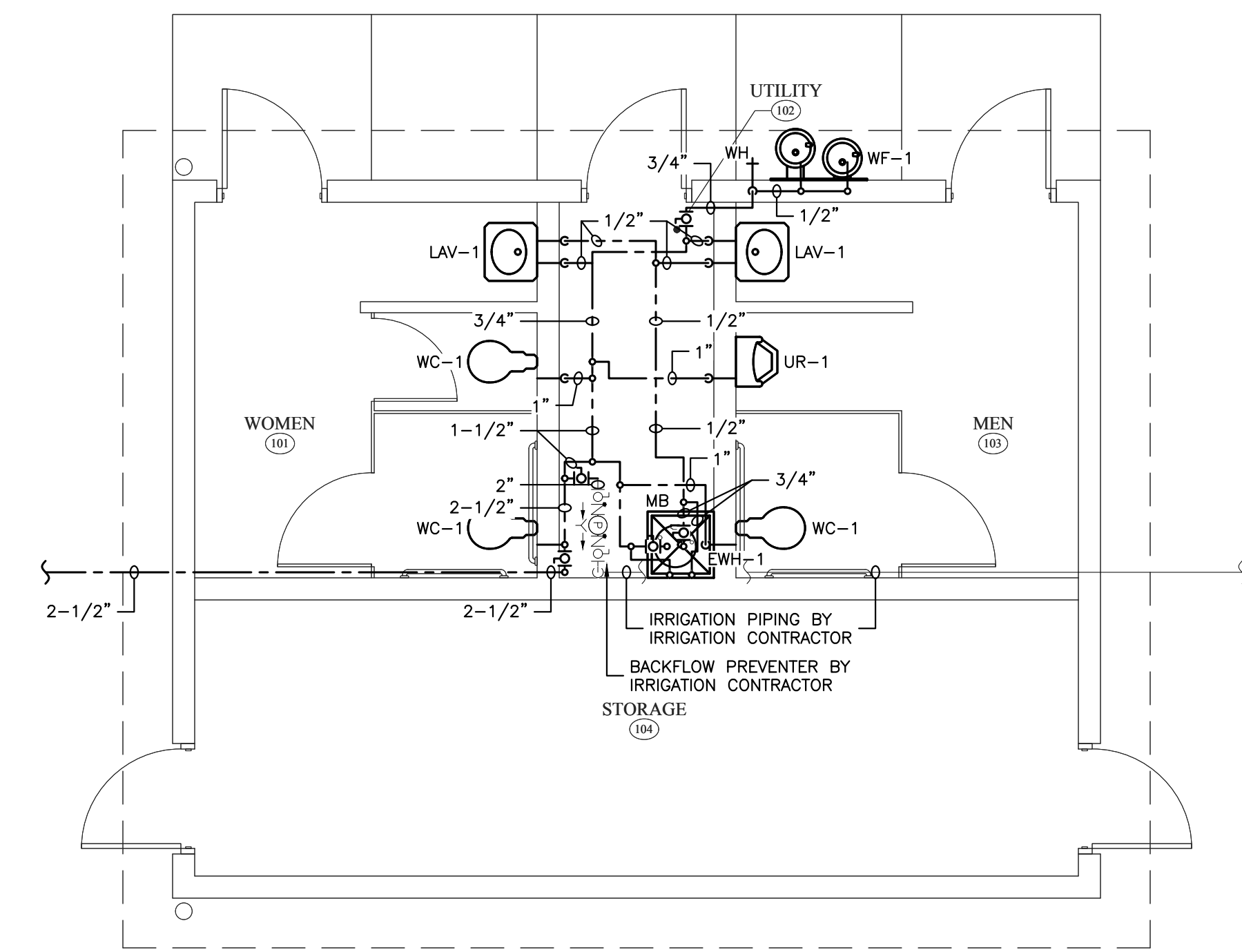
P-200

GENERAL NOTES:

- SEE DETAILS 1, 2, 3 AND 4 SHEET P-300 FOR WATER PIPING CLARIFICATIONS. SEE ELECTRICAL ELEVATIONS ON SHEET E-201 DETAIL 1 FOR REFERENCE TO COORDINATE WITH PANEL AND EQUIPMENT.

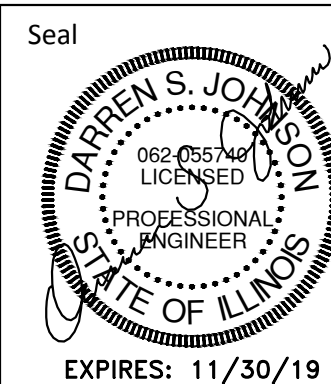
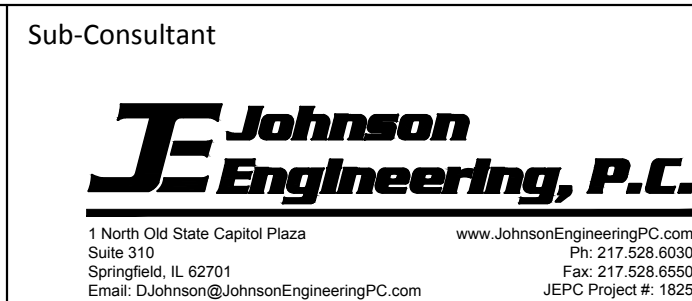
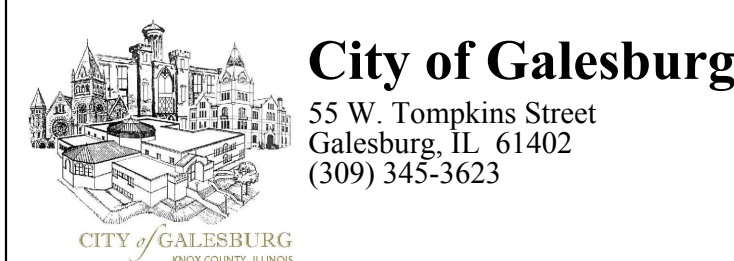


FLOOR PLAN BASE BID - PLBG. WATER PIPING
 SCALE: 1/4" = 1'-0"
 0' 2' 4' 6' 8' 10'



FLOOR PLAN ALT. BID - PLBG. WATER PIPING
 SCALE: 1/4" = 1'-0"
 0' 2' 4' 6' 8' 10'

ISSUED FOR BIDDING (10.22.2018)

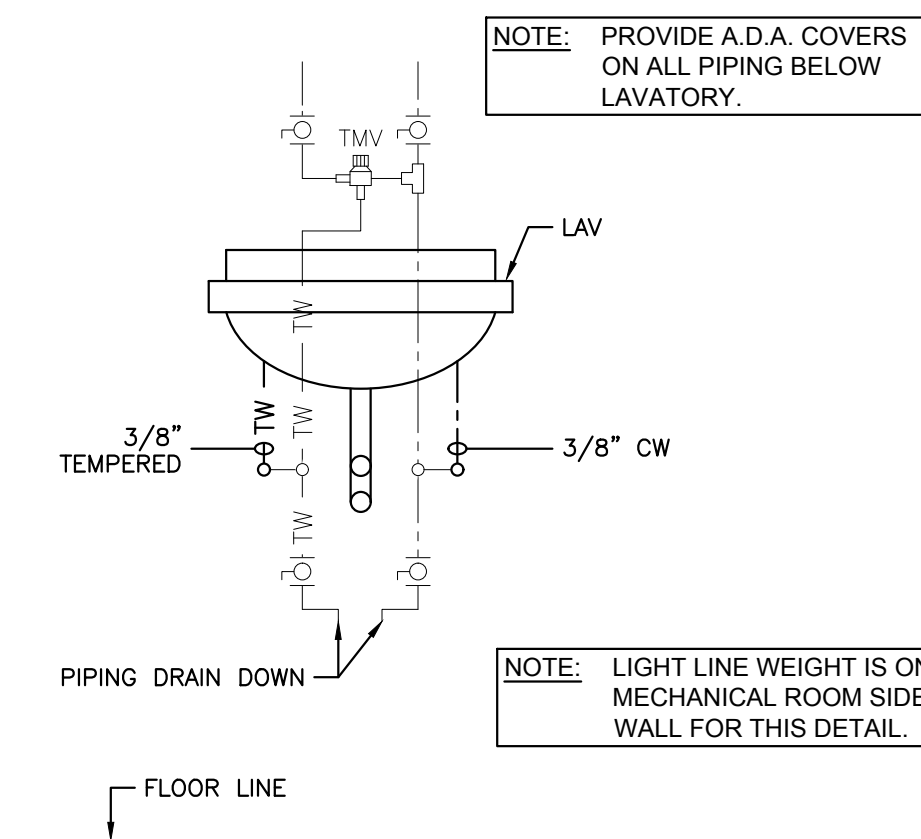


DESIGNED	DSJ
DRAWN	HRH
REVIEWED	DSJ

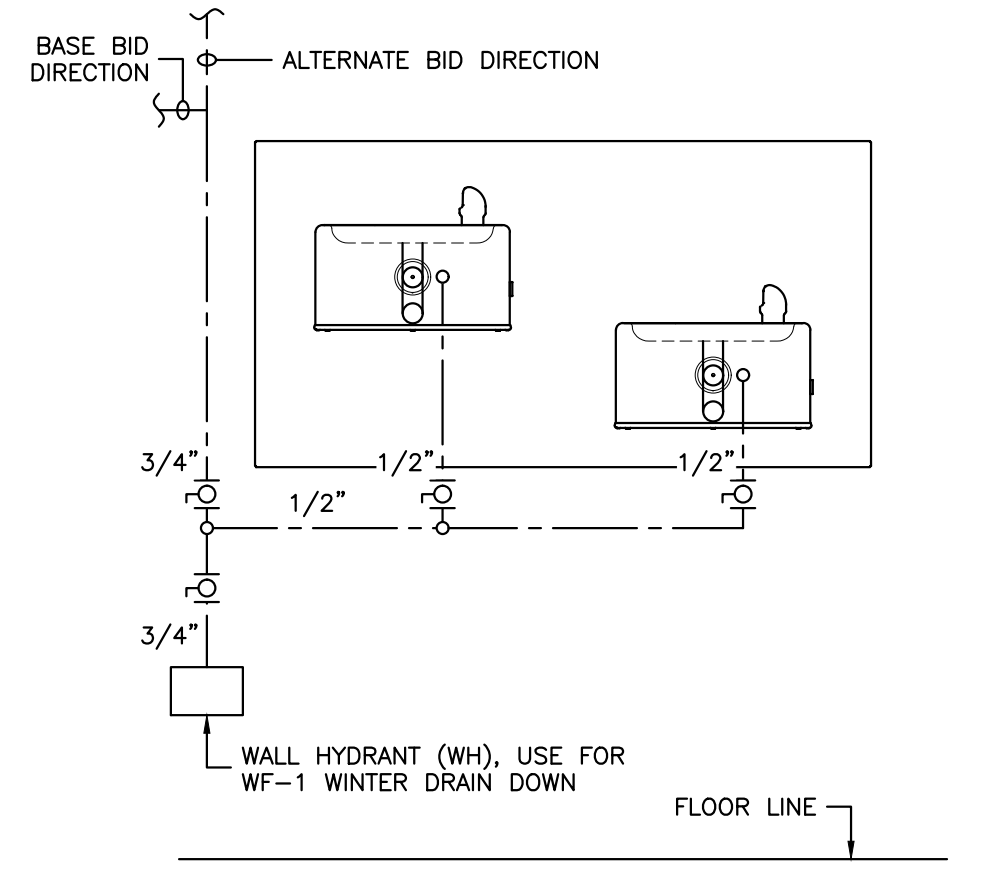
NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

