

STATE OF INDIANA
DEKALB COUNTY



PROJECT LOCATION SHOWN BY →

6TH & MAIN STREETScape

PROJECT DESCRIPTION

STREETSCAPE IMPROVEMENTS AT 6TH & MAIN STREET AUBURN INDIANA

CITY OF AUBURN

OWNER

CITY OF AUBURN
210 EAST NINTH STREET
AUBURN, IN 46706

CONSULTANT

JONES PETRIE RAFINSKI CORP.
325 S LAFAYETTE BLVD
SOUTH BEND, IN 46601

UTILITIES

WATER

AUBURN WATER DEPARTMENT
800 NORTH STREET
AUBURN, IN 46706
RANDY HARVEY
1-260-925-5711

SEWER

WATER POLLUTION CONTROL
2010 SOUTH WAYNE STREET
AUBURN, IN 46706
STEVE KLEIN
1-260-925-1714

ELECTRIC

AUBURN ELECTRIC DEPARTMENT
5066 COUNTY ROAD 29
AUBURN, IN 46706
CHRIS SCHWEITZER
1-260-925-8232

GAS

NIPSCO
1153 W AUBURN DRIVE
AUBURN, IN 46706
JOSHUA METCALF
1-260-925-2700 EXT. 263

TELEPHONE

AUBURN ESSENTIAL SERVICES
210 S CEDAR ST, 3RD FLOOR CITY HALL
AUBURN, IN 46706
ROB HIGGINS
1-260-333-0100

TELEPHONE

AT&T
241 EAST MARKET STREET
HUNTINGTON, IN 46750
CHRIS CARTWRIGHT
1-260-358-4507

CABLE TELEVISION

MEDIACOM
1101 AUBURN DRIVE
AUBURN, IN 46706
DALE KONKLE
1-260-927-3015 EXT. 3031

UTILITY LOCATE

INDIANA 811
1-800-382-5544

IMPORTANT UNDERGROUND UTILITY NOTES

EXISTING UNDERGROUND UTILITIES SHOWN IN THESE PLANS ARE BASED ON EVIDENCE OF ABOVE GROUND FEATURES, ON LOCATIONS MARKED IN THE FIELD BY OTHERS, OR ON RECORD INFORMATION PROVIDED BY UTILITY COMPANIES. PIPE INVERT ELEVATIONS WERE MEASURED WITHOUT ENTERING CONFINED SPACES. NO EXCAVATION SHOULD OCCUR WITHOUT NOTIFICATION OF APPROPRIATE AGENCIES AND UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF PIPE INVERT ELEVATIONS AND UTILITY LOCATIONS, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY IF CONFLICTS ARE DISCOVERED.

GENERAL NOTES

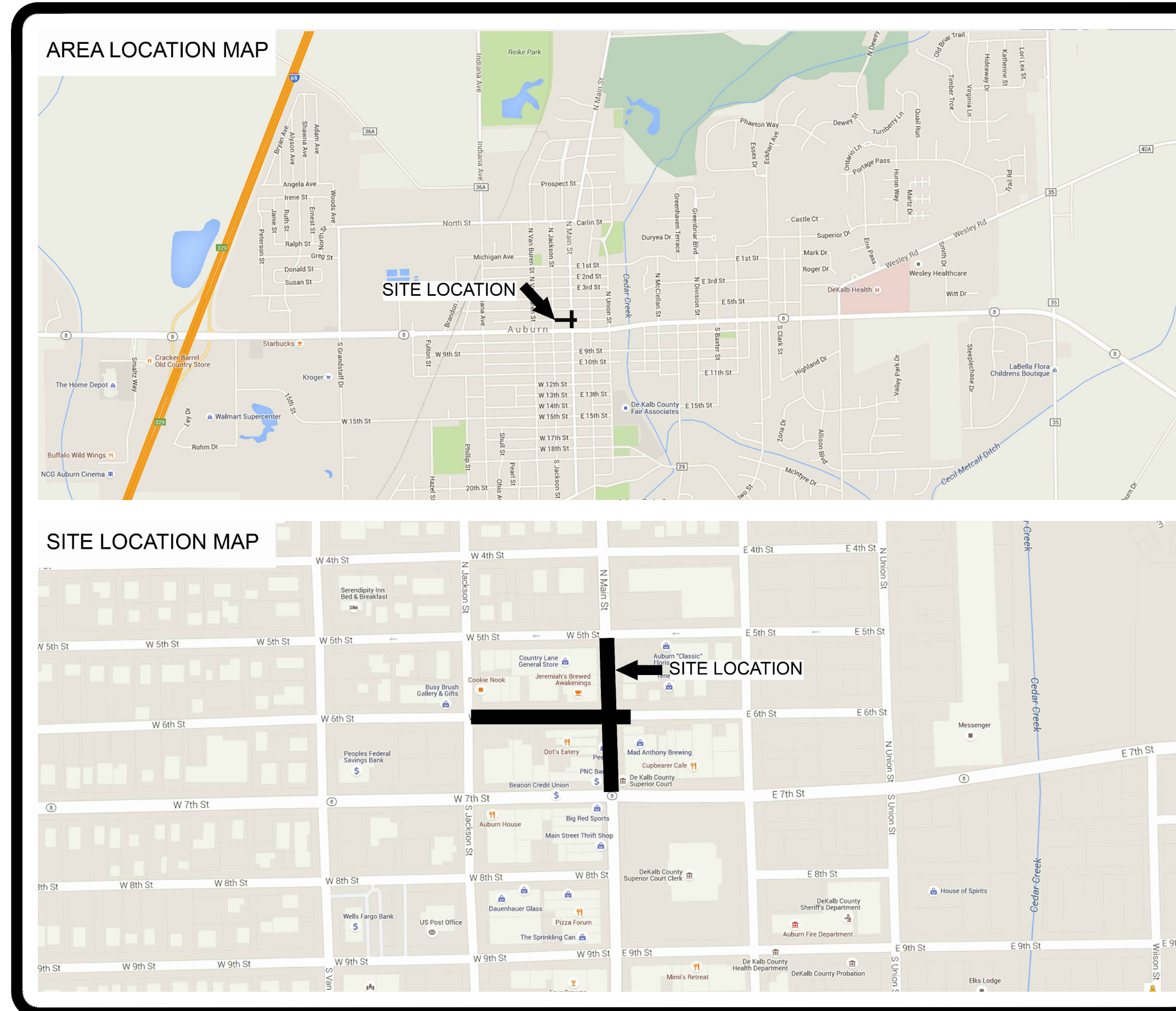
FOR PROTECTION OF UNDERGROUND UTILITIES, CONTRACTOR SHALL CALL 1-800-382-5544 A MINIMUM OF THREE WORKING DAYS PRIOR TO EXCAVATING IN THE VICINITY OF UTILITY LINES. ALL INDIANA 811 PARTICIPATING MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE PART OF THE INDIANA 811 ALERT SYSTEM.

IF ANY ERRORS BECOME APPARENT, THESE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.

THE CONTRACTOR SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF THE LOCAL GOVERNMENT, INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, AND THE INDIANA DEPARTMENT OF TRANSPORTATION.

THE CONTRACTORS SHALL MAKE WHATEVER SOIL BORINGS NECESSARY TO FULLY ACQUAINT THEMSELVES WITH CONDITIONS AS THEY EXIST SO THAT THEY MAY FULLY UNDERSTAND THE CONDITIONS WHICH MAY AFFECT THE COST OF THE WORK. FAILURE TO MAKE SUCH BORINGS OR ANY BORINGS MADE WHICH DO NOT PROVIDE A COMPLETE UNDERSTANDING OF THE CONDITIONS ENCOUNTERED SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR CARRYING OUT ALL THE WORK TO COMPLETION AS SHOWN ON THE PLANS, OR AS SPECIFIED, AT THE PRICE SPECIFIED TO BE PAID FOR THE WORK. WHERE THE RESULTS OF ANY TEST BORINGS ARE SHOWN ON THE PLANS, THE INFORMATION IS NOT GUARANTEED AND THE CONTRACTOR MUST SATISFY HIMSELF AS TO THE CHARACTER OF MATERIALS THAT MAY BE ENCOUNTERED.

THE CONTRACTOR SHALL FOLLOW THE OSHA REGULATIONS 29 C.F.R. 1926 SUBPART P FOR TRENCH SAFETY SYSTEMS. THE COST FOR TRENCH SAFETY SYSTEMS SHALL BE MERGED INTO THE PAY ITEM OF THE PRINCIPAL WORK WITH WHICH THE SAFETY SYSTEMS ARE ASSOCIATED. THE CONTRACTOR SHALL OTHERWISE BE RESPONSIBLE FOR SAFETY IN REGARD TO THE PROJECT'S CONSTRUCTION.



LOCATION MAP

PART OF AUBURN MICHIGAN
SECTION 32, TOWNSHIP 34 NORTH, RANGE 13 EAST,
UNION TOWNSHIP, DEKALB COUNTY

INDEX OF PLANS

- G100 COVER SHEET
- C100 TOPOGRAPHIC SURVEY SHEET
- C101 OVERALL GEOMETRIC PLAN
- C102 DEMOLITION PLAN
- C103 EROSION CONTROL PLAN
- C104 DEDUCT ALTERNATE #7 LIMITS
- C201 DIMENSIONAL PLAN – WEST 6TH STREET
- C202 DIMENSIONAL PLAN – EAST 6TH STREET
- C203 DIMENSIONAL PLAN – MAIN STREET
- C301 GRADING PLAN – WEST 6TH STREET
- C302 GRADING PLAN – EAST 6TH STREET
- C303 GRADING PLAN – MAIN STREET
- C401 PLAN & PROFILE STORM SEWER – WEST 6TH STREET
- C402 PLAN & PROFILE STORM SEWER – EAST 6TH STREET
- C501 LIGHTING PLAN & DETAILS
- C502 PHOTOMETRIC PLAN
- C503 LOW VOLTAGE PLAN – ADD ALTERNATE #6
- C601 LANDSCAPE PLAN & DETAILS
- C701 MAINTENANCE OF TRAFFIC
- SD101 SITE DETAIL SHEET
- SD102 SITE DETAIL SHEET
- SD103 SITE DETAIL SHEET
- SD104 SITE DETAIL SHEET
- SD105 TYPICAL PAVEMENT SECTIONS
- SD106 SITE DETAIL SHEET

JONES PETRIE RAFINSKI
your one single source

Fort Wayne, Indiana
P: 260.422.2322

South Bend, Indiana
P: 574.232.4188

Elkhart, Indiana
P: 574.293.7762

PRELIMINARY
FOR 90%
REVIEW
PURPOSES
ONLY

6TH & MAIN STREETScape
CITY OF AUBURN
COVER SHEET

210 EAST NINTH STREET
AUBURN, IN 46706

DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	NONE
	G100

JASON A. STANKIEWICZ PE 10302415 DATE _____
COVERING DESIGN
REGISTERED PROFESSIONAL ENGINEER STATE OF INDIANA

ANDREW CUNNINGHAM RLA 21300012 DATE _____
COVERING REVIEW
REGISTERED LANDSCAPE ARCHITECT STATE OF INDIANA

REV	DESCRIPTION	BY	DATE

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TOPOGRAPHIC SURVEY NOTES:

This topographic survey was performed for The City of Auburn in March 2017, and is for their use only.

This is not a boundary survey. Right-of-way lines and property lines are based on limited field evidence and limited research. All right-of-way and property lines shown are apparent.

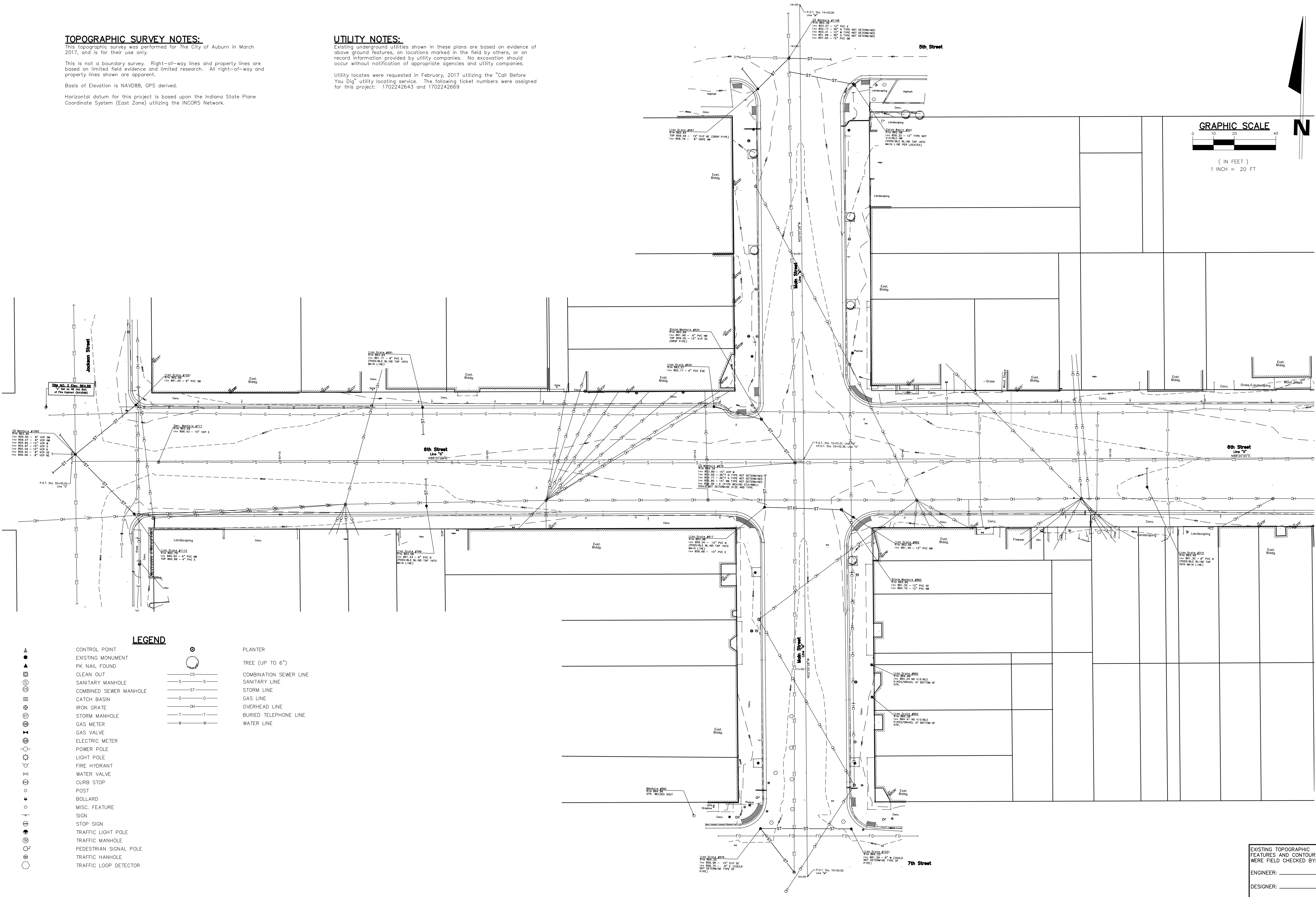
Basis of Elevation is NAVD88, GPS derived.

Horizontal datum for this project is based upon the Indiana State Plane Coordinate System (East Zone) utilizing the INCORS Network.