PARK PLAZA AND PARKING LOT E
 PARK RESTROOM PLANS - PLUMBING WATER PIPING

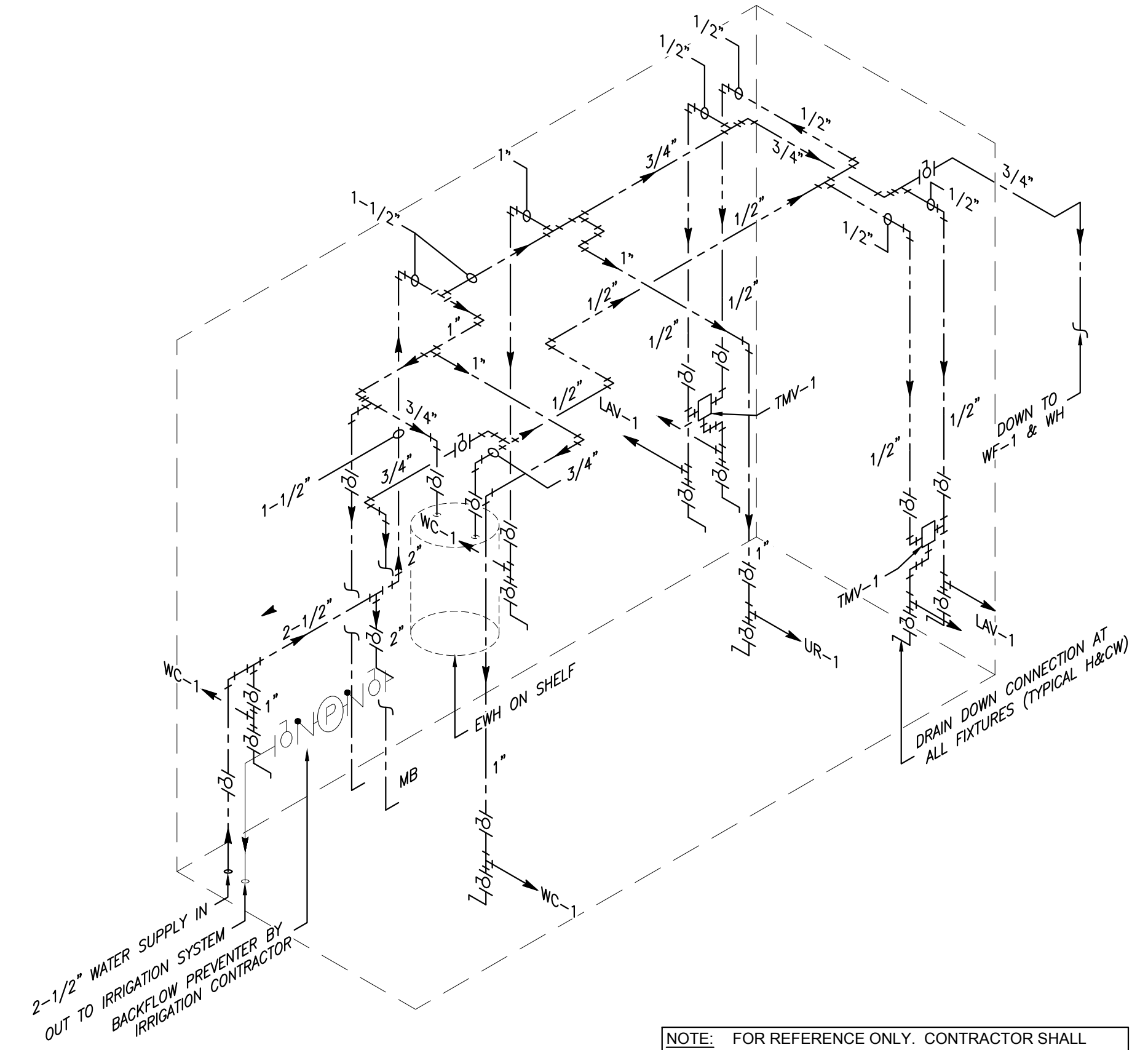
P-201



1 WALL MOUNTED LAV-1 & TMV-1 WATER SUPPLY PIPING DETAIL
SCALE: NTS

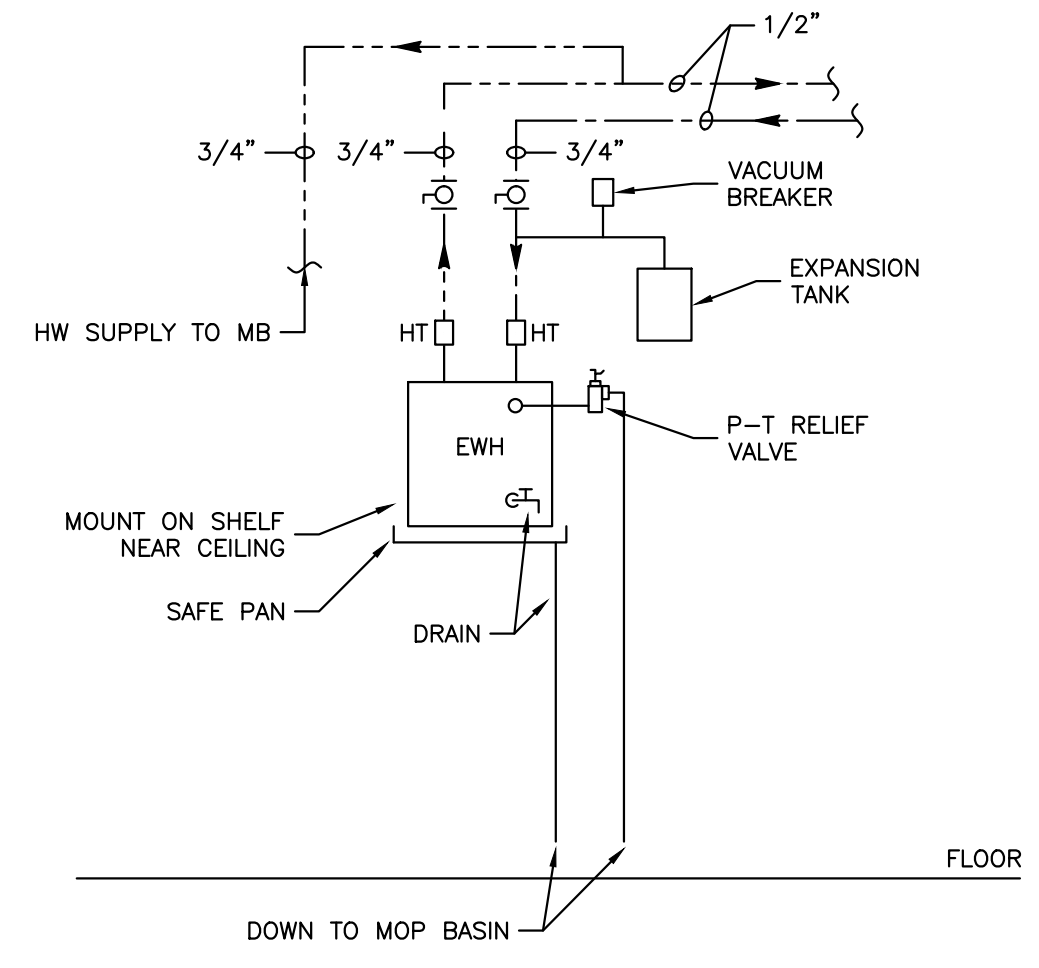


2 WATER FOUNTAIN WATER SUPPLY PIPING DETAIL
SCALE: NTS



3 WATER SUPPLY PIPING ISOMETRIC DETAIL
SCALE: NTS

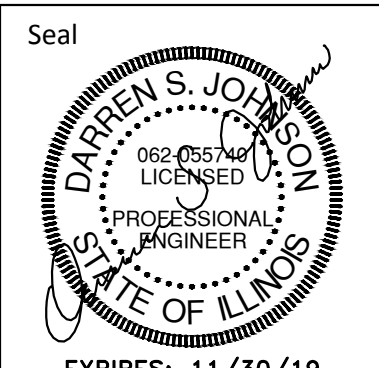
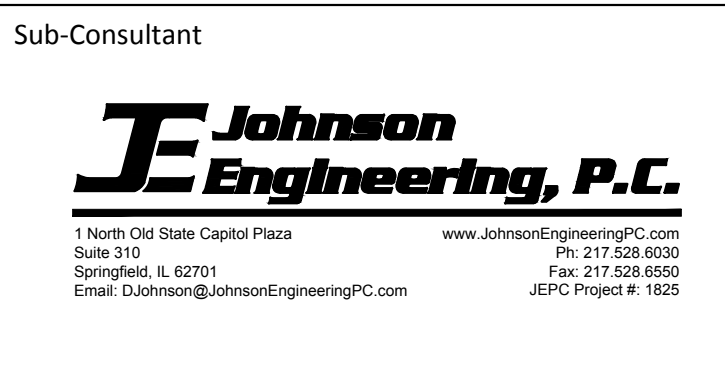
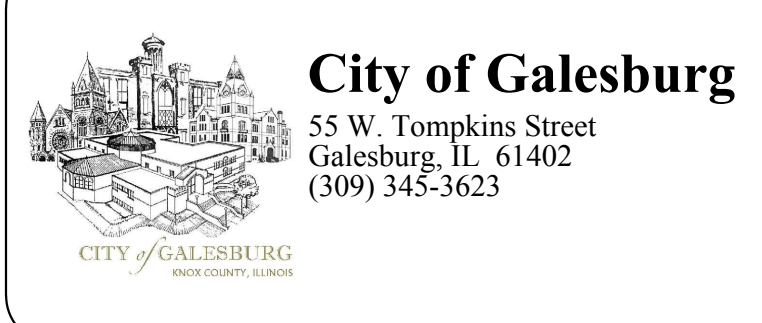
PLUMBING LEGEND	
---	COLD WATER PIPING
---	HOT WATER PIPING
---	HOT WATER RECIRCULATING PIPING
---	SOIL, WASTE, OR SANITARY SEWER
---	VENT PIPING
PD	PUMP DISCHARGE LINE
TW	TEMPERED WATER
G	GAS PIPING
/	BALL VALVE
/	CHECK VALVE
/	BACKFLOW PREVENTER
HB + WH	HOSE BIBB OR WALL HYDRANT
CO	CAP ON END OF PIPE
FCO	FLOOR CLEANOUT
WCO	WALL CLEANOUT
YCO	YARD CLEANOUT/CLEANOUT TO GRADE
→	FLOW-IN DIRECTION OF ARROW
CC	P-TRAP
FD	FLOOR DRAIN WITH P-TRAP



4 SHELF MOUNTED ELECTRIC WATER HEATER DETAIL
SCALE: NTS

PLUMBING FIXTURE SCHEDULE				
SYMBOL	ITEM	MANUFACTURER	CATALOG NO.	REMARKS
WC-1	FLOOR MOUNTED WATER CLOSET (RIM AT A.D.A. HEIGHT)	AMERICAN STANDARD	3461.001	1.6GPF, TOP SPUD, A.D.A. RIM HEIGHT
	SEAT	BEMIS	2155SSCT	ANTI-MICROBIAL PROTECTION, SELF-SUSTAINING CHECK HINGES WITH STAINLESS STEEL POSTS
	FLUSH VALVE	SLOAN	REGAL 111-1.6	1.6GPF
UR-1	WALL HUNG URINAL (RIM MOUNTED AT A.D.A. HEIGHT)	AMERICAN STANDARD	6590.001EC	0.5GPF, TOP SPUD
	FLUSH VALVE	SLOAN	REGAL 186-0.5	0.5GPF
	CARRIER (COORDINATE LOCATION WITH OTHER TRADES AND A.D.A. REQUIREMENTS)	WADE	402	WITH UPPER AND LOWER PLATE SUPPORT
LAV-1	WALL HUNG LAVATORY (MOUNT AT A.D.A. HEIGHT)	AMERICAN STANDARD	0355.012	WITH GRID STRAINER AND CHROME-PLATED OFFSET TAILPIECE, SEMI-CAST CHROME PLATED P-TRAP, A.D.A. COVERS
	FAUCET	DETLA COMMERCIAL	86T1053	0.5GPM, DECK MOUNT, TWO HANDLE SELF-CLOSING, 4" CENTRESET, VANDAL RESISTANT, CHROME-PLATED COPPER SUPPLIES, CHROME-PLATED ANGLED KEYED STOPS, A.D.A. COMPLIANT, ADJUST FAUCET OPERATION PER MANUFACTURERS RECOMMENDATIONS
	CARRIER (COORDINATE LOCATION WITH OTHER TRADES AND A.D.A. REQUIREMENTS)	WADE	520-M4	MOUNT CARRIER ON UTILITY ROOM SIDE OF WALL AND PROVIDE WITH EXTENDED WALL NIPPLES AS REQUIRED FOR CONCEALED ARMS
	THERMOSTATIC MIXING VALVE	LEONARD	170LF-BP-BRKT	WITH CHROME-PLATED COPPER SUPPLIES, BYPASS, MOUNTING BRACKET, ADJUST TEMPERATURE TO MEET A.D.A. REQUIREMENTS
MB	MOP BASIN	FIAT	MSB2424	WITH #832-AA HOSE AND BRACKET, STAINLESS STEEL WALL GUARDS ON TWO WALLS
	FAUCET	T&S	B-0662	WITH WALL BRACKET ASSEMBLY
WF-1	WATER FOUNTAIN	HALSEY TAYLOR	HDFB-BLEBP	MOUNT LOW SIDE AT A.D.A. HEIGHT
	CARRIER	WADE	462-M4	(PROVIDE ONE FOR EACH SIDE OF HI/LOW UNIT) WITH VANDAL PROOF FINISH HARDWARE
WH	WALL HYDRANT	WOODFORD	B65	FREEZELESS AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKERS
EWH	ELECTRIC WATER HEATER	STATE	PCE-6-10MSA	60AL. STORAGE, 1.5KW, 120V-1Ø, 6 GPH REC. @ 100° TEMP. RISE, WITH TERMINAL BLOCK, EXPANSION TANK AND VACUUM BREAKER
FD	FLOOR DRAIN	WADE	1100-A-2-VP	SIZE ON PLANS, WITH DEEP-SEAL P-TRAP, SATIN FINISH BRONZE TOP, VANDAL-PROOF
FS	FLOOR SINK	WADE	9110-64-16-110	SIZE ON PLANS, WITH DEEP-SEAL P-TRAP, CAST-IRON 3/4 GRATE, SEDIMENT BUCKET
FCO	FLOOR CLEAN-OUT	WADE	6000-2-VP	SIZE ON PLANS, SATIN FINISH BRONZE TOP, VANDAL-PROOF COVER
YCO	YARD CLEAN-OUT	WADE	6000-12-VP	SIZE ON PLANS, VANDAL-PROOF COVER

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PARK PLAZA AND PARKING LOT E

LEGEND, SCHEDULES AND DETAILS

P-300

EXHAUST FAN SCHEDULE			
MARK		EF-1 (QTY. 2)	EF-2
SERVICE		RESTROOM EXHAUST	UTILITY EXHAUST
LOCATION		WOMEN 101 & MEN 102	UTILITY 102
MANUFACTURER		GREENHECK	GREENHECK
MODEL NO.		SP-A200	SP-A110
FAN TYPE		CENTRIFUGAL	CENTRIFUGAL
CFM		200	100
TOTAL S.P. (IN.W.G.)		0.25	0.25
MOTOR	FLA	0.43	0.58
	RPM	900	950
	VOLT	120	120
	PH	1	1
	BHP	-	-
	DRIVE	DIRECT	DIRECT
ACCESSORIES		1,2,3,4	1,2,4
REMARKS		1	1
ACCESSORIES:		REMARKS:	
1. BACKDRAFT DAMPER		1. PROVIDE LOCKING COVERS OR	
2. REVERSE ACTING WALL MTD. THERMOSTAT/HUMIDISTAT		HEAVY-DUTY TAMPER PROOF SENSORS FOR ALL FAN CONTROLS.	
3. WALL MTD. MOTION SENSOR			
4. ROOF JACK RJ-6x9 (OR EQUAL)			

MECHANICAL LEGEND	
⊙	WALL MOUNTED, REVERSE ACTING THERMOSTAT (ADJUSTABLE)
⊕	HUMIDISTAT (ADJUSTABLE)
⊞	WALL MOUNTED, REVERSE ACTING THERMOSTAT (ADJUSTABLE) WITH PROTECTIVE LOCKABLE COVER
⊠	WALL MOUNTED HUMIDISTAT (ADJUSTABLE) WITH PROTECTIVE LOCKABLE COVER
⊞	WALL MOUNTED MOTION SENSOR FOR EXHAUST FAN
▼	DOOR LOUVER (BY OTHERS)

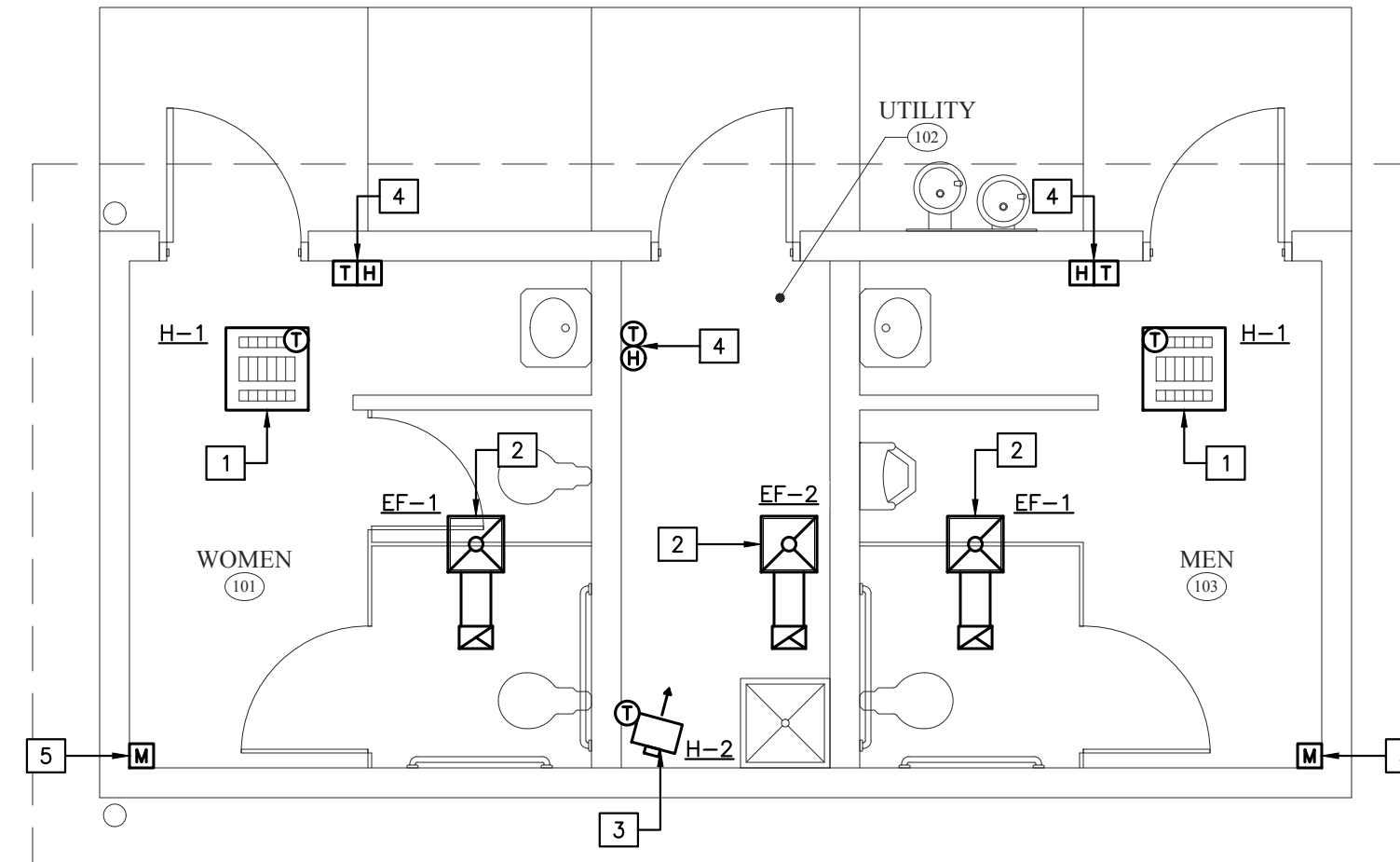
GENERAL NOTES:

- MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LOW VOLTAGE CABLING, CONDUIT, CONTROL DEVICES AND MOUNTING BOXES NECESSARY TO PROVIDE COMPLETE OPERATING SYSTEMS INDICATED ON THE DRAWINGS.
- MECHANICAL CONTRACTOR SHALL COORDINATE FINAL EQUIPMENT AND DUCT LOCATIONS WITH JOISTS FOR FINAL INSTALLATION AND ROUTING. LOCATIONS MAY VARY SLIGHTLY TO AVOID CONFLICTS. MAIN TRUSS SYSTEM AT 2'-0" O.C. SEE ARCHITECTURAL DRAWINGS.
- DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- ALL DUCTWORK ABOVE CEILINGS/IN ATTIC SHALL BE RIGID SHEET METAL. NO FLEX DUCTWORK ALLOWED.
- RESTROOM AND UTILITY ROOM DOORS (BY OTHERS) TO BE PROVIDED WITH A DOOR GRILLE FOR VENTILATION AIR THROUGH EXHAUST FANS. SEE ARCHITECTURAL PLANS FOR DOOR SCHEDULES.

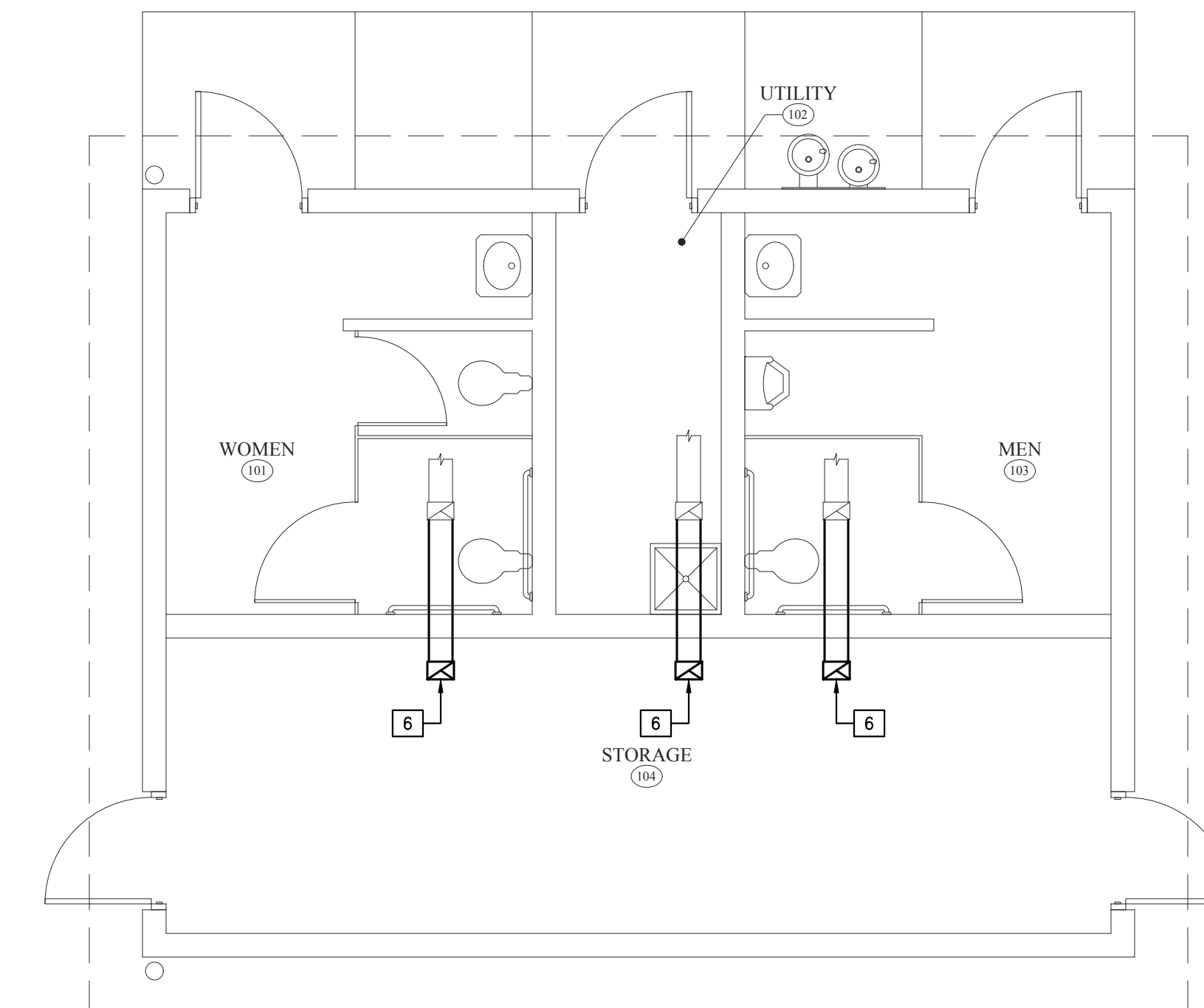
KEYED NOTES:

- RECESSED ELECTRIC HEATER WITH INTEGRAL THERMOSTAT AT CEILING. COORDINATE FINAL LOCATION SUCH THAT UNIT IS CENTERED BETWEEN JOISTS. PROVIDE ADDITIONAL FRAMING AS REQUIRED FOR MOUNTING. INSTALL PER MANUFACTURER RECOMMENDED CLEARANCES.
- RECESSED EXHAUST FAN WITH SURFACE MOUNTED GRILLE. COORDINATE FINAL LOCATION SUCH THAT UNIT IS CENTERED BETWEEN JOISTS. INCLUDE 8"x8" EXHAUST DUCT UP TO ROOF JACK. INSTALL ROOF JACK APPROXIMATELY 30" BELOW (EAST OF) ROOF RIDGE LINE. COORDINATE FINAL INSTALLATION AND REQUIRED FLASHING WITH ROOF INSTALLATION.
- VERTICAL, SUSPENDED ELECTRIC HEATER WITH INTEGRAL THERMOSTAT AND BRACKET FOR WALL OR CEILING MOUNTING. COORDINATE FINAL MOUNTING LOCATION WITH EQUIPMENT IN UTILITY ROOM. MOUNT APPROXIMATELY 8'-0" ABOVE FINISHED FLOOR.
- WALL MOUNTED REVERSE-ACTING THERMOSTAT AND HUMIDISTAT FOR EXHAUST FAN OPERATION.
- WALL MOUNTED MOTION SENSOR FOR EXHAUST FAN OPERATION.
- EXTEND 8"x8" EXHAUST DUCT APPROXIMATELY 4'-0" (AND AS REQUIRED) UNDER ALTERNATE BID #1 TO INSTALL ROOF JACK APPROXIMATELY 30" BELOW (EAST OF) ALTERNATE BID #1 ROOF RIDGE LINE. COORDINATE FINAL INSTALLATION AND REQUIRED FLASHING WITH ROOF INSTALLATION.

ELECTRIC UNIT HEATER SCHEDULE										
MARK	MFR.	MODEL NO.	LOCATION	CFM	KW	# OF STAGES	V/ø	AMPS	ACCESSORIES	REMARKS
H-1 (QTY. 2)	Q-MARK	CDF 500 SERIES	WOMEN 101 MEN 103	300	4	-	208/1	19.2	1,2,3,4,5	1,2
H-2	Q-MARK	MWUH5004	UTILITY 102	270	2.5	-	208/1	12.0	4,5,6	1,2,3
ACCESSORIES:			REMARKS:							
1. RECESSED MOUNTING ENCLOSURE (CDF-RE)			1. EQUAL BY BERKO, MARKEL, INDEECO.							
2. TRIM KIT FOR RECESSED MOUNTING (CDF-TK)			2. COLOR SELECTION BY ARCHITECT.							
3. TAMPER RESISTANT FRONT COVER			3. MOUNT APPROXIMATELY 8'-0" ABOVE FINISHED FLOOR.							
4. INTEGRAL DISCONNECT										
5. INTEGRAL THERMOSTAT										
6. CEILING/WALL BRACKET										

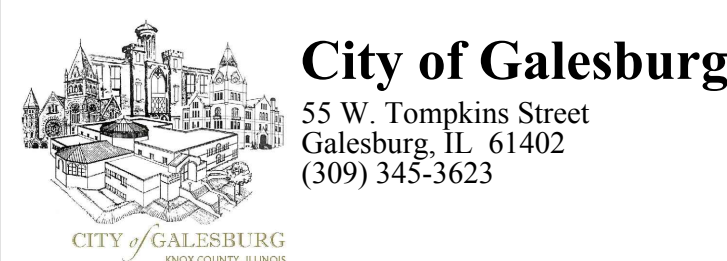


FLOOR PLAN BASE BID - MECHANICAL
SCALE: 1/4" = 1'-0"



FLOOR PLAN ALT. BID - MECHANICAL
SCALE: 1/4" = 1'-0"

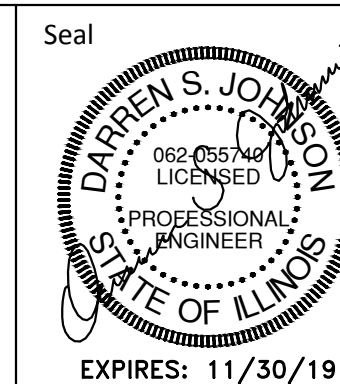
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JEPC Project #: 1828



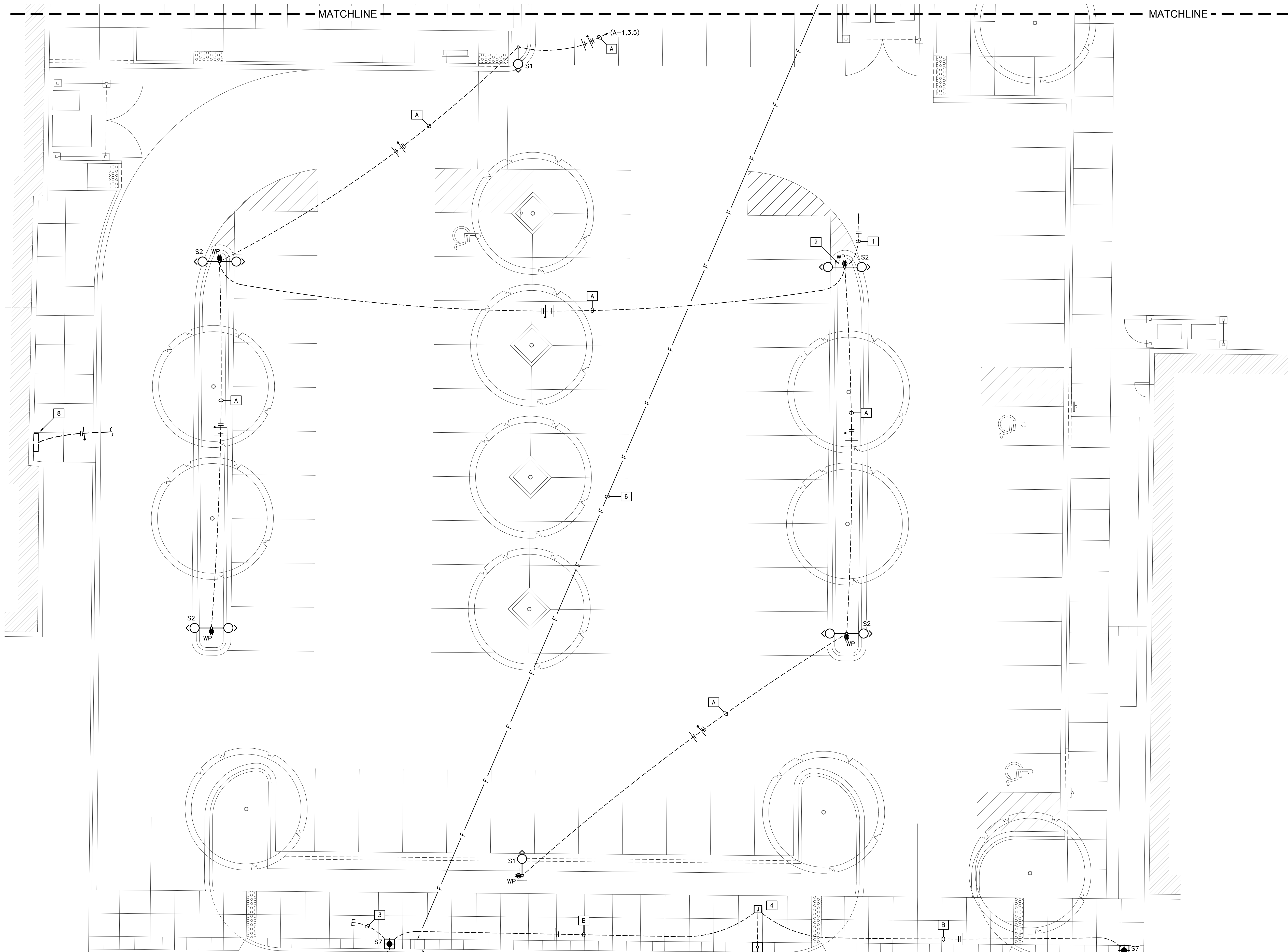
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PARK PLAZA AND PARKING LOT E