UTILITY NOTES:

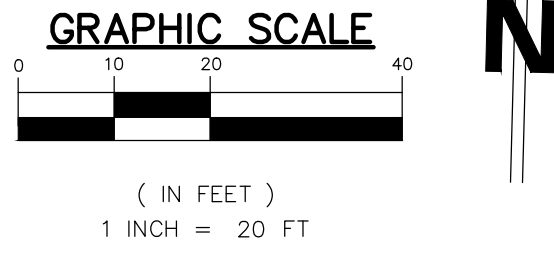
Existing underground utilities shown in these plans are based on evidence of above ground features, on locations marked in the field by others, or on record information provided by utility companies. No excavation should occur without notification of appropriate agencies and utility companies.

Utility locates were requested in February, 2017 utilizing the "Call Before You Dig" utility locating service. The following ticket numbers were assigned for this project: 1702242643 and 1702242669



LEGEND

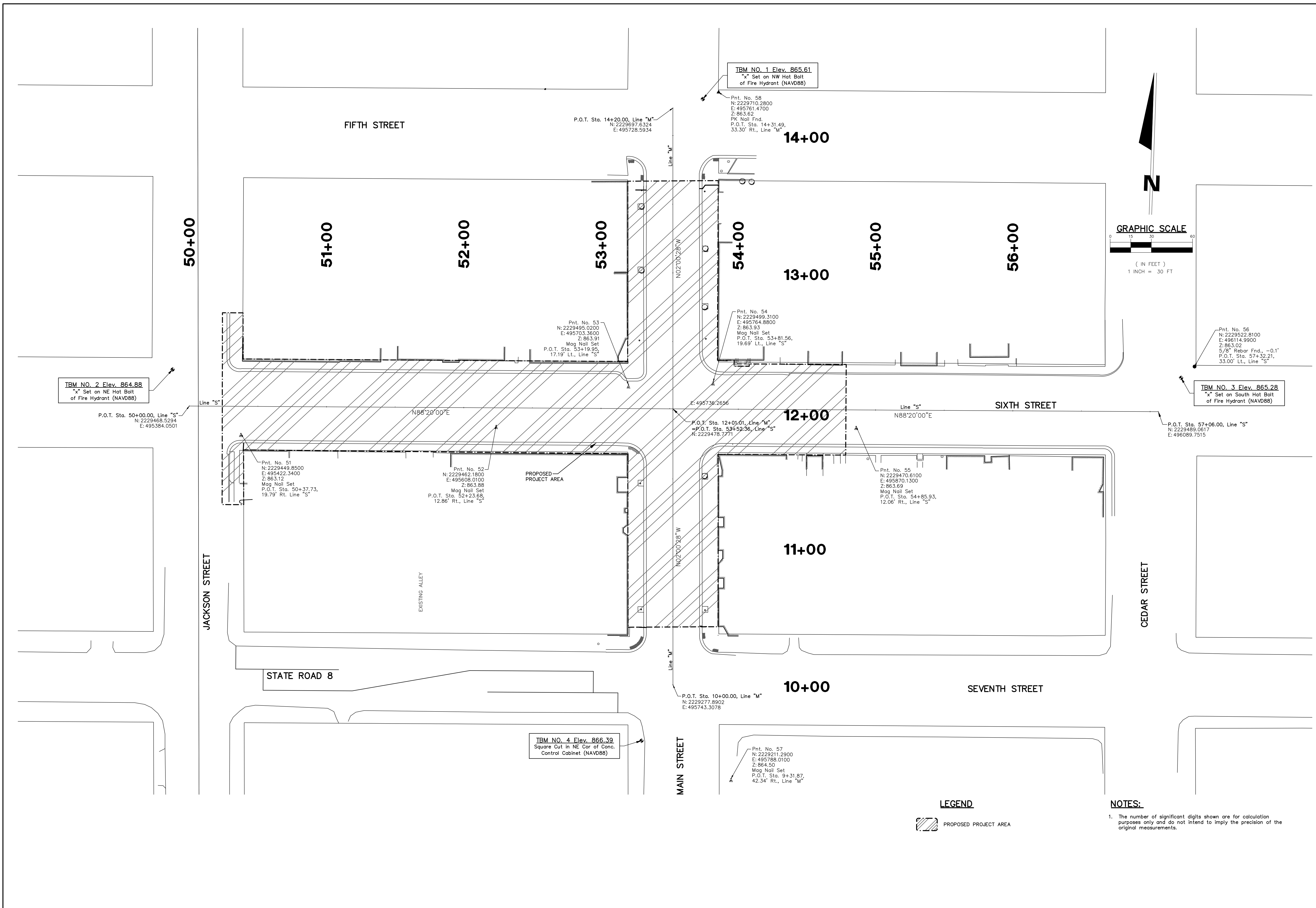
- | | | | |
|---|------------------------|-------|------------------------|
| ▲ | CONTROL POINT | ○ | PLANTER |
| ● | EXISTING MONUMENT | ○ | TREE (UP TO 6") |
| ◆ | PK NAIL FOUND | —CS— | COMBINATION SEWER LINE |
| □ | CLEAN OUT | —S—S— | SANITARY LINE |
| ⊕ | SANITARY MANHOLE | —ST— | STORM LINE |
| ⊕ | COMBINED SEWER MANHOLE | —G—G— | GAS LINE |
| ⊕ | CATCH BASIN | —OH— | OVERHEAD LINE |
| ⊕ | IRON GRATE | —T—T— | BURIED TELEPHONE LINE |
| ⊕ | STORM MANHOLE | —W—W— | WATER LINE |
| ⊕ | GAS METER | | |
| ⊕ | GAS VALVE | | |
| ⊕ | ELECTRIC METER | | |
| ⊕ | POWER POLE | | |
| ⊕ | LIGHT POLE | | |
| ⊕ | FIRE HYDRANT | | |
| ⊕ | WATER VALVE | | |
| ⊕ | CURB STOP | | |
| ⊕ | POST | | |
| ⊕ | BOLLARD | | |
| ⊕ | MISC. FEATURE | | |
| ⊕ | SIGN | | |
| ⊕ | STOP SIGN | | |
| ⊕ | TRAFFIC LIGHT POLE | | |
| ⊕ | TRAFFIC MANHOLE | | |
| ⊕ | PEDESTRIAN SIGNAL POLE | | |
| ⊕ | TRAFFIC MANHOLE | | |
| ⊕ | TRAFFIC LOOP DETECTOR | | |



DATE	
BY	
DESCRIPTION	
REV	
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<p>For: JONES PETRIE RAFINSKI your one single source</p>	<p>Form: Wynns, Indiana P: 264.423.232</p>
<p>South Bend, Indiana P: 574.232.1488</p>	
<p>Elkhart, Indiana P: 574.293.7762</p>	
<p>PRELIMINARY FOR 90% REVIEW PURPOSES ONLY</p>	
<p>DESIGNED BY: JAS</p>	<p>6TH & MAIN STREETSCAPE CITY OF AUBURN 210 EAST NINTH STREET AUBURN, IN 46705 TOPOGRAPHIC SURVEY SHEET</p>
<p>DRAWN BY: RJH</p>	
<p>DATE: JUNE 14, 2017</p>	
<p>ENGINEER: _____</p>	<p>JOB NUMBER: 2015-0355</p>
<p>DESIGNER: _____</p>	<p>SCALE: 1"=20'</p>
<p>DRAFTSPERSON: _____</p>	<p>C100</p>

EXISTING TOPOGRAPHIC FEATURES AND CONTOURS WERE FIELD CHECKED BY:

ENGINEER: _____
DESIGNER: _____
DRAFTSPERSON: _____

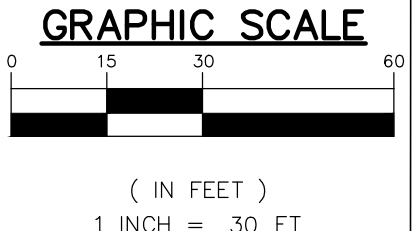


TBM NO. 2 Elev. 864.88
"x" Set on NE Hot Bolt
of Fire Hydrant (NAVD88)

TBM NO. 1 Elev. 865.61
"x" Set on NW Hot Bolt
of Fire Hydrant (NAVD88)

TBM NO. 3 Elev. 865.28
"x" Set on South Hot Bolt
of Fire Hydrant (NAVD88)

TBM NO. 4 Elev. 866.39
Square Cut in NE Cor of Conc.
Control Cabinet (NAVD88)



LEGEND
 PROPOSED PROJECT AREA

NOTES:
 1. The number of significant digits shown are for calculation purposes only and do not intend to imply the precision of the original measurements.

DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	1"=30'
C101	

6TH & MAIN STREETSCAPE	DESIGNED BY:	JAS
CITY OF AUBURN	DRAWN BY:	RJH
	DATE:	JUNE 14, 2017
210 EAST NINTH STREET	JOB NUMBER:	2015-0355
	SCALE:	1"=30'
HORIZONTAL/VERTICAL CONTROL PLAN		
AUBURN, IN 46706		

JONES PETRIE RAFINSKI your one single source	DESIGNED BY:	JAS
	DRAWN BY:	RJH
Fort Wayne, Indiana	DATE:	JUNE 14, 2017
	JOB NUMBER:	2015-0355
South Bend, Indiana	SCALE:	1"=30'
	C101	

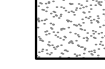

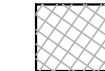

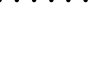

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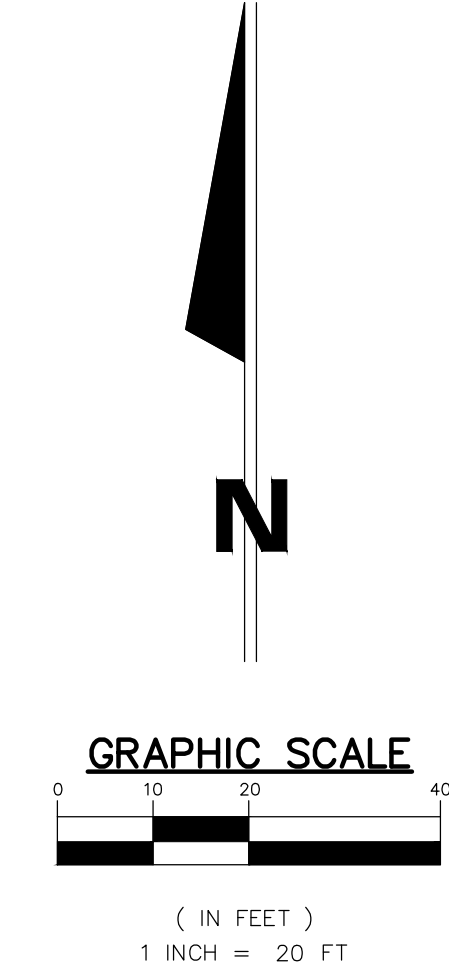
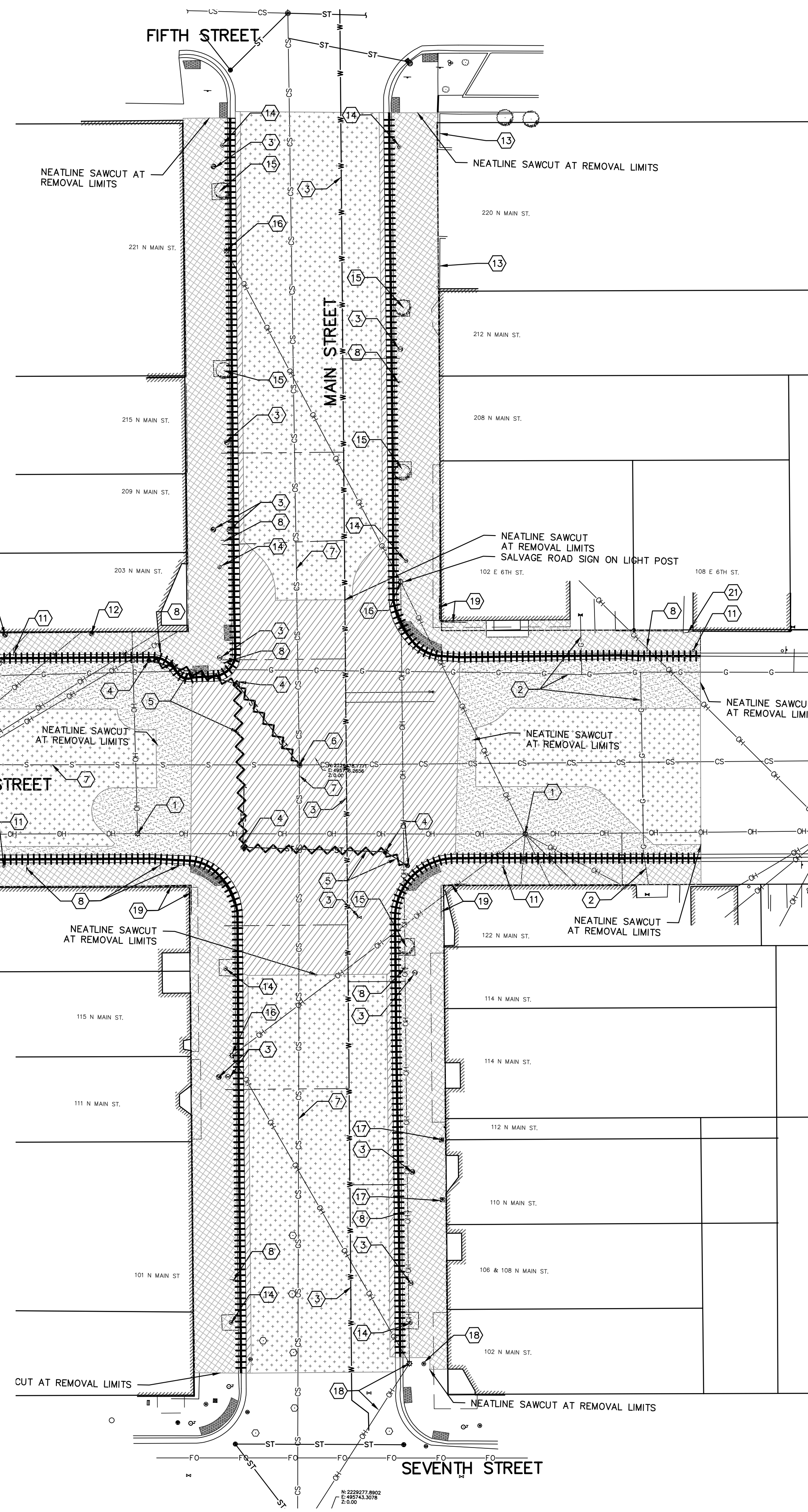
DEMOLITION NOTES:

- 1 PROTECT UTILITY POLES & OVERHEAD LINES - CITY OF AUBURN ELECTRIC IS RELOCATING THE OVERHEAD UTILITY LINES TO AN UNDERGROUND DUCT BANK AND REMOVING THE POLES DURING THE COURSE OF CONSTRUCTION FOR THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH THE AUBURN ELECTRICAL DEPARTMENT.
- 2 PROTECT GAS LINE, RESET VALVES TO PROPOSED FINISHED GRADE AS REQUIRED.
- 3 PROTECT WATER LINE, RESET VALVES TO PROPOSED FINISHED GRADE AS REQUIRED. CONTACT AND COORDINATE WITH AUBURN WATER DEPARTMENT TO ADJUST VALVES AND METER PIT CASTINGS TO GRADE.
- 4 REMOVE STORM STRUCTURE
- 5 REMOVE STORM SEWER LINE AS REQUIRED, CAP END WATER TIGHT
- 6 PROTECT SANITARY STRUCTURE - ADJUST RIM ELEVATION AS REQUIRED TO FINISHED GRADE
- 7 PROTECT SEWER LINE
- 8 SALVAGE AND RELOCATE ROAD SIGN ON NEW POLES - COORDINATE WITH DIMENSIONAL PLAN FOR LOCATION
- 9 ADJUST ELECTRICAL MANHOLE TO PROPOSED FINISHED GRADE
- 10 PROTECT EXISTING LANDSCAPING AND BOULDERS
- 11 REMOVE POST
- 12 PROTECT UTILITY METER