PARK RESTROOM PLANS - MECHANICAL

M-200



- KEYED NOTES:**
- 1 (2) CAT 6 (4 PR #22 AWG) UNDERGROUND RATED DATA CABLES IN 1" SCH 40 PVC TO I.T. DATA SHELF IN UTILITY ROOM OF RESTROOM BUILDING. PROVIDE 5 FT. COIL AT SHELF FOR TERMINATION/USE BY OTHERS.
 - 2 PROVIDE 30 FT. OF COILED CAT 6 CABLES IN BASE OF NEW POLE FOR USE BY OTHERS (FUTURE CAMERA AND WI-FI).
 - 3 STUB (1) 1" SCH 40 PVC EMPTY CONDUIT TO WEST FOR FUTURE CONTINUATION.
 - 4 PROVIDE IN-GRADE (FLUSH WITH SIDEWALK) JUNCTION BOX FOR TAP CONNECTION OF 240V POWER TO NEW S3 TYPE POLES. STRONGWELL (QUAZITE) 12"x12" #PC1212BA12 WITH #PC1212HA00 COVER (OR EQUAL). IMPRINT "LIGHTING" ON COVER.
 - 5 REMOVE EXISTING POLE FROM THIS LOCATION. SALVAGE STREET LIGHTING CIRCUIT FOR REUSE. INTERCEPT AND EXTEND TO NEW J-BOX AS SHOWN. PROVIDE NEW POLE BASE PER DETAIL.
 - 6 PROVIDE (1) 2" SCH 40 PVC CONDUIT WITH (1) 12-STRAND OM3 50µm FIBER OPTIC CABLE. COIL END INTERIOR OF STEEL STREET ENCLOSURE. FINAL TERMINATION/SPLICE BY OTHERS.
 - 7 EXISTING IN-GRADE BOX WITH STEEL PLATE COVER (CITY FIBER BOX). PROVIDE 2" SCH 40 PVC FIBER/CONDUIT FROM THIS LOCATION TO FIBER RACK IN UTILITY ROOM OF RESTROOM BUILDING.
 - 8 CONTRACTOR SHALL REMOVE EXISTING 120/240V SERVICE, METER AND EQUIPMENT SERVING EXISTING LIGHT POLES IN PLAZA. COORDINATE WITH CIVIL DRAWINGS. COORDINATE DISCONNECT AND RETIREMENT OF SERVICE WITH UTILITY CO. (AMEREN).

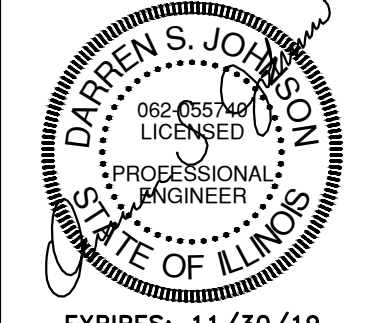
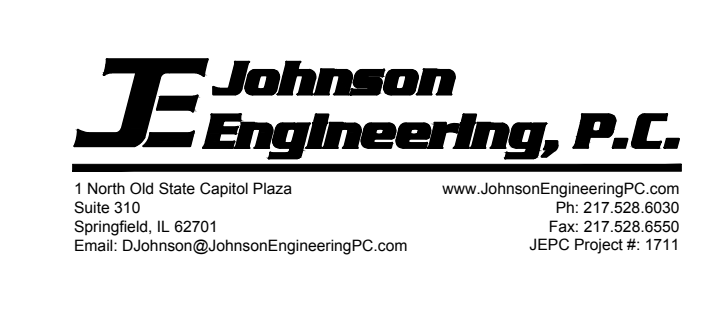
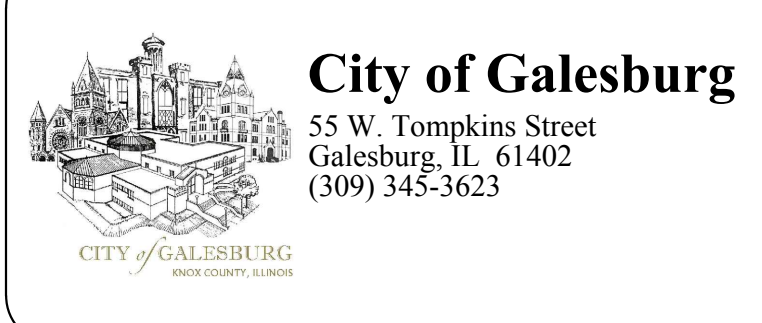
- CONDUIT/CABLE LEGEND:**
- A = 2 #10 (LIGHTS), 2 #10 (RECEPTACLE), 1 #10 GND
1" SCH 40 PVC
 - B = 3 #10, 1 #10 GND
1" SCH 40 PVC
 - C = 3 #6, 1 #10 GND
1-1/4" SCH 40 PVC
 - D = 3 #6, 2 #12, 1 #10 GND
1-1/4" SCH 40 PVC
 - E = 4 #12
3/4" SCH 40 PVC
 - F = 8 #12
3/4" SCH 40 PVC
 - G = 2 #10, 1 #10 GND
1" SCH 40 PVC
 - H = 2 #12
3/4" SCH 40 PVC

PARKING LOT E PLAN - ELECTRICAL

CONCRETE FOUNDATION
1" ABOVE SIDEWALK GRADE.
PROVIDE SQUARE 24" TOP
TO CONCRETE BASE.

SCALE: 0' 5' 10' 20'

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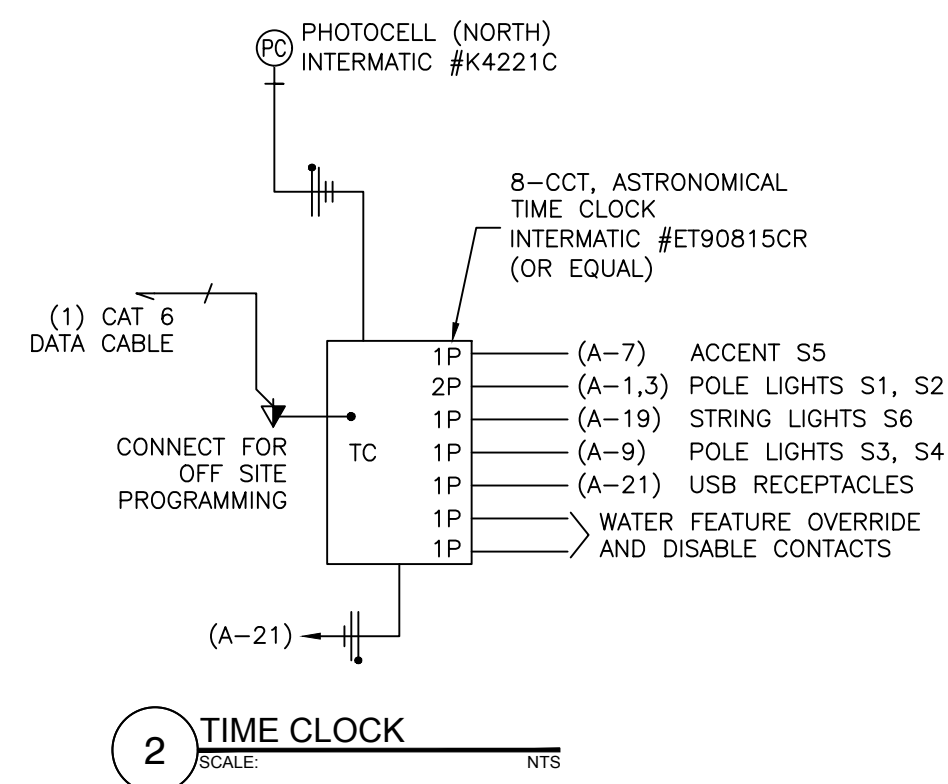


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PARK PLAZA AND PARKING LOT E

PARKING LOT E PLAN - ELECTRICAL E-100



GENERAL NOTES:

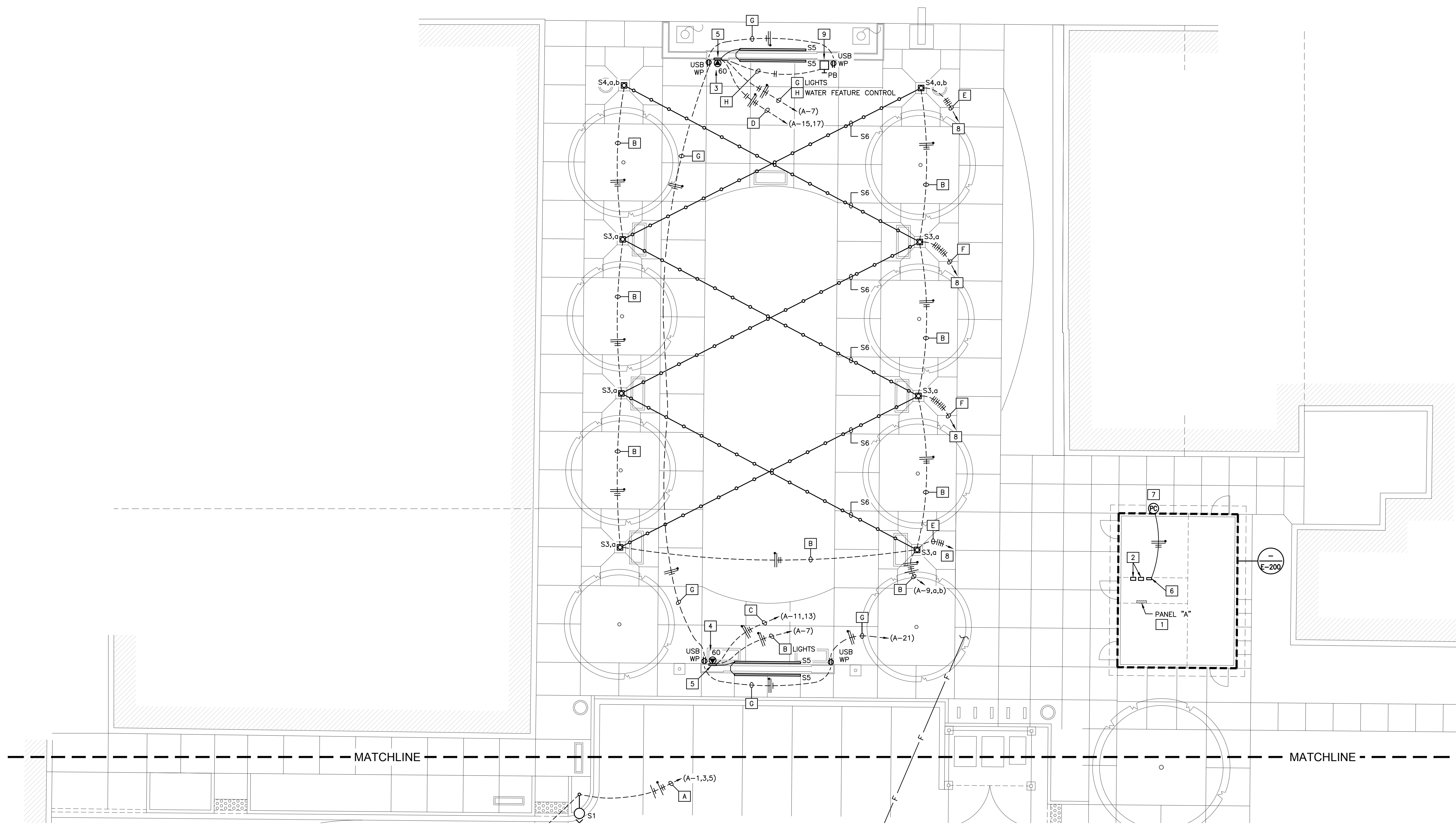
1. AT EACH CONNECTION TO TYPE "S6" LED STRING LIGHTS, PROVIDE BOX AND CONNECTION ASSEMBLY FOR PIN AND SLEEVE ASSEMBLY (EACH). TYPICAL AT FEED POINT OF DC WIRING.

KEYED NOTES:

- 1 NEW PANEL "A".
- 2 NEW LED STRING LIGHT DRIVERS (6) IN NEMA 4X ENCLOSURES ON INTERIOR WALL OF RESTROOM BUILDING. #PDS-60cc. POWER WITH 120VAC CIRCUIT (A-19), SEE DETAIL.
- 3 PROVIDE AND INSTALL (1) 60A NEMA 14-60R RECEPTACLE AND (1) MOMENTARY PUSH-BUTTON INTERIOR OF A NEMA 4 (16"x16"x8") STAINLESS STEEL ENCLOSURE, SEE DETAIL. (PROVIDES PLUG-IN FOR FOOD TRUCK AND 1-HR. TIMER CONTROL FOR WATER FEATURE.)
- 4 PROVIDE AND INSTALL (1) 60A NEMA 14-60R RECEPTACLE INTERIOR OF A NEMA 4 (16"x16"x8") STAINLESS STEEL ENCLOSURE, SEE DETAIL. (PROVIDES PLUG-IN FOR FOOD TRUCK.) PROTECT FROM GFCI 2P BREAKER IN PANEL "A".
- 5 PROVIDE INSTALL OF LINEAR WALL LIGHT DRIVER(S) INTERIOR OF ENCLOSURE. CONNECT TO LINEAR LIGHTS USING 2/C #16 WATERPROOF CABLE (LOW VOLTAGE) BURIED IN MASONRY. PROVIDE CONNECTIONS BETWEEN NORTH & SOUTH FACE FIXTURES.
- 6 TIME CLOCK INTERMATIC #ET90815CR (OR EQUAL).
- 7 PHOTOCELL INTERMATIC #K4221C (OVERRIDE OF TIME CLOCK, 120VAC).
- 8 FROM LED DRIVER IN UTILITY ROOM.
- 9 PROVIDE WEATHERPROOF PUSHBUTTON FOR TIMER (WATER FEATURE) ACTIVATION. (SCHNEIDER ELECTRIC #XALD101H29H7)

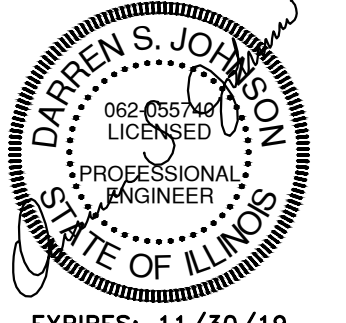
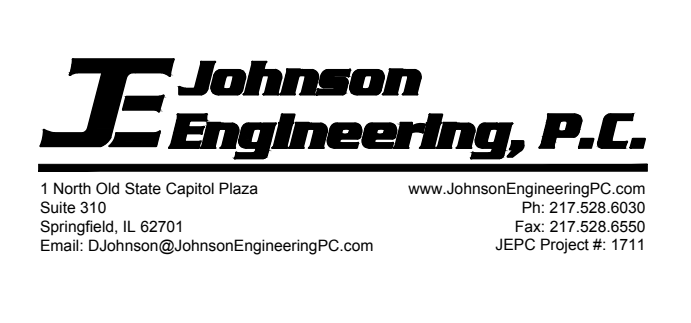
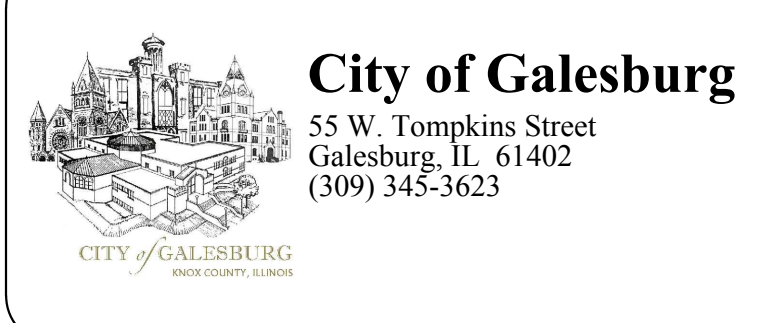
CONDUIT/CABLE LEGEND:

- A = 2 #10 (LIGHTS), 2 #10 (RECEPTACLE), 1 #10 GND
1" SCH 40 PVC
- B = 3 #10, 1 #10 GND
1" SCH 40 PVC
- C = 3 #6, 1 #10 GND
1-1/4" SCH 40 PVC
- D = 3 #6, 2 #12, 1 #10 GND
1-1/4" SCH 40 PVC
- E = 4 #12
3/4" SCH 40 PVC
- F = 8 #12
3/4" SCH 40 PVC
- G = 2 #10, 1 #10 GND
1" SCH 40 PVC
- H = 2 #12
3/4" SCH 40 PVC



PARK PLAZA PLAN - ELECTRICAL
SCALE: 1" = 10'-0"
0' 5' 10' 20'

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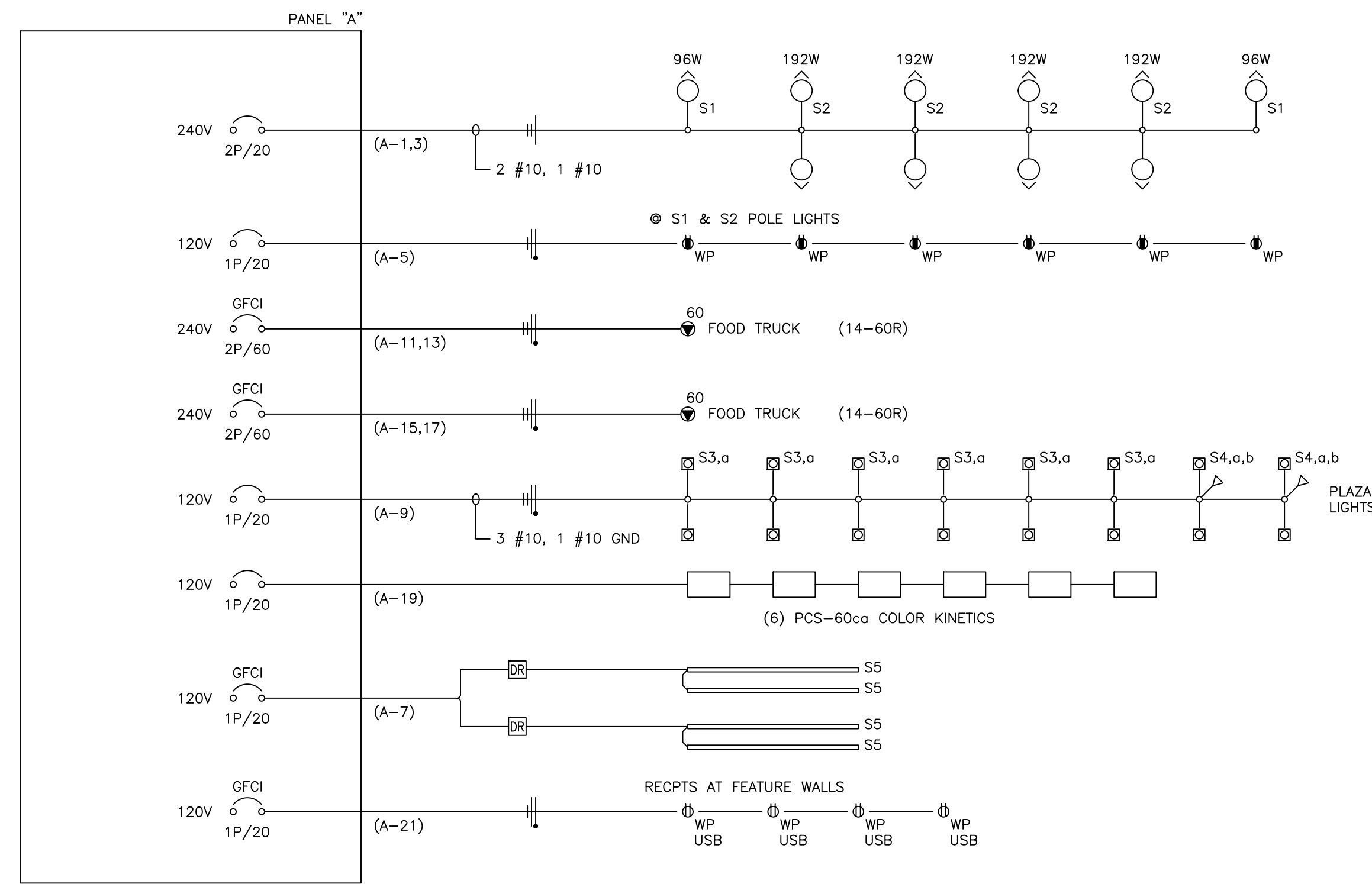


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REVIEWED	DSJ

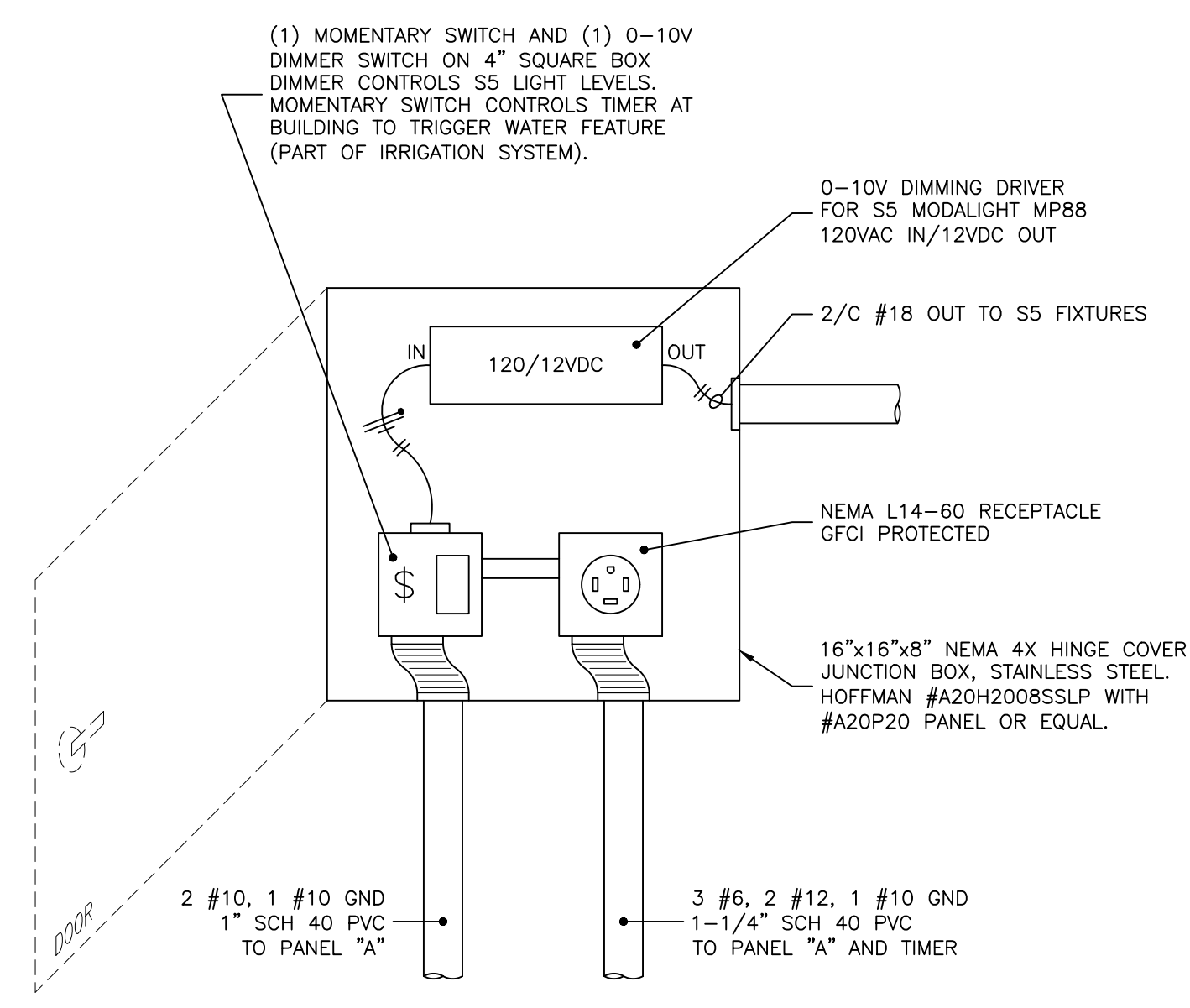
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PARK PLAZA AND PARKING LOT E
PARK PLAZA PLAN - ELECTRICAL