- 13 PROTECT EXISTING LANDSCAPE CURB
- 14 REMOVE CONCRETE PLANTER
- 15 REMOVE TREE, ROOTS & VEGETATION
- 16 REMOVE LIGHT, POLE, FOUNDATION AND OVERHEAD ELECTRIC LINE - COORDINATE WITH THE AUBURN ELECTRICAL DEPARTMENT
- 17 PROTECT STORM STRUCTURE - ADJUST RIM ELEVATION AS REQUIRED TO FINISHED GRADE
- 18 PROTECT TRAFFIC SIGNAL, FOUNDATION, MANHOLE, LIGHT AND OVERHEAD ELECTRIC SERVICE LINE.
- 19 PROTECT EXISTING CURB ALONG BUILDING WALL.
- 20 REMOVE AND REPLACE ENOUGH ASPHALT TO INSTALL PROPOSED INLETS
- 21 PROTECT CONCRETE FOUNDATION FOR WOODEN STEPS

DEMOLITION LEGEND:

-  REMOVE FULL DEPTH ASPHALT PAVEMENT. REMOVE AGGREGATE SUBBASE AS REQUIRED TO MEET FINISHED PROPOSED GRADE. NEAT LINE SAWCUT AT REMOVAL LIMITS
-  REMOVE FULL DEPTH ASPHALT PAVEMENT AND CONCRETE SUBBASE MATERIAL. REMOVE AGGREGATE SUBBASE AS REQUIRED TO MEET FINISHED PROPOSED GRADE. NEAT LINE SAWCUT AT REMOVAL LIMITS
-  REMOVE CONCRETE PAVEMENT SIDEWALK FULL DEPTH. REMOVE AGGREGATE SUBBASE AS REQUIRED TO MEET FINISHED PROPOSED GRADE. NEAT LINE SAWCUT AT REMOVAL LIMITS
-  MILL ASPHALT PAVEMENT 1-1/2" DEPTH
-  REMOVE CONCRETE CURB AND GUTTER NEAT LINE SAWCUT AT REMOVAL LIMITS
-  REMOVE UTILITY AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE ALL WORK WITH UTILITY OWNER/PROVIDER.



GENERAL NOTES:

1. OBTAIN ALL REQUIRED PERMITS AND COORDINATE INSPECTIONS FROM AUTHORITIES HAVING JURISDICTION. CONTRACTOR IS RESPONSIBLE FOR ALL PERMIT FEES, TAPPING FEES, INSPECTION FEES ETC.
2. THE CONTRACTOR SHALL COORDINATE WITH THE BUSINESS OWNERS AND PROVIDE TEMPORARY BUSINESS ACCESS AT ALL TIMES.
3. CONTRACTOR SHALL NOT INTERRUPT ANY SERVICE TO ADJACENT PROPERTIES WITHOUT WRITTEN AUTHORIZATION FROM PROPERTY OWNER.
4. EXISTING UTILITIES ARE APPROXIMATIONS BASED ON BEST AVAILABLE DATA. CAUTION SHALL BE EXERCISED TO NOT INTERRUPT SERVICE TO ANY ENTITY. EXPLORATORY TRENCH TO VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION REQUIRED BY UTILITY OWNERS TO CONSTRUCT PROJECT. PROVIDE RECORD DRAWINGS TO THE OWNER FOR BELOW GRADE IMPROVEMENTS.
5. CONTRACTOR SHALL LOCATE ALL PRIVATE UTILITIES NOT COVERED BY THE PUBLIC LOCATING SERVICE.
6. ADJUST ANY EXISTING MANHOLES, VALVES, HYDRANTS, AND HANDHOLES, LOCATED WITHIN PROJECT LIMITS TO PROPOSED FINISHED GRADES.
7. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION OF ADJACENT WORK.
8. COORDINATE ALL DEMOLITION WORK WITH OWNER AND ADJACENT BUSINESS OWNERS.
9. CONTRACTOR SHALL PROTECT EXISTING BUILDINGS, BASEMENT WALLS, AND FACADES. ANY DAMAGES THAT OCCURS AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

REV.	DESCRIPTION	BY	DATE

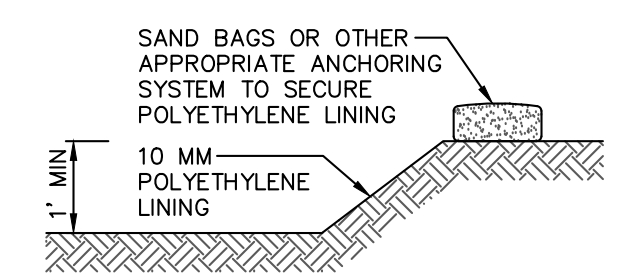
JONES PETRIE RAFINSKI
 your one single source
 Fort Wayne, Indiana
 South Bend, Indiana
 Elkhart, Indiana
 p. 574.232.1888
 p. 574.293.7762

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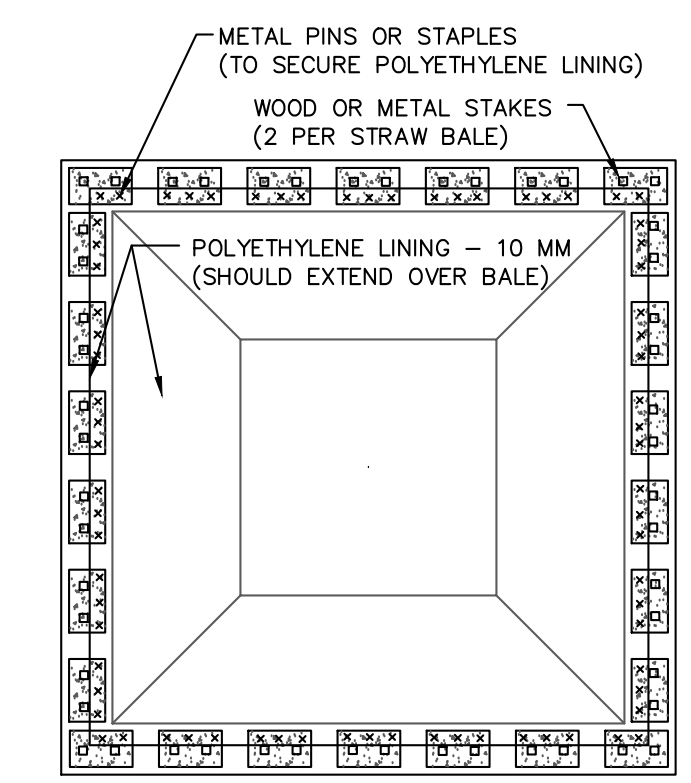
6TH & MAIN STREETSCAPE
 CITY OF AUBURN
 210 EAST NINTH STREET
 AUBURN, IN 46706
 DEMOLITION PLAN

DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	1"=20'
C102	

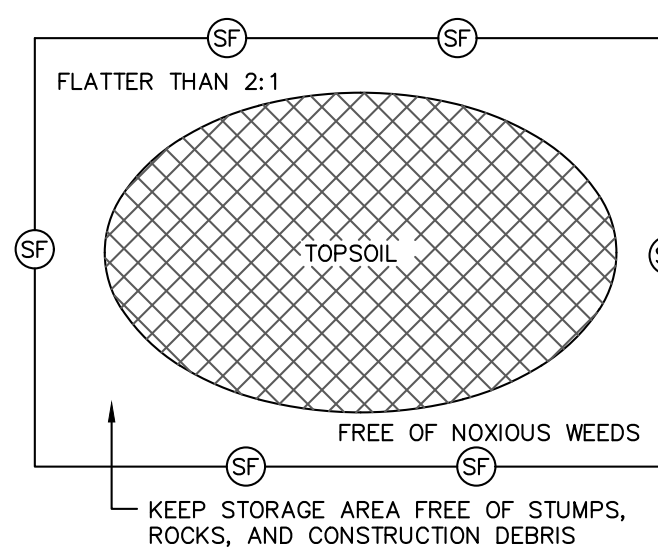
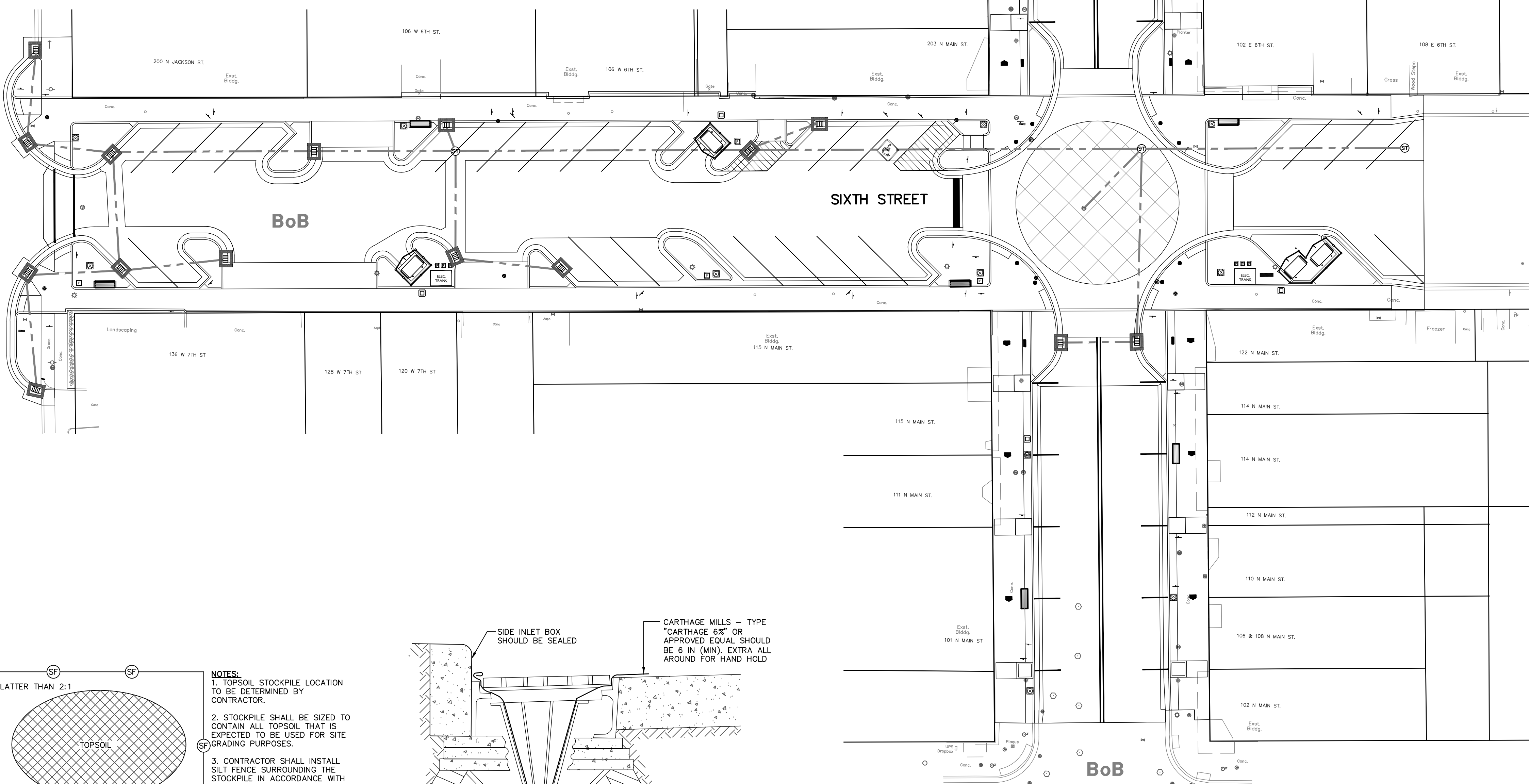
- NOTE:**
1. CONCRETE WASHOUT LOCATION TO BE DETERMINED BY CONTRACTOR. CONTRACTOR TO SELECT EITHER AN ABOVE OR BELOW GRADE SYSTEM AS DETAILED OR A PREFABRICATED WASHOUT SYSTEM/CONTAINER. ALL OTHER METHODS SHALL BE APPROVED BY THE SOIL AND WATER CONSERVATION DISTRICT PRIOR TO USE.
 2. ABOVE AND BELOW GRADE SYSTEMS SHALL BE A MINIMUM OF 10 FEET X 10 FEET AND INCLUDE A MINIMUM OF 12" OF FREE BOARD IS REQUIRED FOR BELOW GRADE AND 4" MINIMUM FOR ABOVE GRADE SYSTEMS TO ENSURE THE AREA WILL NOT OVERFLOW DURING A RAINFALL EVENT.
 3. SYSTEM SHALL BE SIZED TO CONTAIN ALL LIQUID AND WASTE THAT IS EXPECTED TO BE GENERATED BETWEEN CLEANOUT PERIODS.
 4. CONTRACTOR SHALL INSTALL THE SELECTED SYSTEM IN ACCORDANCE WITH THE INDIANA STORM WATER QUALITY MANUAL.



CONCRETE WASHOUT BELOW GRADE SYSTEM 5
NOT TO SCALE

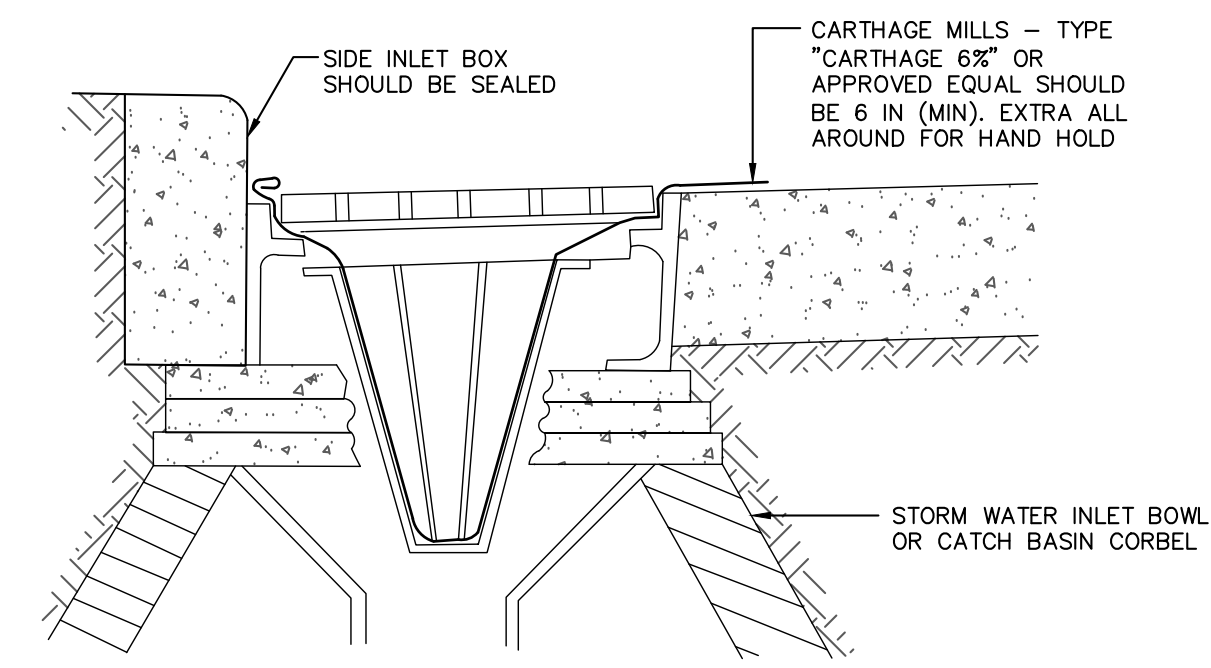


CONCRETE WASHOUT ABOVE GRADE SYSTEM 4
NOT TO SCALE

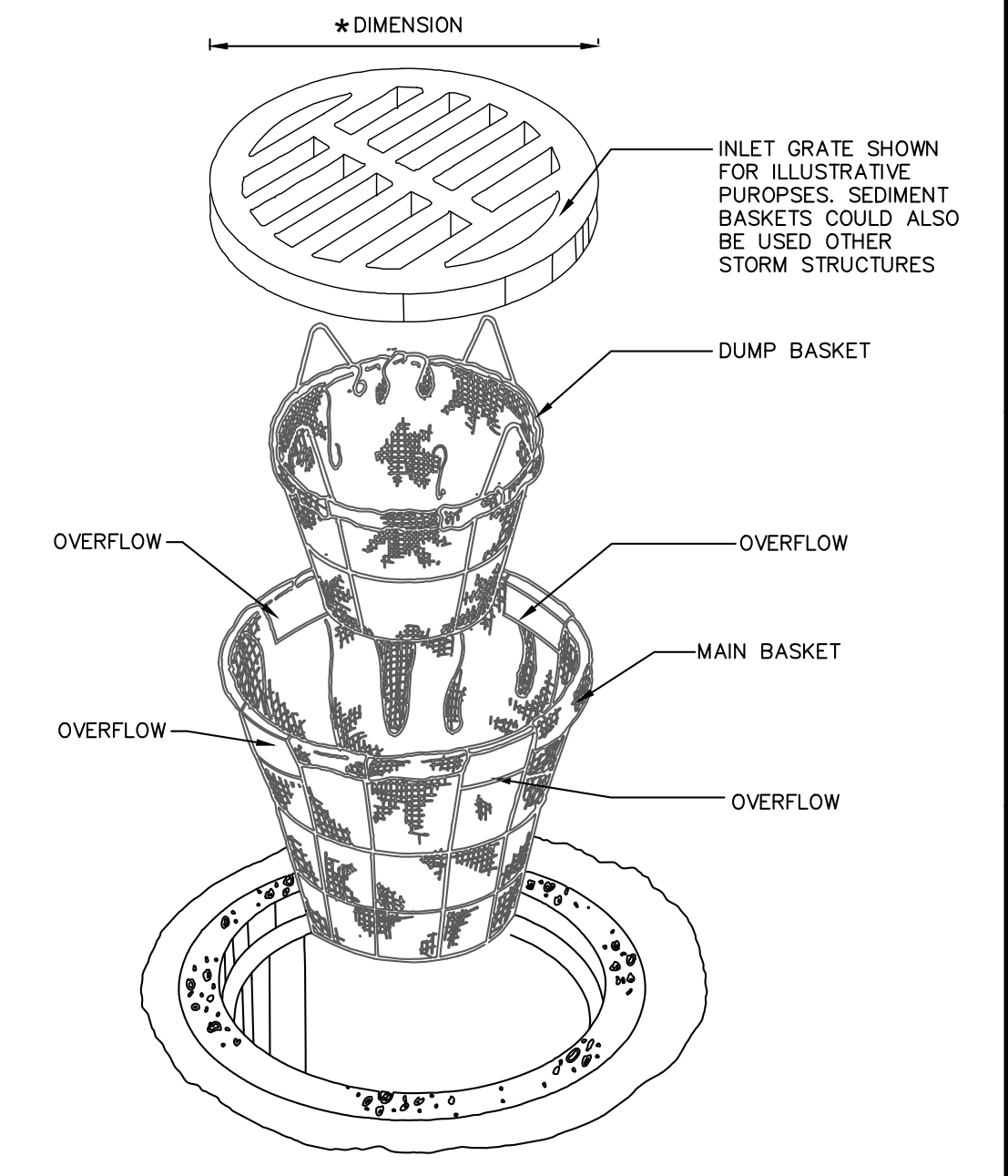
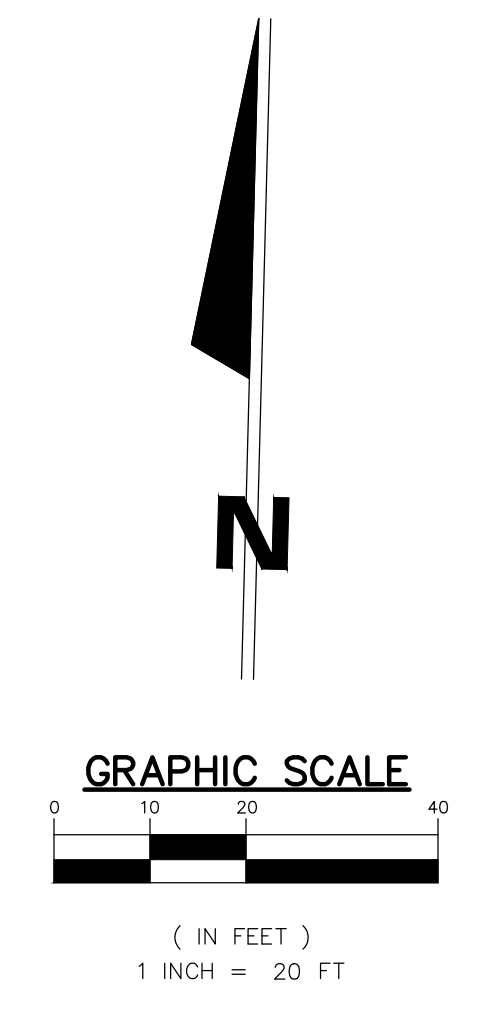


TOPSOIL STOCKPILE 3
NOT TO SCALE

- NOTES:**
1. TOPSOIL STOCKPILE LOCATION TO BE DETERMINED BY CONTRACTOR.
 2. STOCKPILE SHALL BE SIZED TO CONTAIN ALL TOPSOIL THAT IS EXPECTED TO BE USED FOR SITE GRADING PURPOSES.
 3. CONTRACTOR SHALL INSTALL SILT FENCE SURROUNDING THE STOCKPILE IN ACCORDANCE WITH THE INDIANA STORM WATER QUALITY MANUAL.

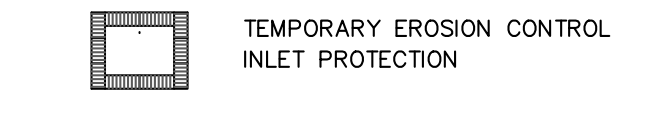


CURB INLET PROTECTION 2
NOT TO SCALE



INSERT BASKET INLET PROTECTION 1
NOT TO SCALE

EROSION CONTROL LEGEND



SOILS LEGEND

BoB BOYER SANDY LOAM, 1 TO 6% SLOPES

HAZ-MAT/CHEMICAL SPILL NOTIFICATION

State Fire Marshals Office:
1-800-669-7362

IDEM Environmental Emergencies:
1-888-233-7745

PETROLEUM PRODUCT SPILLS IN THE AMOUNT OF 55 GALLONS OR MORE MUST BE REPORTED TO IDEM REGARDLESS OF CLEANUP METHODS.

HYDROLOGIC UNIT CODE:
0410000308050

LATITUDE / LONGITUDE:
41°22'02"N / 85°03'27"W

REV.	DESCRIPTION	BY	DATE

JONES PETRIE RAFINSKI
your one single source

South Bend, Indiana
P: 574.232.4188

Elkhart, Indiana
P: 574.293.7762

Fort Wayne, Indiana
P: 260.422.2322

PRELIMINARY FOR 90% REVIEW PURPOSES ONLY

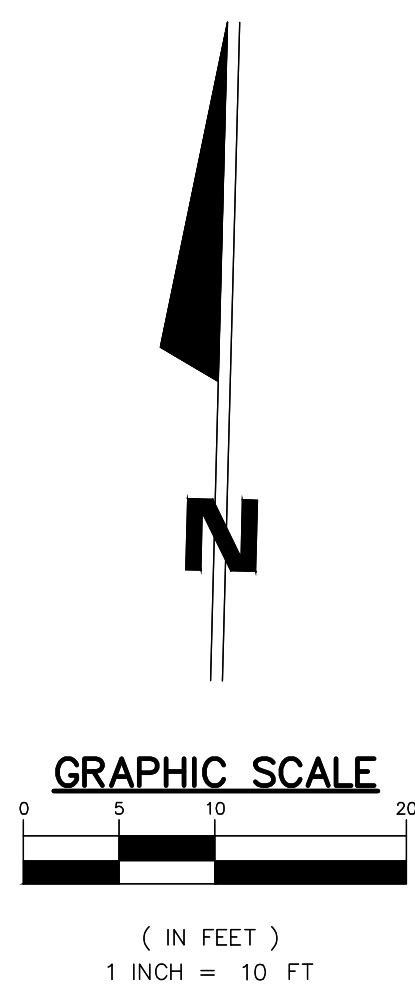
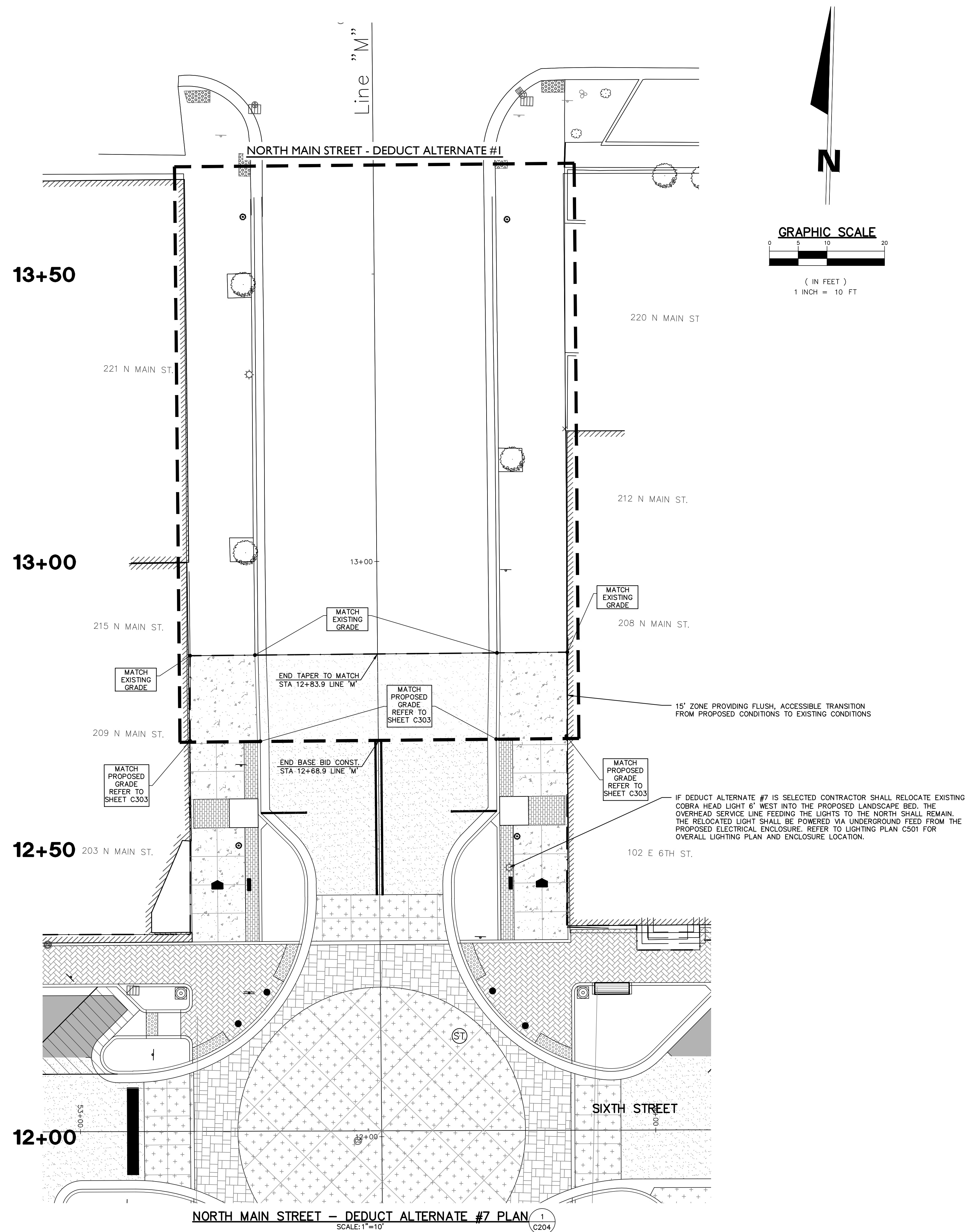
6TH & MAIN STREETSCAPE
CITY OF AUBURN
210 EAST NINTH STREET
AUBURN, IN 46706

EROSION CONTROL PLAN & DETAILS

DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	1"=20'
C103	

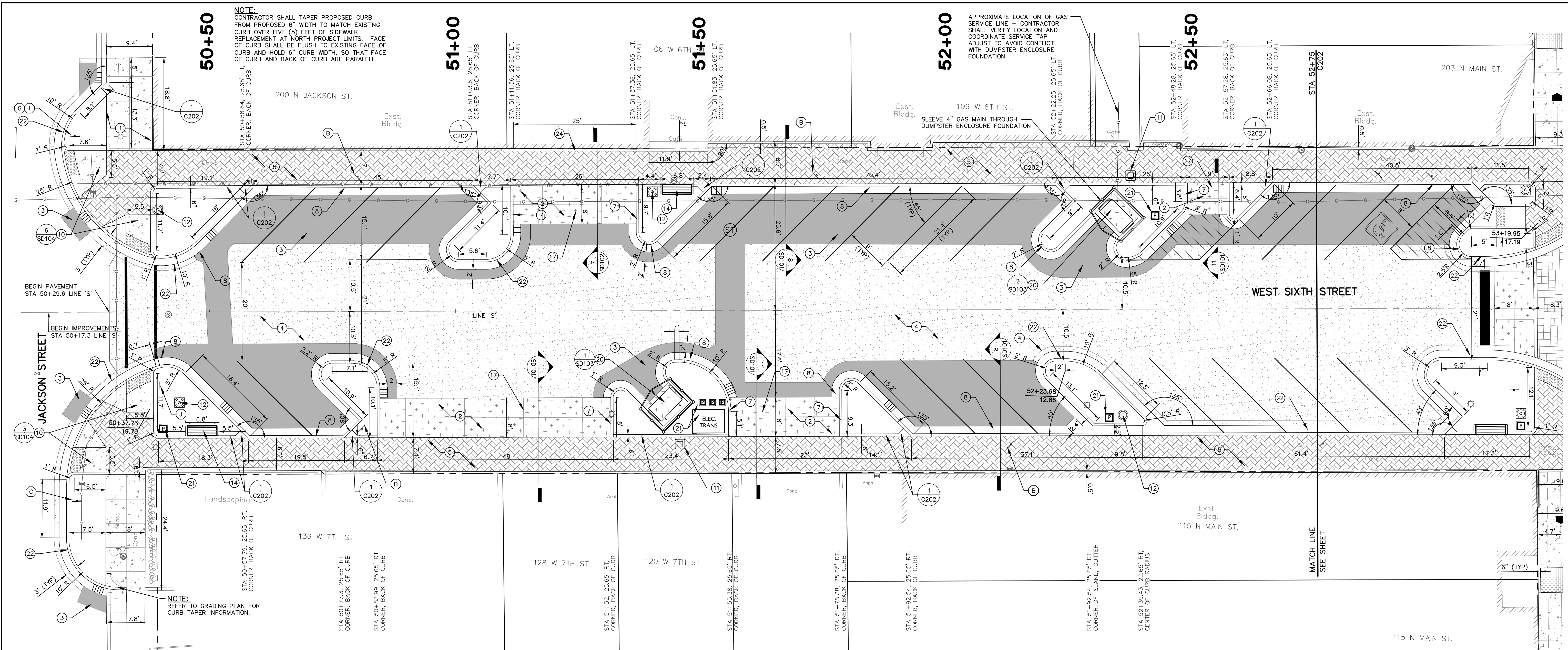
NORTH MAIN STREET – DEDUCT ALTERNATE #7 NOTES:

1. PROPOSED DESIGN ELEMENTS SHOWN ON SHEET C203 TO END AT STATION 12+69 ON LINE "M".
2. EXISTING CONDITIONS SHALL BE PROTECTED FROM STATION 12+84 ON LINE "M" NORTHWARD.
3. A 15' TRANSITION ZONE SHALL BE PROVIDED FROM STATION 12+69 TO STATION 12+84 ON LINE "M". THE TRANSITION ZONE SHALL CONSIST OF CONCRETE WALKS (DETAIL 5/SD101), WITH SPILLOVER CURB AND GUTTER (DETAIL 4/SD101), AND MILL AND RESURFACED ASPHALT (DETAIL 6/SD101) WITHIN THE ROADWAY.
4. FLUSH TRANSITIONS SHALL BE PROVIDED AT BOTH STATION 12+69 AND STATION 12+84 ON LINE "M".
5. ALL CONCRETE WALKS SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS.
6. NO SLOPE WITHIN THE TRANSITION ZONE SHALL EXCEED 4.9%.