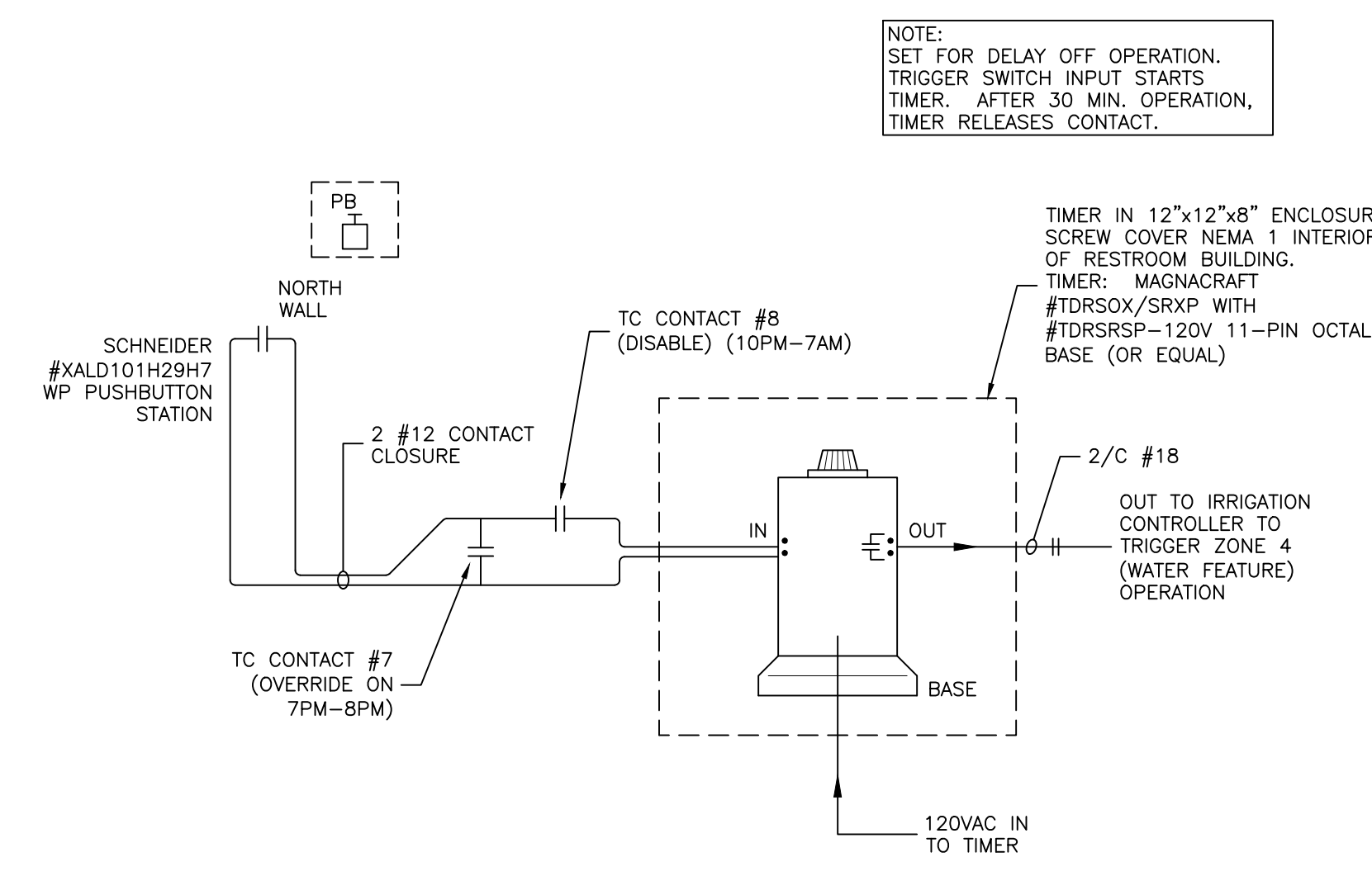
E-101



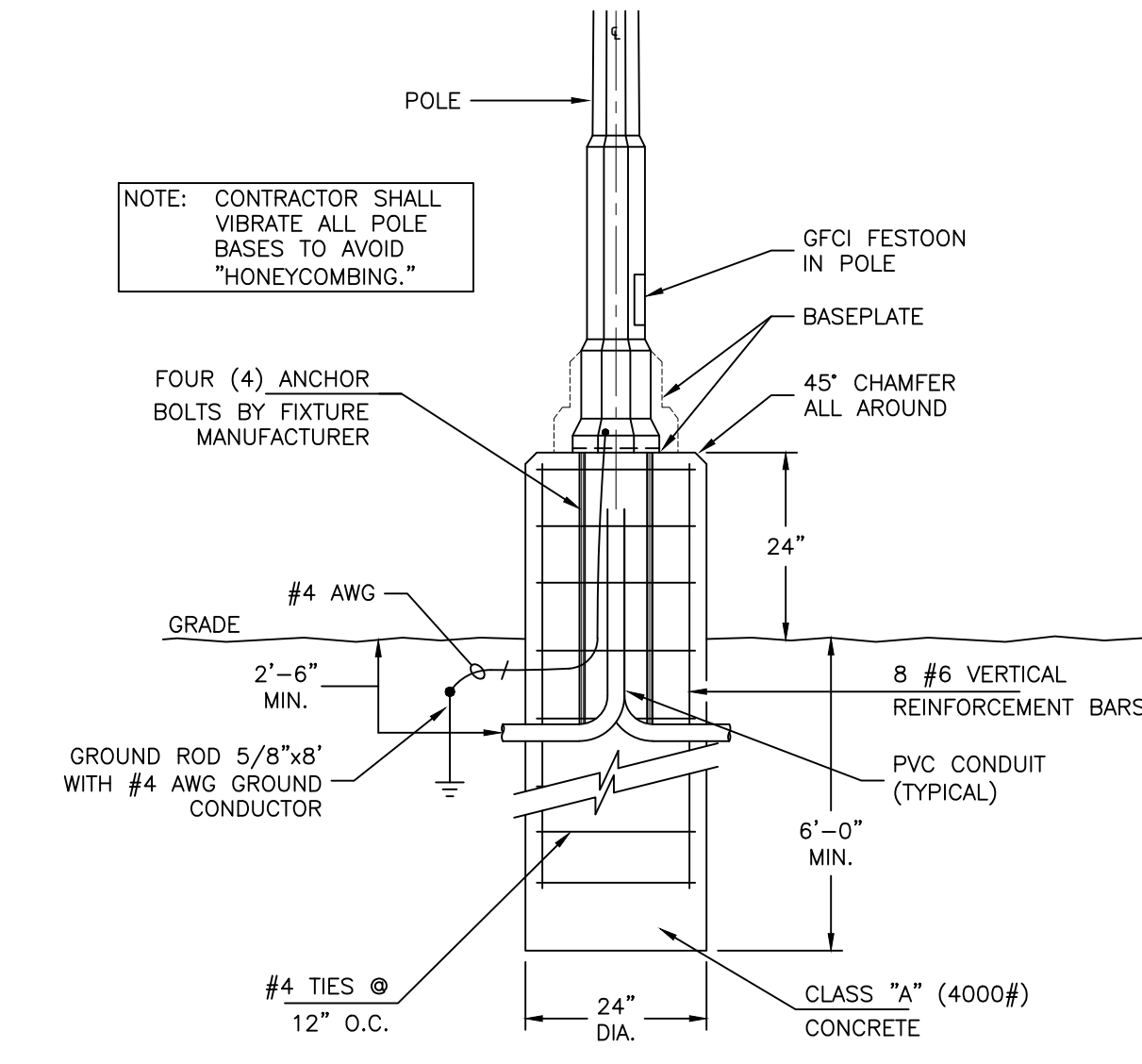
1 PANEL "A" WIRING DETAIL
SCALE: NTS



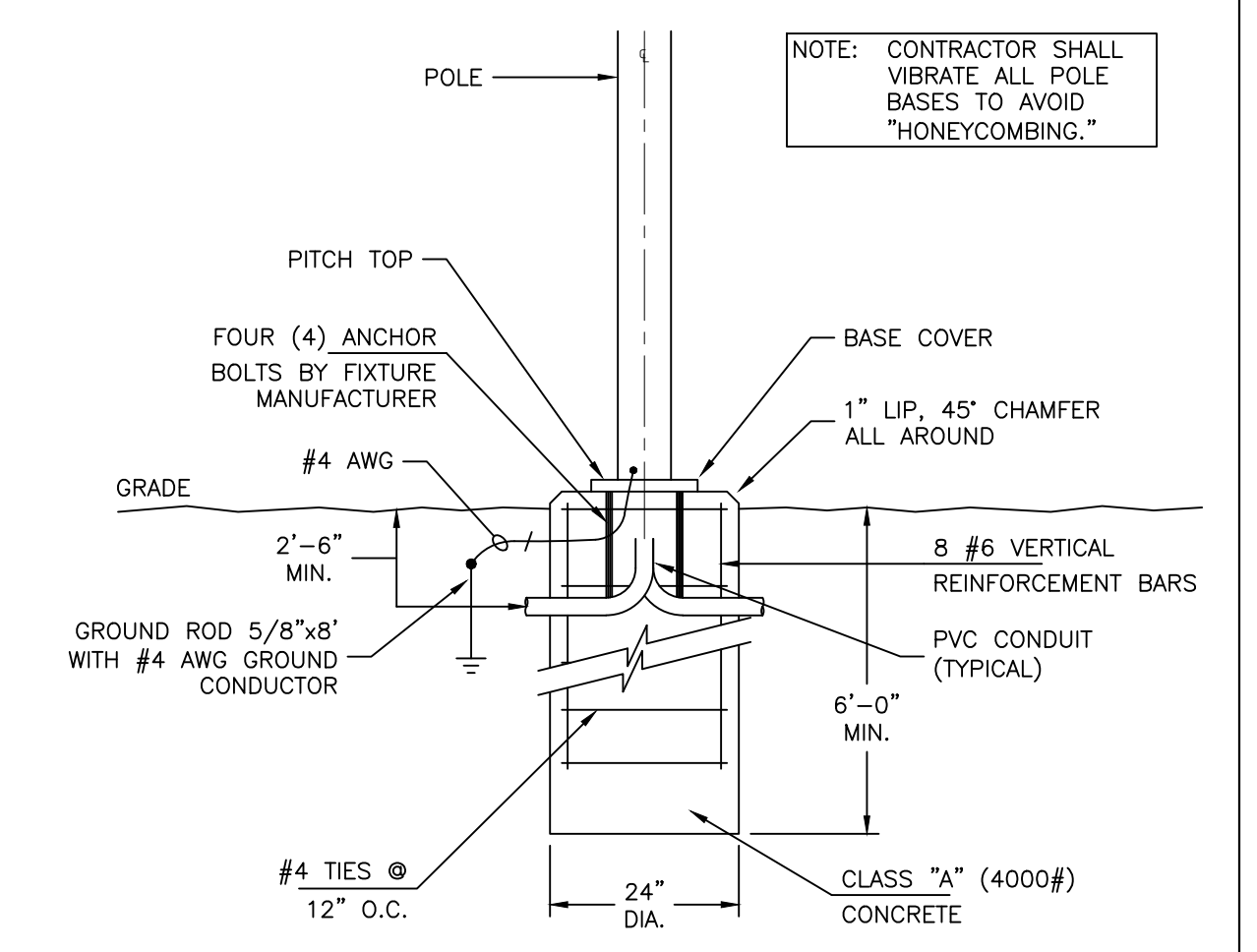
2 FEATURE WALL PANEL ENCLOSURE DETAIL
SCALE: NTS



3 WATER FEATURE RELAY CONTROL DETAIL
SCALE: NTS



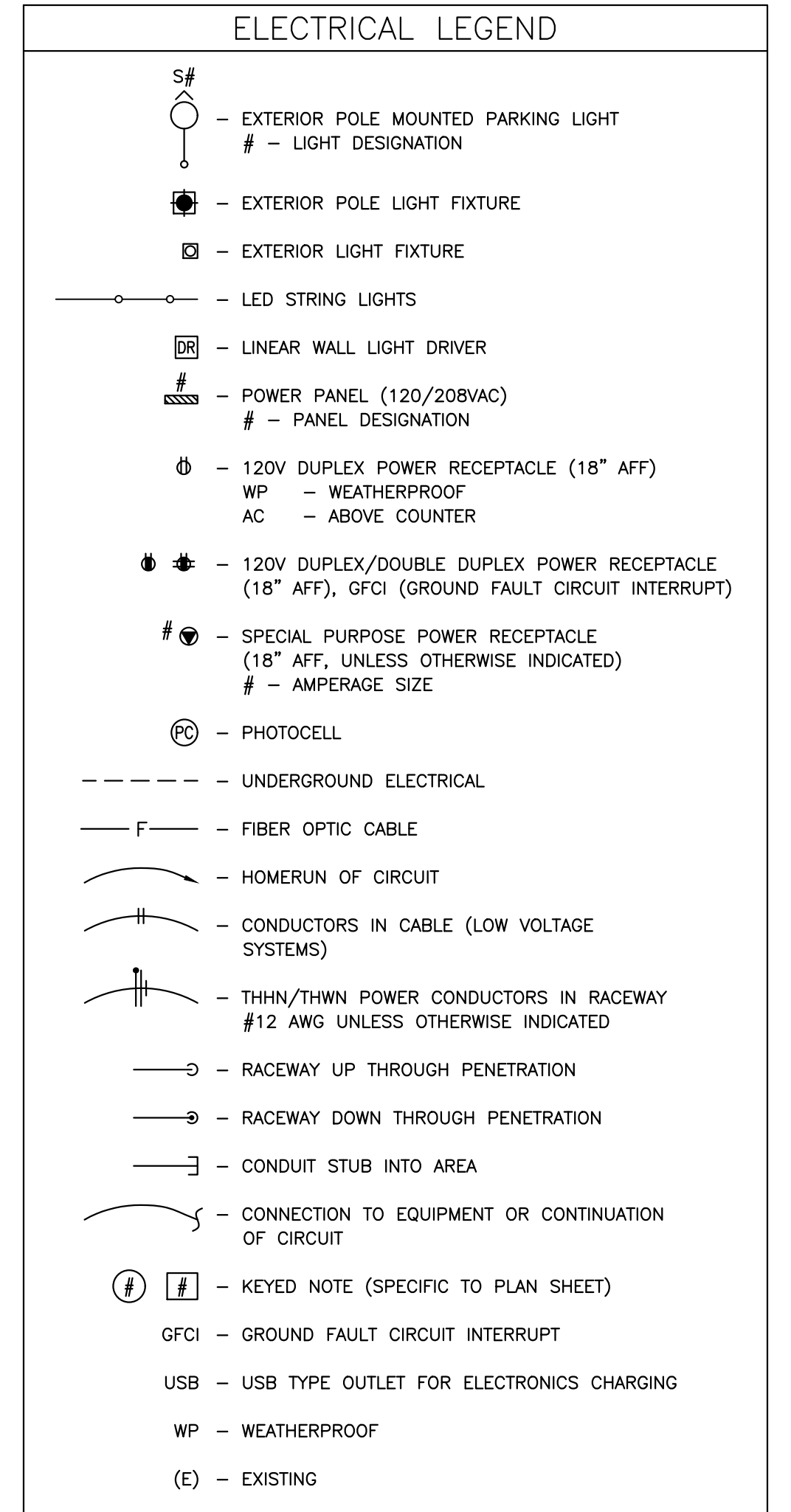
4 POLE BASE S1 & S2 DETAIL (6 IN PARKING LOT)
SCALE: NTS



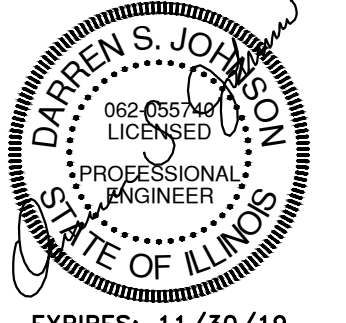
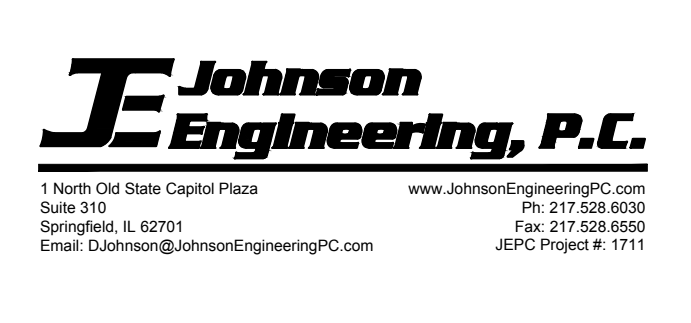
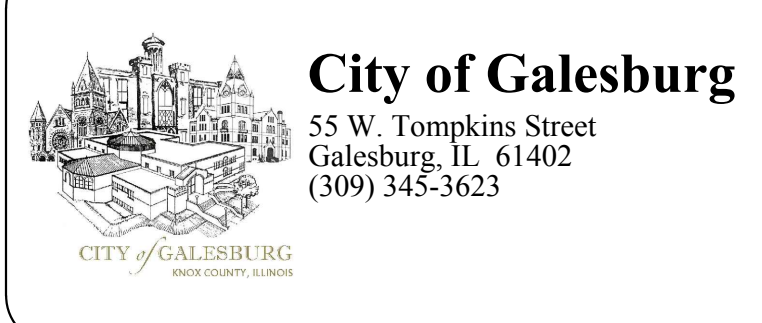
5 POLE BASE S3, S4, S5 & S7 DETAIL
SCALE: NTS

NOTE: CONTRACTOR SUPPLIER SHALL PROVIDE PROPER SUPPORT/EPA RATING OF TYPE S3 POLES TO SUPPORT CROSS GUY WIRES ASSOCIATED WITH S6 STRING FIXTURES. (SEE PLANS)

Label	Catalog Number	Description	Lamp	Voltage	Mount	Watts	Accessories	Notes
S1	STERNBERG: #1A-1521RLED-HS-HB-FG-6ARC43TR-F-MDL03/CASB/2425ART-6" EXT/BCC4/BD8A/GFI-UUCVDBK	OMEGA SERIES, LED DECORATIVE ARM MOUNTED FULL CUTOFF AREA LIGHT ON FLUTED BLACK 25 FT. POLE, GFCI AT 18 FT., DUAL BANNER ARMS, TYPE 3 DISTRIBUTION, BLACK.	LED 8700 LUMEN	120	POLE TOP 25 FT., 8 FT. ARM	96	-	PROVIDE 2" THICK BY 24" SQUARE TOP OF POLE BASE CONCRETE LIP (FOR BASE ALONG SIMMONS STREET).
NO EQUAL								
S2	STERNBERG: #2A-1521RLED-HS-HB-FG-6ARC43TR-F-MDL03/CASB/3025ART-6" EXT/BCC4/BD8A/GFI-UUCVDBK	OMEGA SERIES, DUAL LED DECORATIVE ARM MOUNTED FULL CUTOFF AREA LIGHT ON FLUTED BLACK 25 FT. POLE, GFCI AT 18 FT., DUAL BANNER ARMS, TYPE 5 DISTRIBUTION, BLACK.	LED 8700 LUMEN (EACH)	120	POLE TOP 25 FT., EACH ON 8 FT. ARMS	192	-	-
NO EQUAL								
S3	LIGMAN LIGHTING USA: #UMI-21052-3-38V-M-W40-01-120/277V-DIM-STACKED-SPD-RSS-5512-20-5.5-125-BLACK	2 HEAD LED MEDIUM FLOOR LIGHTS (SIDE-BY-SIDE) ON 20 FT. ROUND, STRAIGHT STEEL POLE, 0-10V DIMMABLE FIXTURES, 4000K COLOR TEMP., BLACK COLOR FIXTURES AND POLES.	LED 3240 LUMEN (EACH)	120	POLE TOP 20 FT., STACKED CONFIGURATION	76	-	-
NO EQUAL								
S4	LIGMAN LIGHTING USA: #UMI-21052-3-38V-M-W40-01-120/277V-DIM-STACKED-SPD-RSS-5512-20-5.5-125-BLACK	3 HEAD LED MEDIUM FLOOR LIGHTS (SIDE-BY-SIDE) ON 20 FT. ROUND, STRAIGHT STEEL POLE, 0-10V DIMMABLE FIXTURES, 4000K COLOR TEMP., BLACK COLOR FIXTURES AND POLES (3RD HEAD TO BE NARROW SPOT FOR UPLIGHT OF FLAG).	LED 3240 LUMEN (EACH)	120	POLE TOP 20 FT., STACKED CONFIGURATION	114	-	-
NO EQUAL								
S5	MODALIGHT: #AQUAFLEX-2700K-HCRI #MP88 DRIVER #MODA-SHD-C-4 FT (4)	19 FT. LED WET LOCATION FLEXIBLE TAPE LIGHT ACCENT, (1) DRIVER FOR (2) 16 FT. APPLICATIONS SHOWN, (4) 4 FT. SHIELDS (CLEAR), 2700K COLOR TEMP., DIMMABLE 0-10V.	LED 110 LUMEN / FT.	120V / 12VDC	LIP/ MASONRY MOUNT ACCENT	24	-	-
NO EQUAL								
S6	PHILIPS COLOR KINETICS (COLOR FLEX LMX): #101-000077-01, #101-000058-01, #999-007997-05, #109-000016-04	COLOR CHANGING LED 60 FT. STRING LIGHTS WITH (50) 1-WATT NODES, 12" ON CENTERS, 4000K COLOR TEMP., BLACK, MARQUEE LENS KIT, SEMI-FROST, 24V DC POWER SUPPLY, NEMA 4 OUTDOOR.	LED 87 LUMEN PER NODE	120V / 24VDC	STRINGER BETWEEN S3/S4 POLES	60	PROVIDE IPLAYERS3 #103-000019-00 FOR CONTROL/ PROGRAM.	-
NO EQUAL								
S7	REGA: #88309-K40-916HR	INDIRECT POLE TYPE ARCHITECTURAL LIGHT, LED SOURCE 120-277V, 4000K COLOR TEMP., 16" ROUND STRAIGHT STEEL POLE BLACK COLOR.	LED 6000 LUMEN	240	POLE 16" ROUND STRAIGHT (BLACK)	56	-	PROVIDE 2" THICK BY 24" SQUARE TOP OF POLE BASE CONCRETE LIP (FOR BASE ALONG SIMMONS STREET).
NO EQUAL								