NORTH MAIN STREET – DEDUCT ALTERNATE #7 PLAN
SCALE: 1"=10'
1
C204

DESIGNED BY: JAS	
DRAWN BY: RJH	
DATE: JUNE 14, 2017	
JOB NUMBER: 2015-0355	
SCALE: 1"=10'	
C104	
<p>6TH & MAIN STREETSCAPE CITY OF AUBURN 210 EAST NINTH STREET AUBURN, IN 46706</p>	
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<p>JONES PETRIE RAFINSKI your one single source</p> <p>Elkhart, Indiana p. 574.293.7762 South Bend, Indiana p. 574.232.4888 Fort Wayne, Indiana p. 260.422.2522</p>	
REV	DESCRIPTION
BY	DATE



NOTE:
CONTRACTOR SHALL TAPER PROPOSED CURB FROM PROPOSED 6" WIDTH TO MATCH EXISTING CURB OVER FIVE (5) FEET OF SIDEWALK REPLACEMENT AT NORTH PROJECT LIMITS. FACE OF CURB SHALL BE FLUSH TO EXISTING FACE OF CURB AND HOLD 6" CURB WIDTH, SO THAT FACE OF CURB AND BACK OF CURB ARE PARALLEL.

APPROXIMATE LOCATION OF GAS SERVICE LINE - CONTRACTOR SHALL VERIFY LOCATION AND COORDINATE SERVICE TAP ADJUST TO AVOID CONFLICT WITH DUMPSTER ENCLOSURE FOUNDATION

NOTE:
REFER TO GRADING PLAN FOR CURB TAPER INFORMATION.

DETAILS LEGEND:

- 1 CONCRETE PAVEMENT, STANDARD 4" THICK, LIGHT BROOM FINISH CONTROL JOINTS 10' O.C., MAXIMUM AND EXPANSION JOINTS 60' O.C., MAXIMUM.
- 2 CONCRETE PAVEMENT, STANDARD 8" THICK MEDIUM BROOM FINISH CONTROL JOINTS 10' O.C., MAXIMUM AND EXPANSION JOINTS 60' O.C., MAXIMUM.
- 3 ASPHALT PAVEMENT
1" HMA SURFACE #11 OVER
3" HMA BINDER #8 OVER
3" #53 COMPACTED CRUSHED LIMESTONE, OVER 7" MIN. OF #1 OR #2 CRUSHED LIMESTONE CHOKED W/ #10 FF'S SUBBASE OVER COMPACTED SUBGRADE
- 4 ASPHALT PAVEMENT
MILL AND RESURFACE 1-1/2" DEPTH, WEDGE AS NOTED ON PLANS
- 5 HOLLANDSTONE PREMIER WITH ENDURACOLOR SMOOTH FINISH (6CM THICKNESS) BY UNILOCK, HERRINGBONE AND RUNNING BOND PATTERN AS SHOWN ON PLANS, COLOR: RUSTIC RED WITH BLACK JOINTING SAND, SMOOTH FINISH
- 6 IL CAMPO BRICK PAVERS BY UNILOCK, HERRINGBONE PATTERN L, COLOR: HERITAGE BROWN WITH TAN SETTING SAND AND SEALER
- 7 STANDARD CURB
- 8 STANDARD CURB AND GUTTER
- 9 SIDEWALK TRANSITION
- 10 PERPENDICULAR CURB RAMP ADJACENT WALKABLE SURFACE
- 11 TRASH RECEPTACLE
- 12 LIGHT FIXTURE
- 13 BACKLESS BENCH
- 14 BACKED BENCH

- DETAIL 5 / SD101
- DETAIL 1 / SD101
- DETAIL 2 / SD101
- DETAIL 6 / SD101
- DETAIL 8 / SD101
- DETAIL 7 / SD101
- DETAIL 9 / SD101
- DETAIL 3 / SD101
- DETAILS 1,2,4,5 / SD104
- DETAILS 3 & 6 / SD104
- PROVIDED BY OWNER
- REFER TO LIGHTING PLAN
- DETAIL 3 / SD102
- DETAIL 2 / SD102

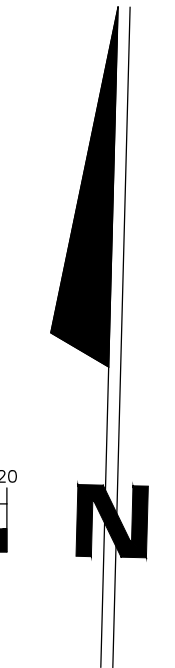
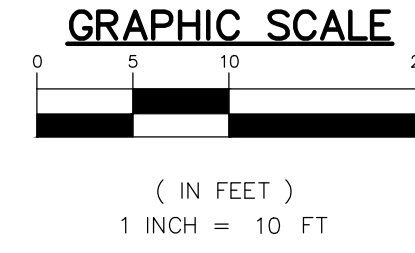
ADD ALTERNATE #1

- 15 BIKE RACK (4 TOTAL)
- 16 DECORATIVE BOLLARD (8 TOTAL)
- 17 TRANSITION RAMP DETAIL (10 TOTAL)
- 18 TREE GRATE
- 19 HISTORICAL MEDALLION
- 20 DUMPSTER ENCLOSURE
- 21 ELECTRICAL TRANSFORMER AND UTILITY PEDESTALS BY AUBURN ELECTRIC DEPARTMENT - VERIFY LOCATION
- 22 SPILLOVER CURB AND GUTTER (2 TOTAL)
- 23 CURBED PLANTER
- 24 ROLLED CURB AND GUTTER
- 25 ADA PARKING RAMP

SIGN LEGEND:

- A STOP SIGN
- B 2 HR PARKING
- C ONE-WAY
- D DO-NOT-ENTER
- E ADA-VAN ACCESSIBLE SIGN
- F HOSPITAL
- G NO LEFT TURN
- H NO RIGHT TURN
- I STREET SIGN
- J DOWNTOWN AUBURN HISTORIC DISTRICT SIGN

- DETAIL 4 / SD102 (PROVIDED BY OTHERS, INSTALLED BY CONTRACTOR)
- DETAIL 1 / SD102
- DETAIL 11 / SD101
- DETAILS 6 / SD102
- DETAIL 10 / SD101
- DETAILS 1-3 / SD103
- DETAIL 4 / SD101
- DETAIL 8 / SD102
- DETAIL 7 / SD102
- DETAIL 8 / SD104
- DETAIL 12 / SD101
- DETAIL 12 / SD101
- DETAIL 12 / SD101
- DETAIL 12 / SD101
- DETAIL 12 / SD101
- DETAIL 12 / SD101
- DETAIL 12 / SD101
- DETAIL 12 / SD101
- DETAIL 12 / SD101
- DETAIL 12 / SD101
- DETAIL 12 / SD101



DESIGNED BY:	JAS						
DRAWN BY:	RJH						
DATE:	JUNE 14, 2017						
JOB NUMBER:	2015-0355						
SCALE:	1"=10'						
6TH & MAIN STREETSCAPE		CITY OF AUBURN		210 EAST NINTH STREET		AUBURN, IN 46706	
DIMENSIONAL PLAN - SIXTH STREET							
C201							

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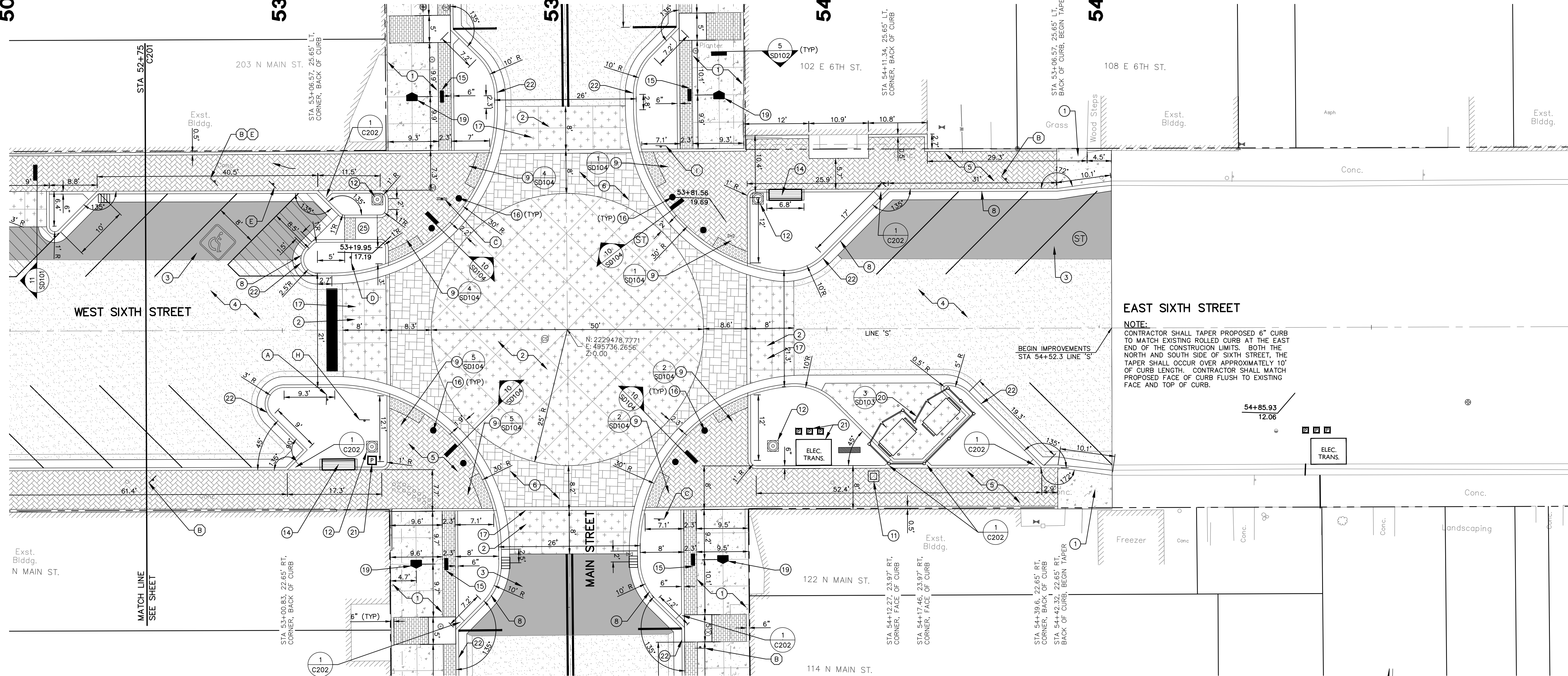
50+50

53+00

53+50

54+00

54+50



EAST SIXTH STREET

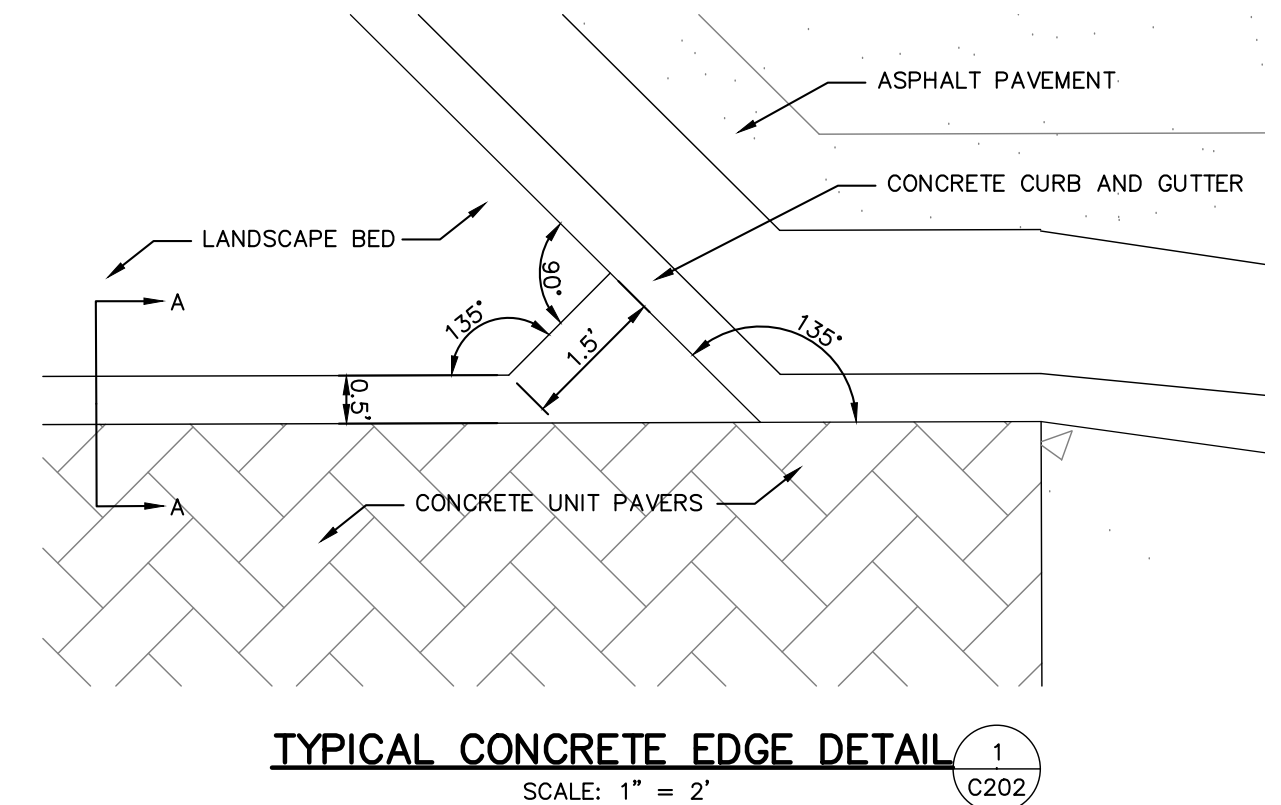
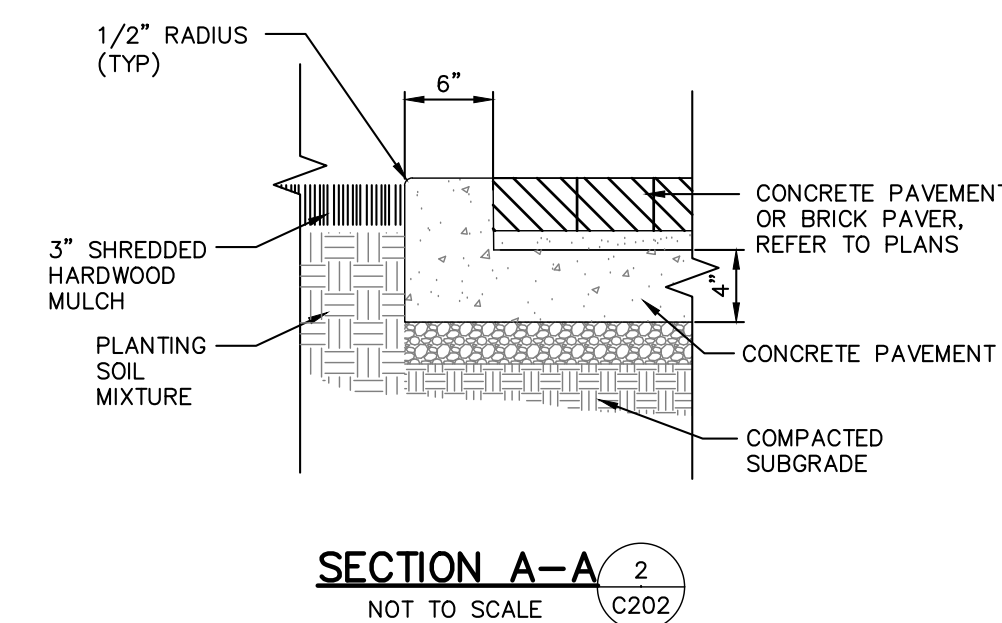
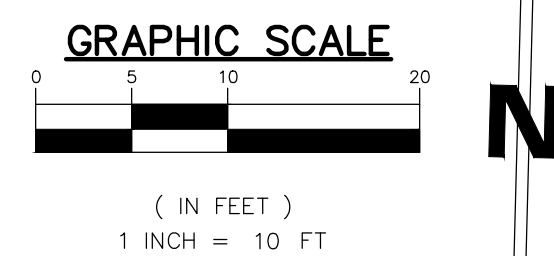
WEST SIXTH STREET

MAIN STREET

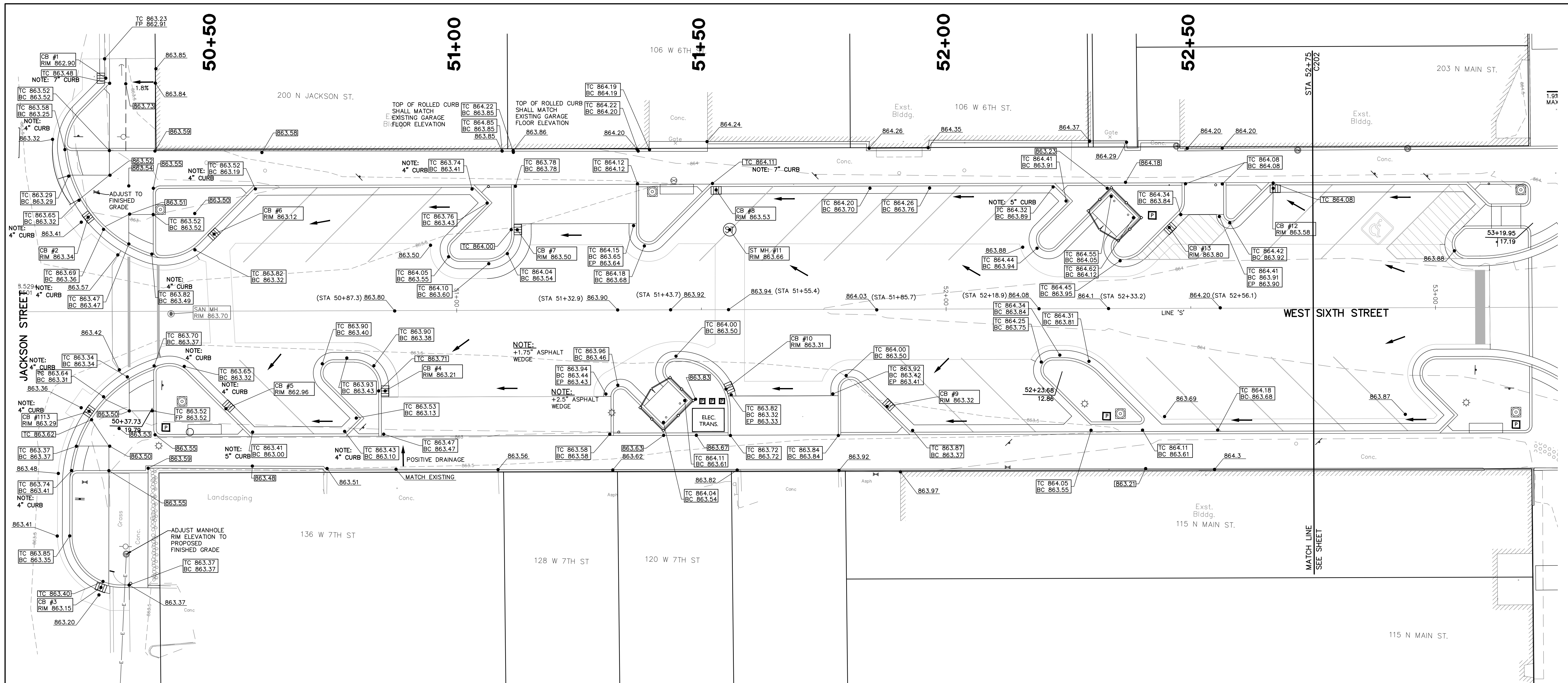
- DETAILS LEGEND:**
- 1 CONCRETE PAVEMENT, STANDARD 4" THICK, LIGHT BROOM FINISH CONTROL JOINTS 10' O.C., MAXIMUM AND EXPANSION JOINTS 60' O.C., MAXIMUM.
 - 2 CONCRETE PAVEMENT, STANDARD 8" THICK MEDIUM BROOM FINISH CONTROL JOINTS 10' O.C., MAXIMUM AND EXPANSION JOINTS 60' O.C., MAXIMUM.
 - 3 ASPHALT PAVEMENT
1" HMA SURFACE #1 OVER
3" HMA BINDER #8 OVER
3" #53 COMPACTED CRUSHED LIMESTONE,
OVER 1" MIN. OF #1 OR #2 CRUSHED
LIMESTONE CHOKED W/ #10 FFS
SUBBASE OVER COMPACTED SUBGRADE
 - 4 ASPHALT PAVEMENT
MILL AND RESURFACE 1-1/2" DEPTH,
WEDGE AS NOTED ON PLANS
 - 5 HOLLANDSTONE PREMIER WITH ENDURACOLOR
SMOOTH FINISH (6CM THICKNESS) BY UNILOCK,
HERRINGBONE AND RUNNING BOND PATTERN
AS SHOWN ON PLANS, COLOR: RUSTIC RED
WITH BLACK JOINTING SAND, SMOOTH FINISH
 - 6 IL CAMPO BRICK PAVERS BY UNILOCK,
HERRINGBONE PATTERN L, COLOR: HERITAGE
BROWN WITH TAN SETTING SAND AND SEALER
 - 7 STANDARD CURB
 - 8 STANDARD CURB AND GUTTER
 - 9 SIDEWALK TRANSITION
 - 10 PERPENDICULAR CURB RAMP
ADJACENT WALKABLE SURFACE
 - 11 TRASH RECEPTACLE
 - 12 LIGHT FIXTURE
 - 13 BACKLESS BENCH
 - 14 BACKED BENCH

- DETAILS LEGEND (continued):**
- 15 BIKE RACK
 - 16 DECORATIVE BOLLARD
 - 17 TRANSITION RAMP DETAIL
 - 18 TREE GRATE
 - 19 HISTORICAL MEDALLION
 - 20 DUMPSTER ENCLOSURE
 - 21 ELECTRICAL TRANSFORMER AND UTILITY
PEDESTALS BY AUBURN ELECTRIC
DEPARTMENT - VERIFY LOCATION
 - 22 SPILLOVER CURB AND GUTTER
 - 23 CURBED PLANTER
 - 24 ROLLED CURB AND GUTTER
 - 25 ADA PARKING RAMP
- SIGN LEGEND:**
- A STOP SIGN
 - B 2 HR PARKING
 - C ONE-WAY
 - D DO-NOT-ENTER
 - E ADA-VAN ACCESSIBLE SIGN
 - F HOSPITAL
 - G NO LEFT TURN
 - H NO RIGHT TURN
 - I STREET SIGN
 - J DOWNTOWN AUBURN HISTORIC DISTRICT SIGN

NOTE:
CONTRACTOR SHALL TAPER PROPOSED 6" CURB TO MATCH EXISTING ROLLED CURB AT THE EAST END OF THE CONSTRUCTION LIMITS. BOTH THE NORTH AND SOUTH SIDE OF SIXTH STREET, THE TAPER SHALL OCCUR OVER APPROXIMATELY 10' OF CURB LENGTH. CONTRACTOR SHALL MATCH PROPOSED FACE OF CURB FLUSH TO EXISTING FACE AND TOP OF CURB.



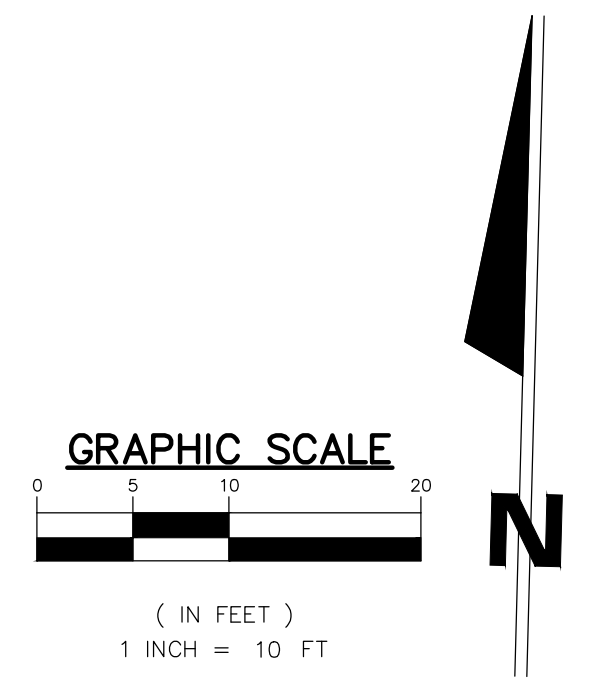
<p>JONES PETRIE RAFINSKI your one single source</p> <p>For: Wayne, Indiana P: 264.422.2322</p> <p>South Bend, Indiana P: 574.232.1888</p> <p>Elkhart, Indiana P: 574.293.7762</p>	
<p>PRELIMINARY FOR 90% REVIEW PURPOSES ONLY</p>	
<p>6TH & MAIN STREETScape CITY OF AUBURN 210 EAST NINTH STREET AUBURN, IN 46706</p>	
<p>DESIGNED BY: JAS</p> <p>DRAWN BY: RJH</p> <p>DATE: JUNE 14, 2017</p> <p>JOB NUMBER: 2015-0355</p> <p>SCALE: 1"=10'</p>	
<p>C202</p>	



NOTE:
 1. ASPHALT WEDGE ALONG GUTTER LINE SHALL BE TRANSITIONED UNIFORMLY AND SMOOTHLY TO ELIMINATE ANY ABRUPT CHANGE IN PAVEMENT ELEVATION AND THICKNESS, IN ORDER TO PREVENT ANY PONDING.
 2. CONTRACTOR SHALL CONTACT THE AUBURN WATER DEPARTMENT IN ORDER TO ADJUST WATER VALVE BOXES AND METER PIT CASTINGS AS REQUIRED.
 3. THE CONTRACTOR SHALL ADJUST GRADES AND CURB ELEVATIONS WITH APPROVAL OF ENGINEER AS REQUIRED IN ORDER TO MATCH INTO EXISTING CONDITIONS, MAINTAIN POSITIVE DRAINAGE AND NOT EXCEED A 1.9% CROSS SLOPE IN THE SIDEWALK.

LEGEND

—XXX—XX	EXISTING GRADE
-XXX-XX	PROPOSED GRADE
▣	PROPOSED CATCH BASIN/STORM INLET
⊙	PROPOSED CATCH BASIN/STORM INLET
⊗	PROPOSED STORM MANHOLE
---	PROPOSED GRADE BREAK
TC	PROPOSED TOP OF CURB
BC	BOTTOM OF CURB
FP	PROPOSED FINISHED PAVEMENT



REV	DESCRIPTION	BY	DATE

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For: Wayne, Indiana
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 P: 574.332.4188

Elkhart, Indiana
 P: 574.293.7762

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6TH & MAIN STREETSCAPE
 CITY OF AUBURN
 210 EAST NINTH STREET
 AUBURN, IN 46706
 GRADING PLAN - WEST SIXTH STREET