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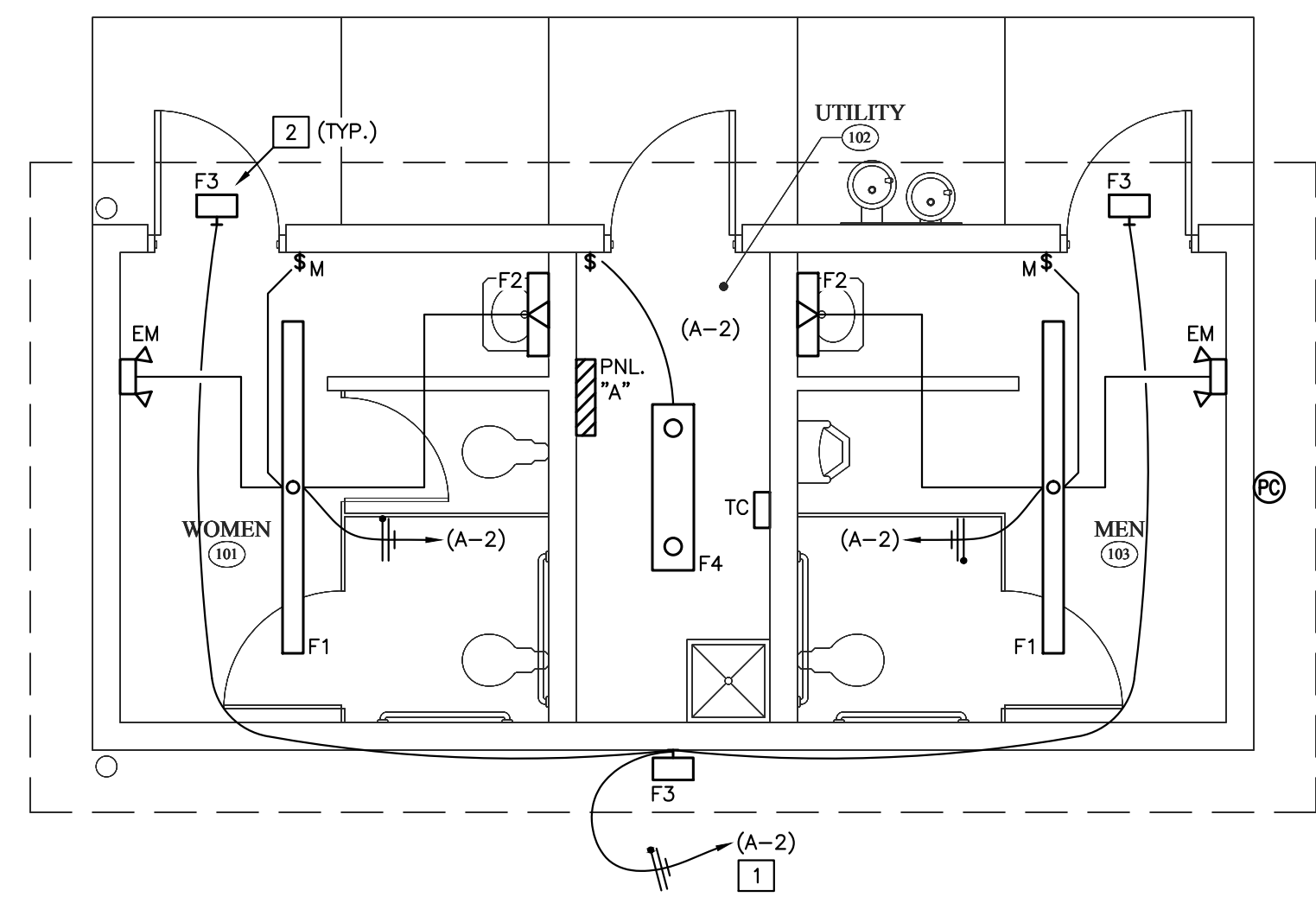
PARK PLAZA AND PARKING LOT E
LEGEND, SCHEDULES AND DETAILS

E-102

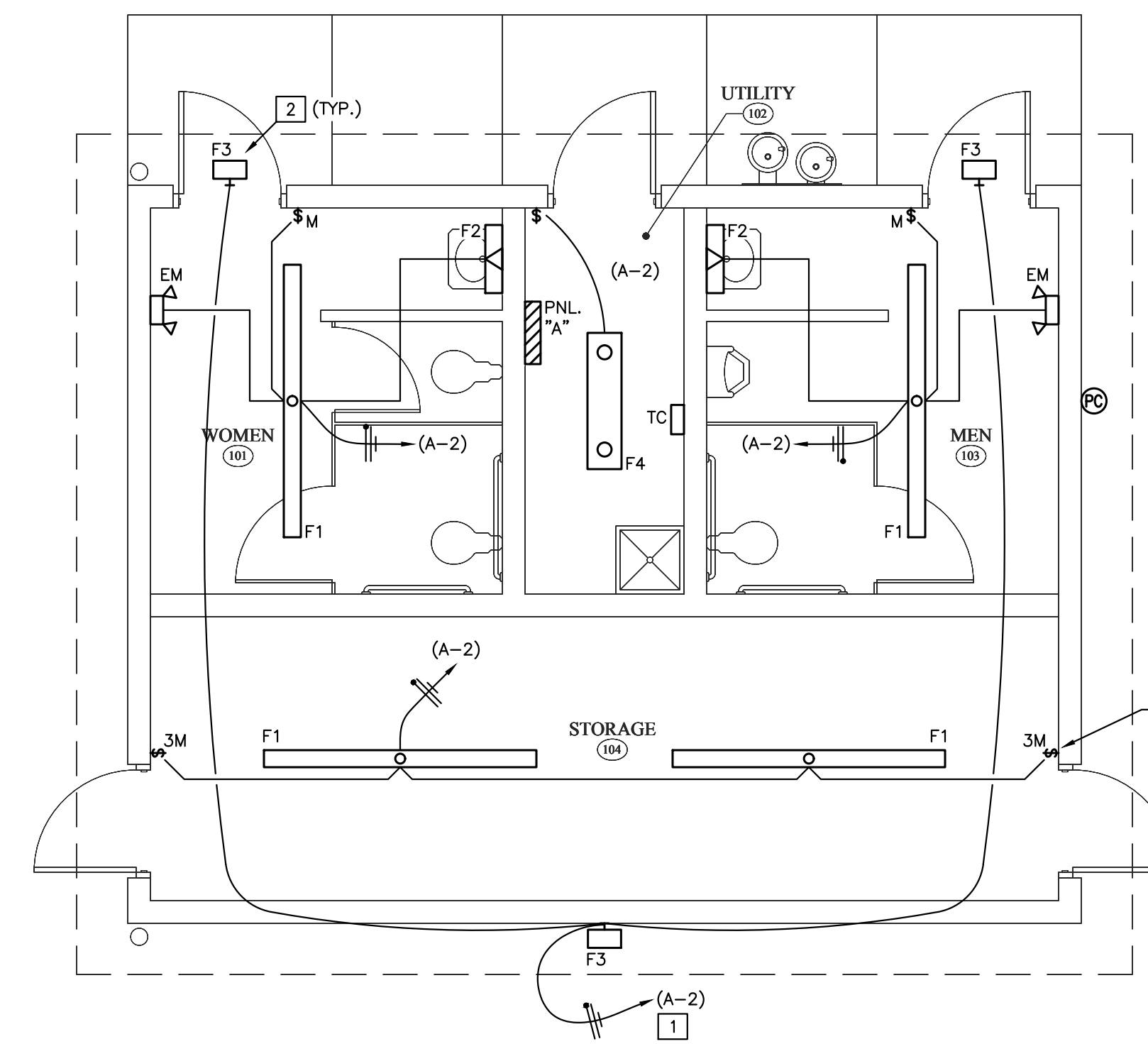
RESTROOM LIGHTING FIXTURE SCHEDULE								
Label	Catalog Number	Description	Lamp	Voltage	Mount	Watts	Accessories	Notes
F1	KENALL LIGHTING: # MLHASV-06-F-LG-PP-45L35K- DCC-1-120-DL	8 FT. VANDAL-PROOF HIGH ABUSE LED WRAPAROUND, FLAT END CAPS, LIGHT GRAY TRIM.	LED 9400 LUMEN	120	SURFACE	90	-	-
	OR EQUAL							
F2	KENALL LIGHTING: # MLHASV-24-F-LG-PP-25L35K- DCC-1-120	2 FT. VANITY VANDAL- PROOF HIGH ABUSE LED WALL FIXTURE, FLAT END CAPS, LIGHT GRAY TRIM.	LED 2300 LUMEN	120	SURFACE	25	-	-
	OR EQUAL							
F3	KENALL LIGHTING: # M013HL-PP-MB-8L40K-120	EXTERIOR WALL MOUNT HIGH ABUSE LED WALL PACK, BLACK EYELID.	LED 960 LUMEN	120	SURFACE	11	-	-
	OR EQUAL							
F4	KENALL LIGHTING: # MLHAS-48-F-LG-PP-45L35K- DCC-1-120-DL	4 FT. VANDAL-PROOF HIGH ABUSE LED WRAPAROUND, FLAT END CAPS, LIGHT GRAY TRIM.	LED 4700 LUMEN	120	CABLE HUNG	45	-	-
	OR EQUAL							
EM	KENALL LIGHTING: # METELHC-24N-MW-2-6.5L- 120-CEL	DUAL HEAD VANDAL- PROOF HIGH ABUSE EMERGENCY LIGHT, 90-MIN. COLD TEMP. BATTERY PACK, WHITE POLYCARBONATE COVER.	LED (2) 6.5W LED	120/ 6VDC	SURFACE WALL	4	-	-
	OR EQUAL							

KEYED NOTES:

- 1 THROUGH TIME CLOCK.
- 2 ABOVE DOOR AT 8'-6" (TYPICAL).



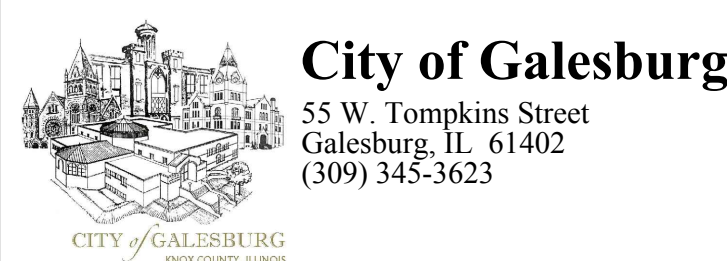
FLOOR PLAN BASE BID - ELECTRICAL LIGHTING
SCALE: 1/4" = 1'-0"



FLOOR PLAN ALT. BID - ELECTRICAL LIGHTING
SCALE: 1/4" = 1'-0"

PROVIDE MOTION SENSING SWITCHES IN 3-WAY CONFIGURATION.

ISSUED FOR BIDDING (10.22.2018)



City of Galesburg
55 W. Tompkins Street
Galesburg, IL 61402
(309) 345-3623

MMA

Massie Massie
+ Associates
1210 South 5th Street
Springfield, IL 62703
(217) 544-3210



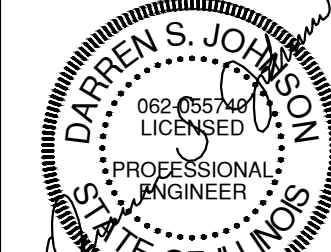
Bruner, Cooper,
& Zuck, Inc.
188 E. Simmons Street
Galesburg, IL 61401
(309) 343-9282

Sub-Consultant



1 North Old State Capitol Plaza
Suite 310
Springfield, IL 62701
Email: D.Johnson@JohnsonEngineeringPC.com
www.JohnsonEngineeringPC.com
Ph: 217-528-8030
Fax: 217-528-8550
JEPC Project #: 1828

Seal



EXPIRES: 11/30/19

DESIGNED	DSJ
DATE:	10/22/2018
CONTRACT NO.:	PPPLE-2017
DRAWN	HRH
REVIEWED	DSJ

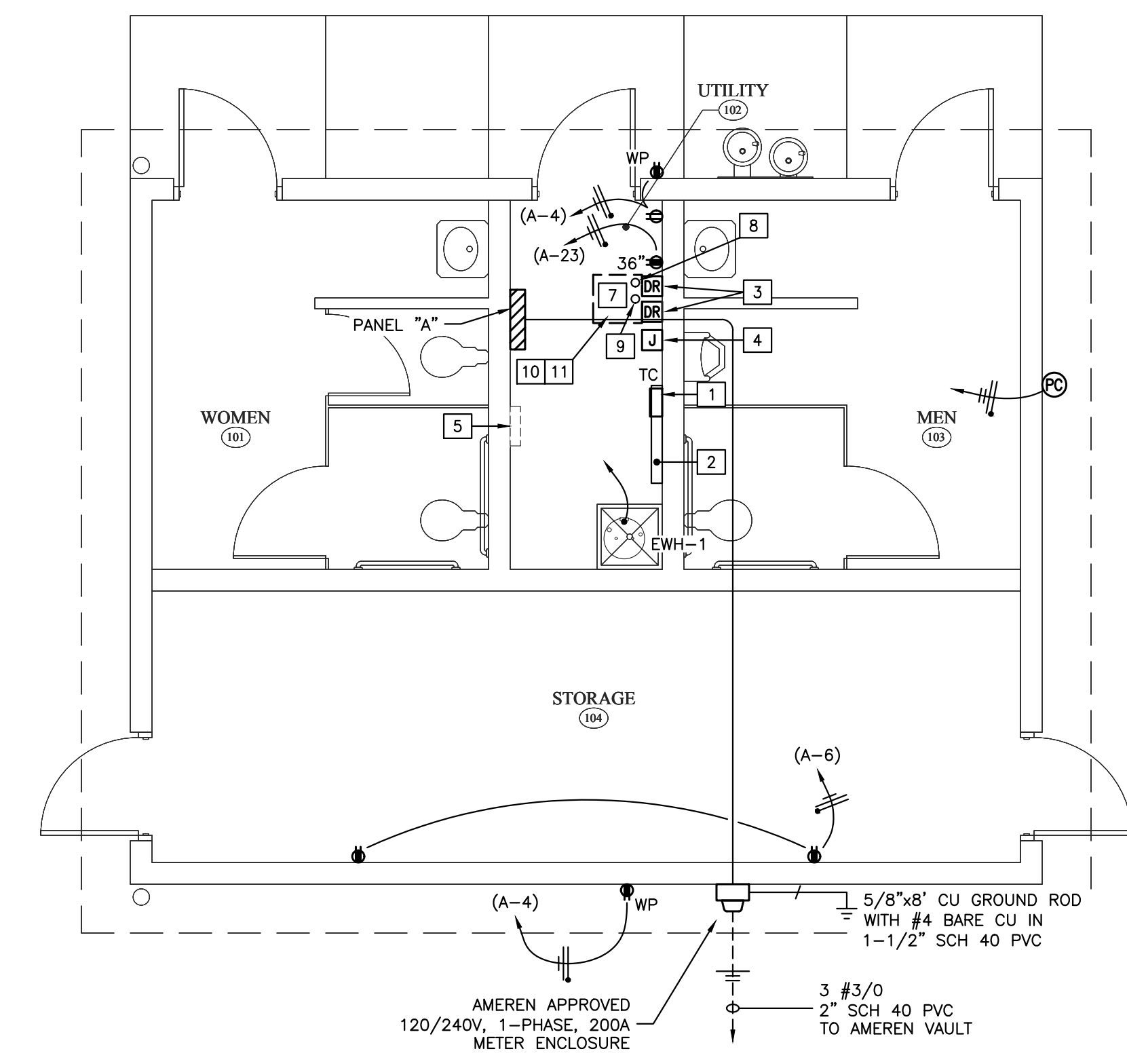
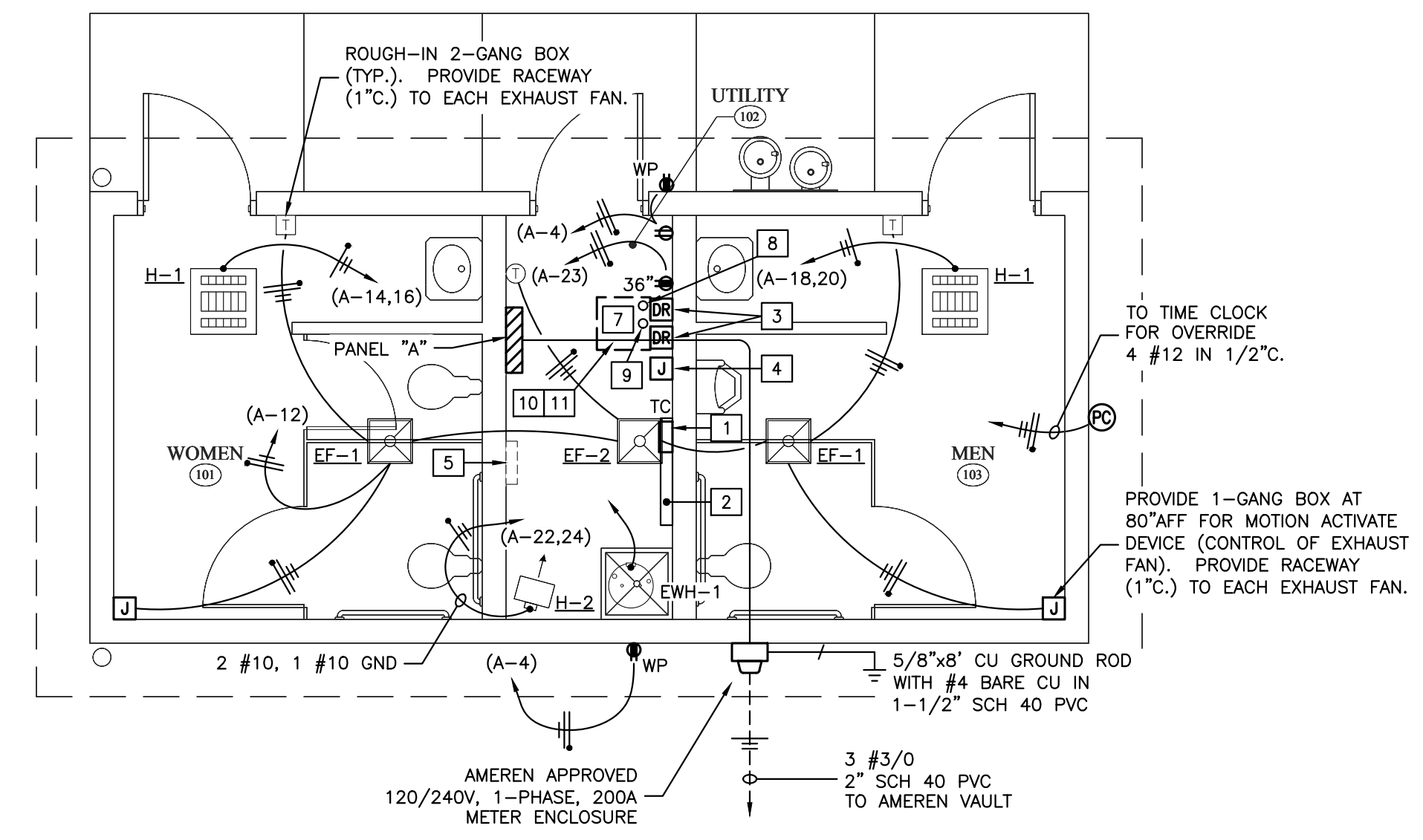
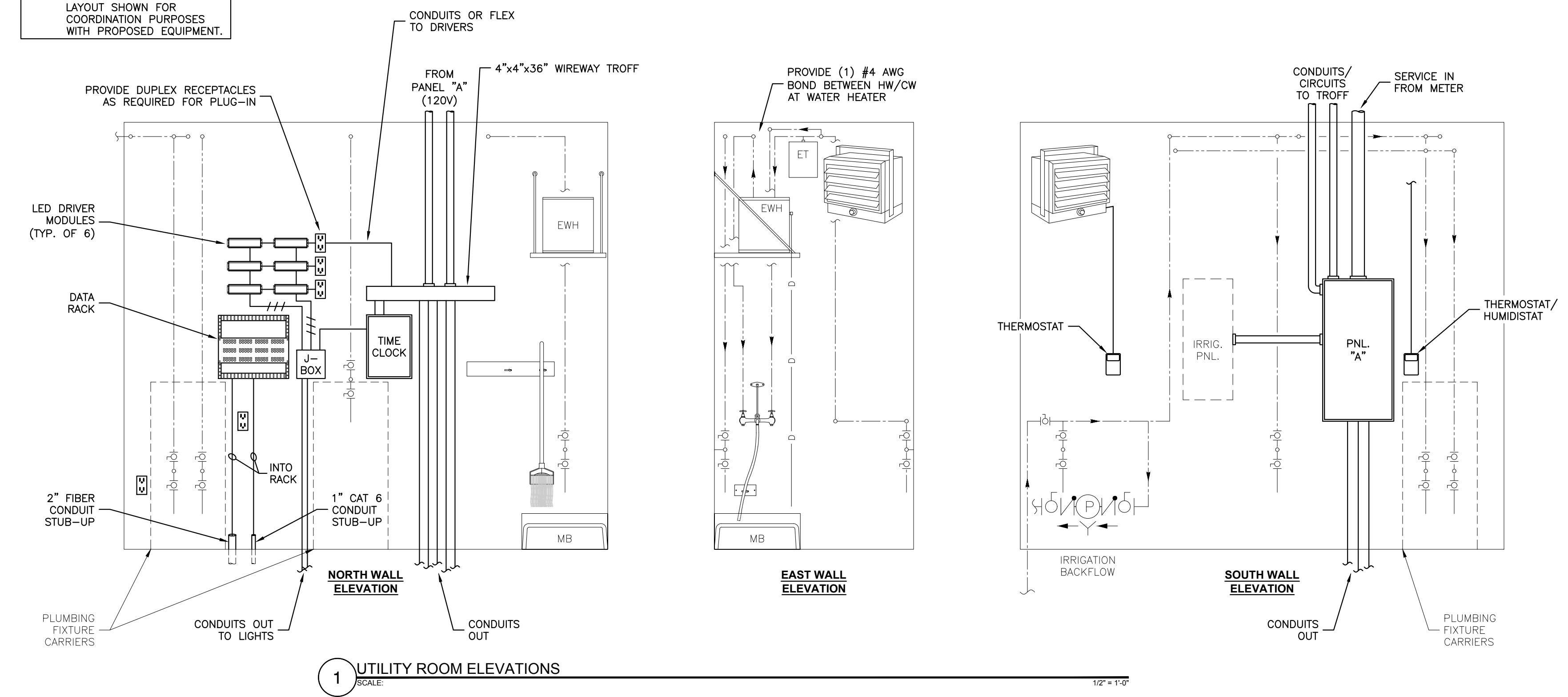
NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

PARK PLAZA AND PARKING LOT E
PARK RESTROOM PLANS - ELECTRICAL
LIGHTING

E-200

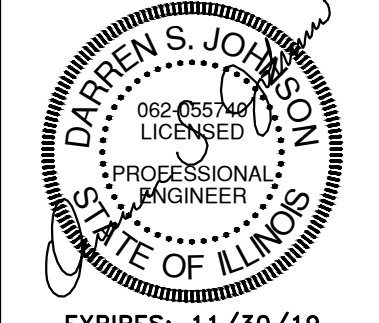
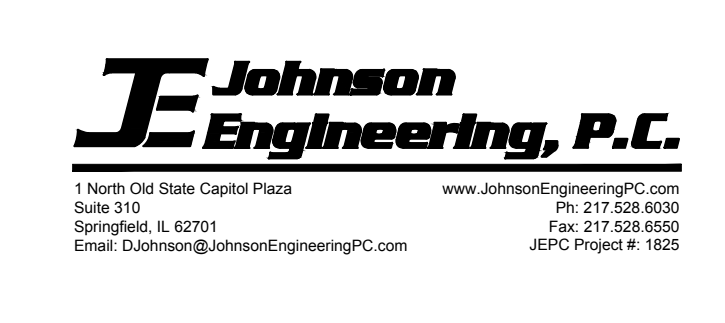
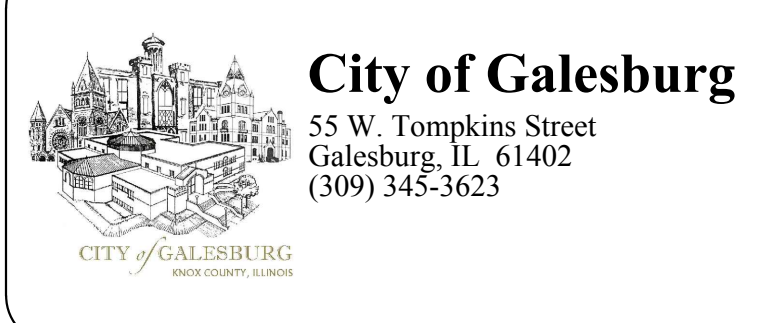
PANELBOARD SCHEDULE											
PANEL: A		RATING (AIC): 10,000		TYPE: BOLT-ON							
VOLTAGE: 120/240		BUS: 200A		NEMA: 1							
PHASE: 1 - WIRE: 3		MAIN: 200A BREAKER		MOUNT: SURFACE							
NOTE:		FEED: TOP		LOCATION: UTILITY RM							
DESCRIPTION	WIRE SIZE	WATTS	BRKR	PKT	BUS	CKT	BRKR	WATTS	WIRE SIZE	DESCRIPTION	
SITE LIGHTS	10	500	20	2	1	2	1	20	12	LIGHTS R.R. BLDG	
RECPTS ON POLES	10	1080	20	1	5	6	1	20	12	RECPTS R.R. BLDG	
LTS IN N/S WALLS		400	20	1	7	8	1	20	100	TIME CLOCK	
PLAZA LIGHTS	10	900	20	1	9	10	1	20	12	IRRIGATION SYSTEM	
FOOD TRUCK RECPT S	6	5000	60	2	11	12	1	20	400	EXHAUST FANS R.R.	
FOOD TRUCK RECPT N	6	5000	60	2	13	14	2	20	1250	HEATER WOMENS	
STRING LIGHTS LED	12	480	20	1	19	18	2	20	1250	HEATER MENS	
RECPTS ON FEATURE WALLS	10	720	20	1	21	22	2	30	2000	HEATER UTILITY	
DATA RACK	12	400	20	1	23	24	2	30	2000		
SPARE			20	1	25	26					
SPARE			20	1	27	28					
SPARE			20	1	29	30					
SPARE			20	1	31	32					
SPARE			20	1	33	34					
			20	1	35	36					
			20	1	37	38					
			20	1	39	40					
WATTS: BUS A: 19,140		BUS B: 17,420		TOTAL: 36,560		AMPS: 152					

NOTE: CONTRACTOR TO VERIFY ALL DIMENSIONS OF EQUIPMENT. LAYOUT SHOWN FOR COORDINATION PURPOSES WITH PROPOSED EQUIPMENT.



- KEYED NOTES:**
- TIME CLOCK. INTERMATIC #ET90815CR OR EQUAL.
 - 4"x4"x36" WIREWAY TROFF FOR CONDUITS OUT.
 - LED DRIVER MODULES FOR TYPE S6 COLOR CHANGING STRING LIGHTS. (6 UNITS TOTAL THIS LOCATION.) MOUNT ABOVE DATA RACK.
 - JUNCTION BOX FOR WATER WALL TIMER CONTROL.
 - LOCATION FOR IRRIGATION CONTROLLER.
 - (1) #4 GND IN 3/4". TO WATER SERVICE ENTRANCE. BOND WITH PIPE CLAMP TO COPPER WATER PIPING.
 - 7" DATA RACK, BLACKBOX #RMT993A. MOUNT TO WALL.
 - 2" FIBER CONDUIT STUB UP.
 - 1" CAT 6 CONDUIT TO WI-FI/CAMERA POLE SOUTH, STUB UP.
 - PROVIDE FIBER RACK MOUNT UNIT AND "LC" CONNECTIONS. PANDUIT #FMD1. TERMINATE ALL FIBERS.
 - PROVIDE DATA RACK PANEL AND TERMINATE CAT 6 CABLES. PANDUIT #DP2468BTGY.

ISSUED FOR BIDDING (10.22.2018)



DESIGNED	DSJ
DRAWN	HRH
REVIEWED	DSJ

NUMBER	DATE	ISSUE
01	10/22/2018	ISSUED FOR BIDDING

PARK PLAZA AND PARKING LOT E
PARK RESTROOM PLANS - ELECTRICAL POWER

E-201