DESIGNED BY: JAS
 DRAWN BY: RJH
 DATE: JUNE 14, 2017
 JOB NUMBER: 2015-0355
 SCALE: 1"=10'
 C301

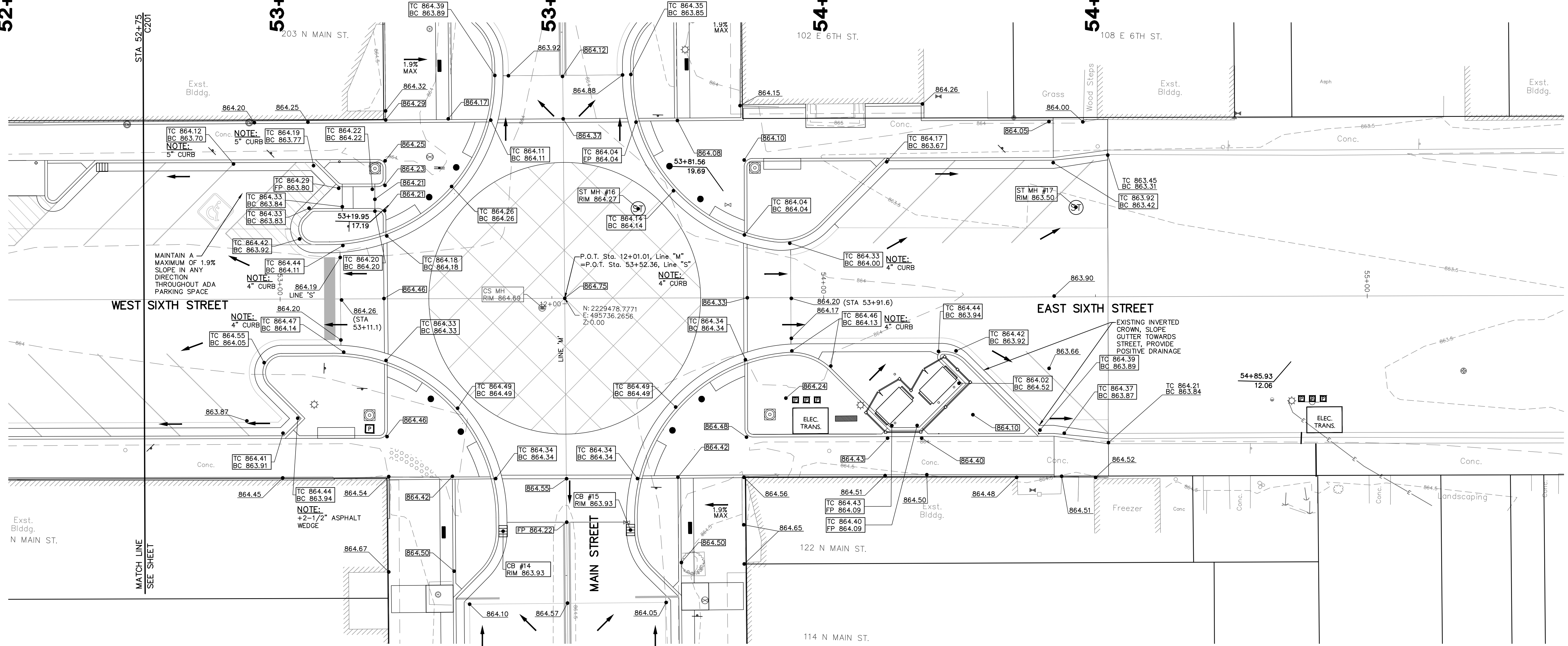
52+50

53+00

53+50

54+00

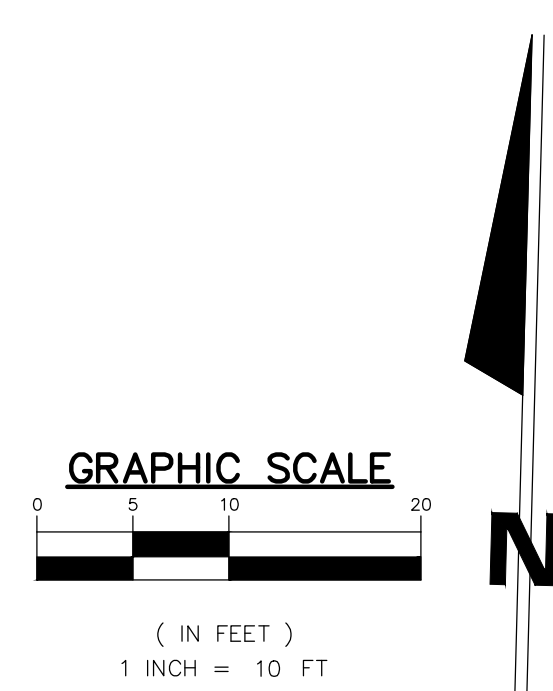
54+50



NOTE:
 1. ASPHALT WEDGE ALONG GUTTER LINE SHALL BE TRANSITIONED UNIFORMLY AND SMOOTHLY TO ELIMINATE ANY ABRUPT CHANGE IN PAVEMENT ELEVATION AND THICKNESS, IN ORDER TO PREVENT ANY PONDING.
 2. CONTRACTOR SHALL CONTACT THE AUBURN WATER DEPARTMENT IN ORDER TO ADJUST WATER VALVE BOXES AND METER PIT CASTINGS AS REQUIRED.
 3. THE CONTRACTOR SHALL ADJUST GRADES AND CURB ELEVATIONS WITH APPROVAL OF ENGINEER AS REQUIRED IN ORDER TO MATCH INTO EXISTING CONDITIONS, MAINTAIN POSITIVE DRAINAGE AND NOT EXCEED A 1.9% CROSS SLOPE IN THE SIDEWALK.

LEGEND

XXX.XX	EXISTING GRADE
XXX.XX	PROPOSED GRADE
⊠	PROPOSED CATCH BASIN/STORM INLET
⊗	PROPOSED CATCH BASIN/STORM INLET
⊙	PROPOSED STORM MANHOLE
---	PROPOSED GRADE BREAK
TC	PROPOSED TOP OF CURB
FP	PROPOSED FINISHED PAVEMENT



REV	DESCRIPTION	BY	DATE

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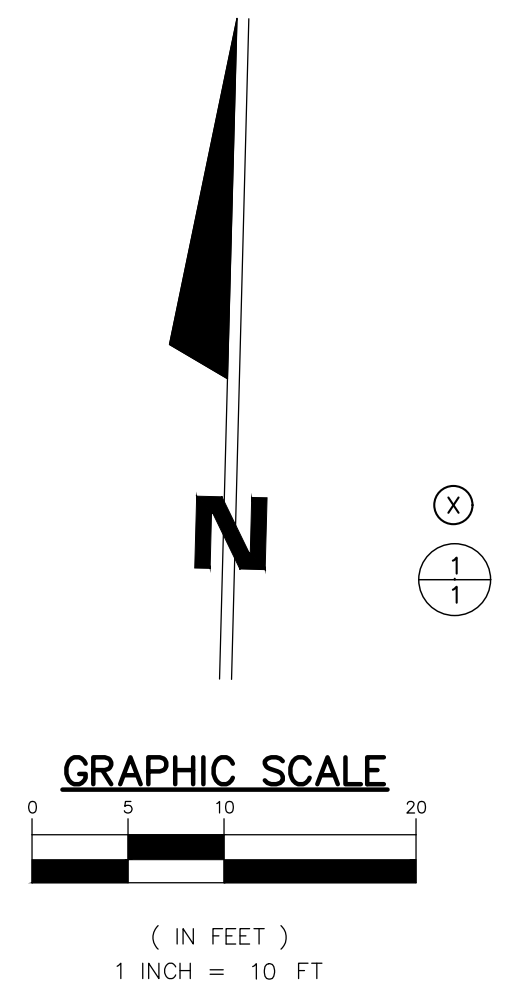
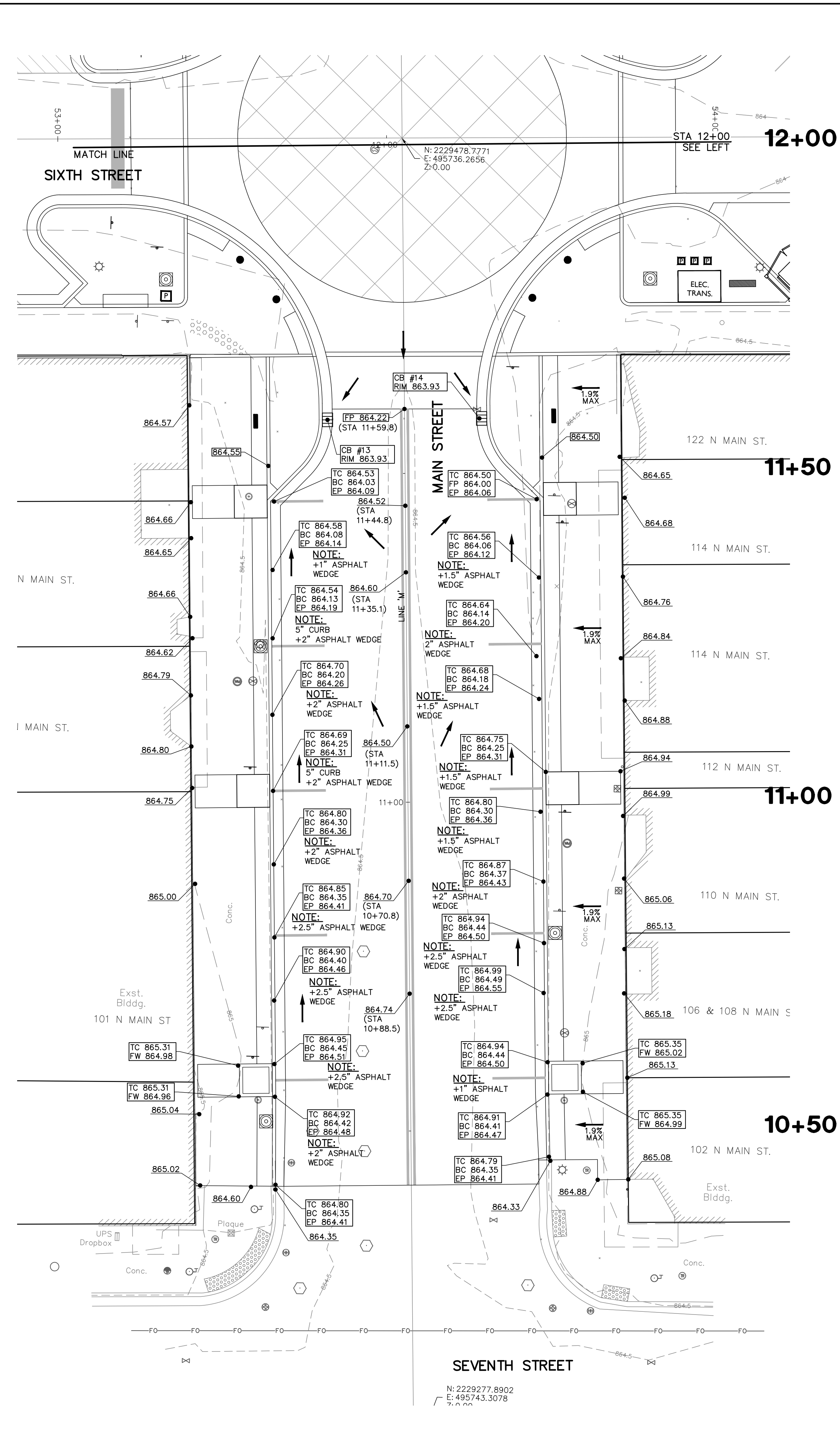
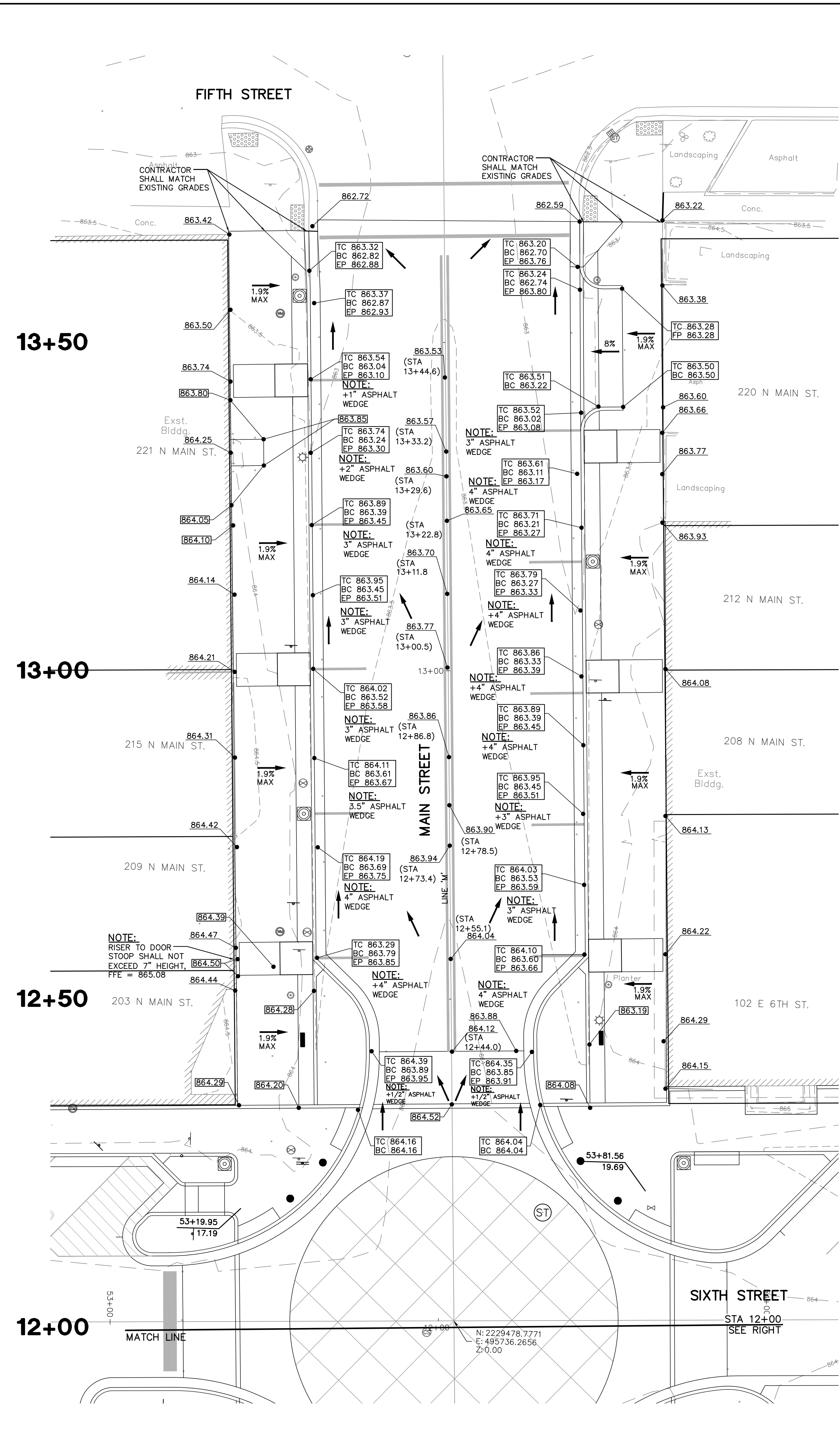
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Elkhart, Indiana
 P: 574.293.7762

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6TH & MAIN STREETSCAPE
 CITY OF AUBURN
 210 EAST NINTH STREET
 AUBURN, IN 46706
 GRADING PLAN - EAST SIXTH STREET

DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	1"=10'
C302	



LEGEND

XXX.XX	EXISTING GRADE
XXX.XX	PROPOSED GRADE
⊗	PROPOSED CATCH BASIN/STORM INLET
⊗	PROPOSED CATCH BASIN/STORM INLET
⊗	PROPOSED STORM MANHOLE
---	PROPOSED GRADE BREAK
TC	PROPOSED TOP OF CURB
BC	BOTTOM OF CURB
EP	EDGE OF PAVEMENT
FP	PROPOSED FINISHED PAVEMENT
FW	PROPOSED FINISHED WALK GRADE
HP	PROPOSED HIGH POINT

NOTE:

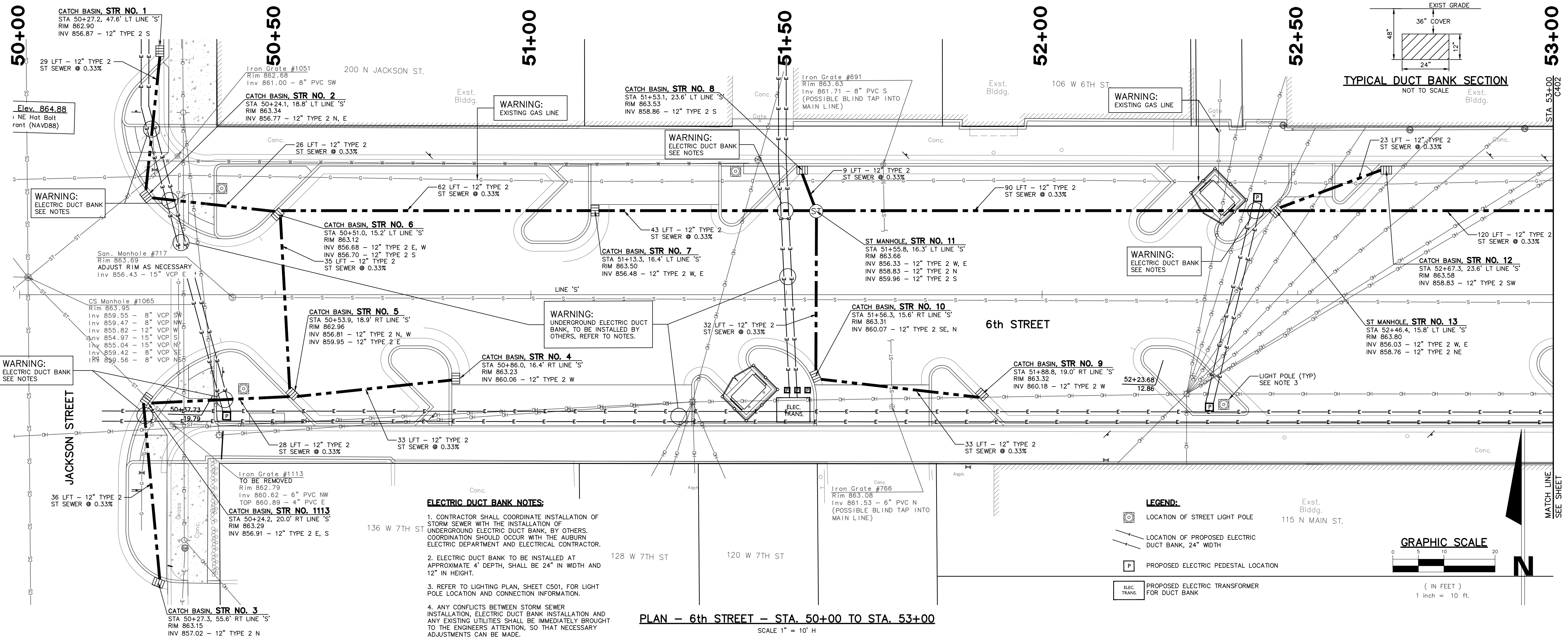
1. ASPHALT WEDGE ALONG GUTTER LINE SHALL BE TRANSITIONED UNIFORMLY AND SMOOTHLY TO ELIMINATE ANY ABRUPT CHANGE IN PAVEMENT ELEVATION AND THICKNESS, IN ORDER TO PREVENT ANY PONDING.
2. CONTRACTOR SHALL CONTACT THE AUBURN WATER DEPARTMENT IN ORDER TO ADJUST WATER VALVE BOXES AND METER PIT CASTINGS AS REQUIRED.
3. THE CONTRACTOR SHALL ADJUST GRADES AND CURB ELEVATIONS WITH APPROVAL OF ENGINEER AS REQUIRED IN ORDER TO MATCH INTO EXISTING CONDITIONS. MAINTAIN POSITIVE DRAINAGE AND NOT EXCEED A 1.9% CROSS SLOPE IN THE SIDEWALK.

DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	1"=10'
C303	

PROJECT:	6TH & MAIN STREETSCAPE
CITY:	CITY OF AUBURN
LOCATION:	AUBURN, IN 46706
PLAN:	GRADING PLAN - NORTH MAIN STREET

REVISION:	NO. 1	DESCRIPTION:	DATE:

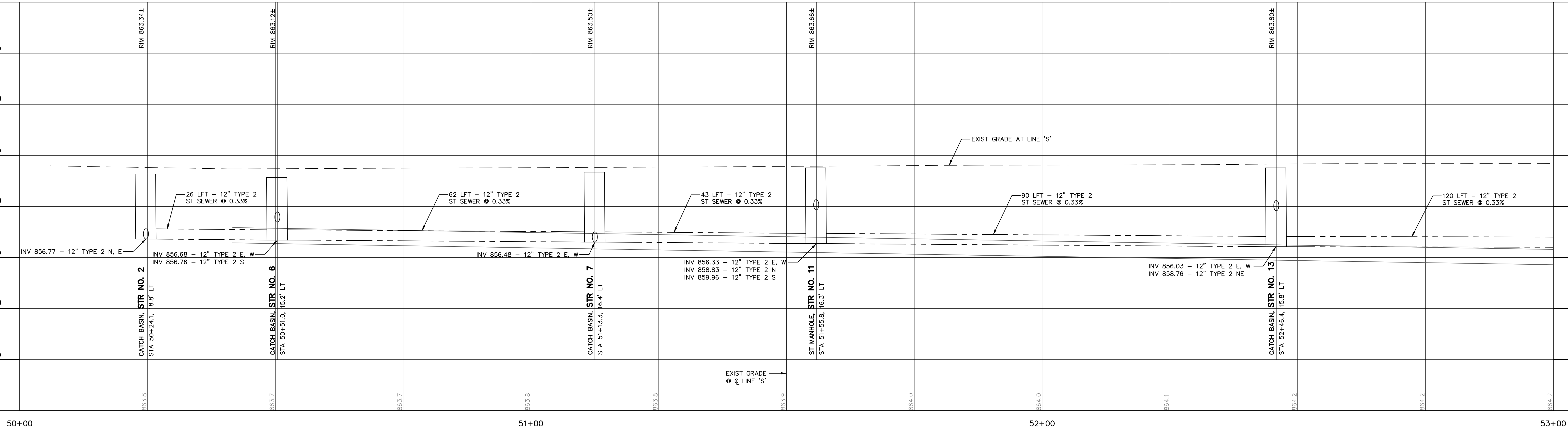
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ELECTRIC DUCT BANK NOTES:

- CONTRACTOR SHALL COORDINATE INSTALLATION OF STORM SEWER WITH THE INSTALLATION OF UNDERGROUND ELECTRIC DUCT BANK, BY OTHERS. COORDINATION SHOULD OCCUR WITH THE AUBURN ELECTRIC DEPARTMENT AND ELECTRICAL CONTRACTOR.
- ELECTRIC DUCT BANK TO BE INSTALLED AT APPROXIMATE 4' DEPTH, SHALL BE 24" IN WIDTH AND 12" IN HEIGHT.
- REFER TO LIGHTING PLAN, SHEET CS01, FOR LIGHT POLE LOCATION AND CONNECTION INFORMATION.
- ANY CONFLICTS BETWEEN STORM SEWER INSTALLATION, ELECTRIC DUCT BANK INSTALLATION AND ANY EXISTING UTILITIES SHALL BE IMMEDIATELY BROUGHT TO THE ENGINEERS ATTENTION, SO THAT NECESSARY ADJUSTMENTS CAN BE MADE.

PLAN - 6th STREET - STA. 50+00 TO STA. 53+00
SCALE 1" = 10' H



PROFILE - 6th STREET - STA. 50+00 TO STA. 53+00
SCALE 1" = 10' H, 5' V

DATE	
BY	
DESCRIPTION	
REV	

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6TH & MAIN STREETSCAPE
CITY OF AUBURN
210 EAST NINTH STREET
AUBURN, IN 46706

UTILITY PLAN & PROFILE - WEST 6th STREET

DESIGNED BY: JAS
DRAWN BY: RJH
DATE: JUNE 14, 2017
JOB NUMBER: 2015-0355
SCALE: 1"=10'H; 1"=5'V

C401

53+00

53+50

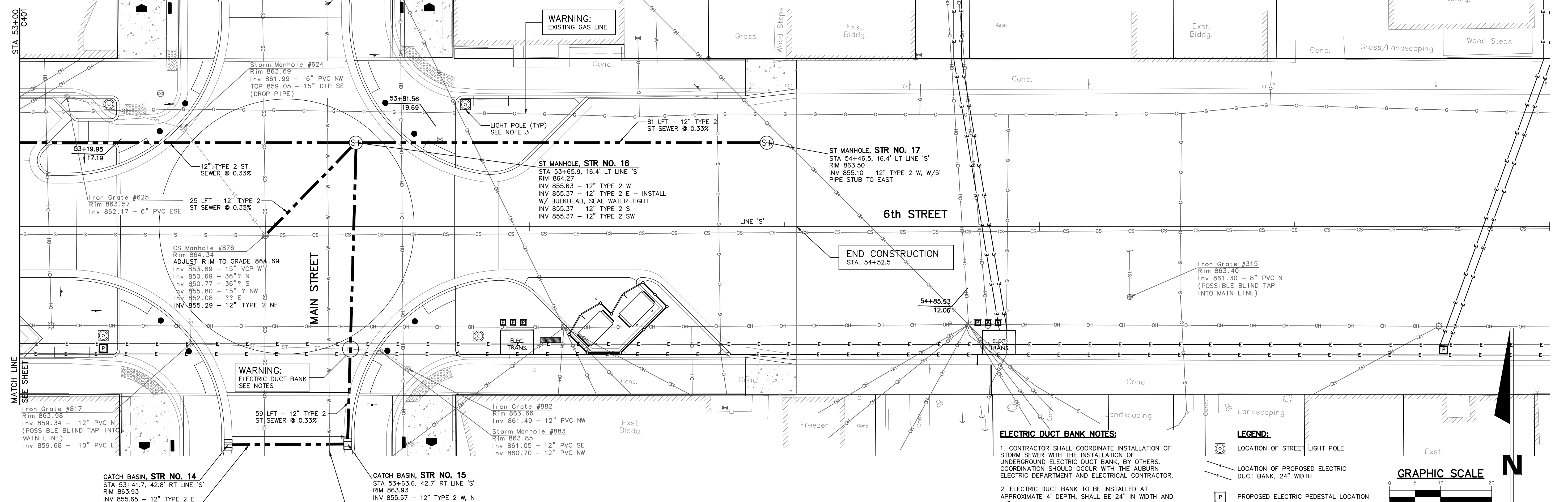
54+00

54+50

55+00

55+50

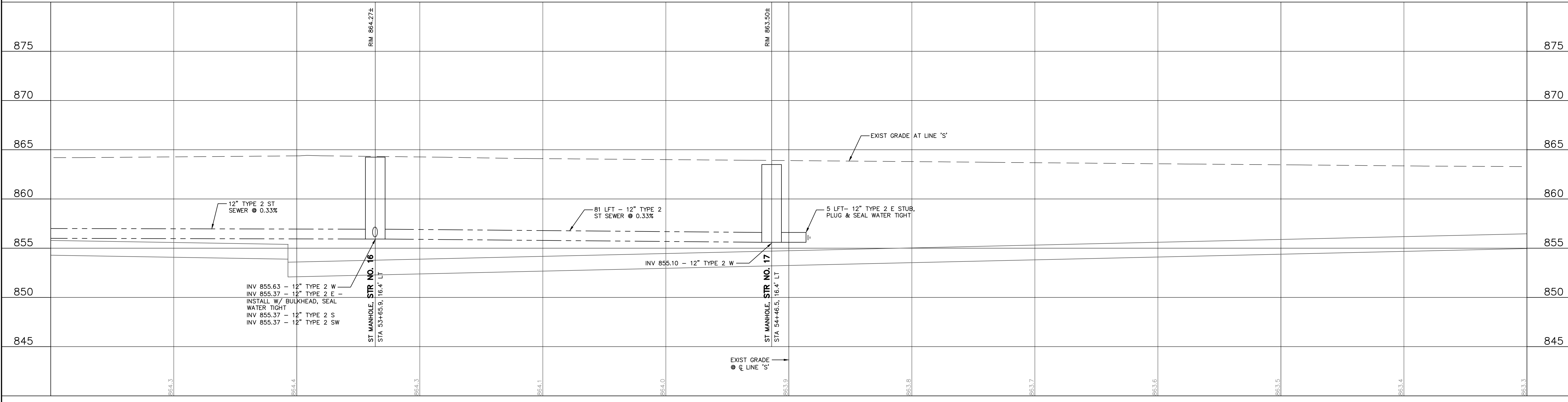
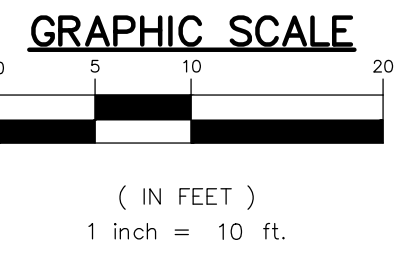
56+00



PLAN - 6th STREET - STA. 53+00 TO STA. 55+50
SCALE 1" = 10' H

- ELECTRIC DUCT BANK NOTES:**
- CONTRACTOR SHALL COORDINATE INSTALLATION OF STORM SEWER WITH THE INSTALLATION OF UNDERGROUND ELECTRIC DUCT BANK, BY OTHERS. COORDINATION SHOULD OCCUR WITH THE AUBURN ELECTRIC DEPARTMENT AND ELECTRICAL CONTRACTOR.
 - ELECTRIC DUCT BANK TO BE INSTALLED AT APPROXIMATE 4' DEPTH, SHALL BE 24" IN WIDTH AND 12" IN HEIGHT.
 - REFER TO LIGHTING PLAN, SHEET C501, FOR LIGHT POLE LOCATION AND CONNECTION INFORMATION.
 - ANY CONFLICTS BETWEEN STORM SEWER INSTALLATION, ELECTRIC DUCT BANK INSTALLATION AND ANY EXISTING UTILITIES SHALL BE IMMEDIATELY BROUGHT TO THE ENGINEERS ATTENTION, SO THAT NECESSARY ADJUSTMENTS CAN BE MADE.

- LEGEND:**
- LOCATION OF STREET LIGHT POLE
 - LOCATION OF PROPOSED ELECTRIC DUCT BANK, 24" WIDTH
 - PROPOSED ELECTRIC PEDESTAL LOCATION
 - PROPOSED ELECTRIC TRANSFORMER FOR DUCT BANK



PROFILE - 6th STREET - STA. 53+00 TO STA. 55+50
SCALE 1" = 20' H, 5' V

REVISIONS	DESCRIPTION	BY	DATE

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6TH & MAIN STREETSCAPE
CITY OF AUBURN
210 EAST NINTH STREET
AUBURN, IN 46706

UTILITY PLAN & PROFILE - EAST 6th STREET

DESIGNED BY: JAS
DRAWN BY: RJH
DATE: JUNE 14, 2017
JOB NUMBER: 2015-0355
SCALE: 1"=10'H; 1"=5'V

C402

LUMINAIRE SCHEDULE

MARK	SYMBOL	DESCRIPTION	CATALOG NUMBER	MANUFACTURER	LAMP	LUMENS	VOLTAGE	COLOR	MOUNTING
(A)	⊙	ARCHITECTURAL LUMINAIRE - LED EURO SERIES WITH FROSTED BODY LENS TYPE III DISTRIBUTION AND 16' POLE COLOR BLACK.	E460LED-FA5616P5/21L45T3/MDL14/2-DBA/(2)GFLP-IUC/SH(.5)/DHPA/BKT	STERNBERG	LED 4500 K, TYPE III DISTRIBUTION, COLOR OF BLACK WITH FROSTED ACRYLIC LENS	7670	240	BLACK	POLE-16'
(B)	⊙	ARCHITECTURAL LUMINAIRE - LED EURO SERIES WITH FROSTED BODY LENS TYPE V DISTRIBUTION AND 16' POLE COLOR BLACK.	E460LED-FA5616P5/21L45T5/MDL14/2-DBA/(2)GFLP-IUC/SH(.5)/DHPA/BKT	STERNBERG	LED 4500 K, TYPE V DISTRIBUTION, COLOR OF BLACK WITH FROSTED ACRYLIC LENS	8585	240	BLACK	POLE-16'

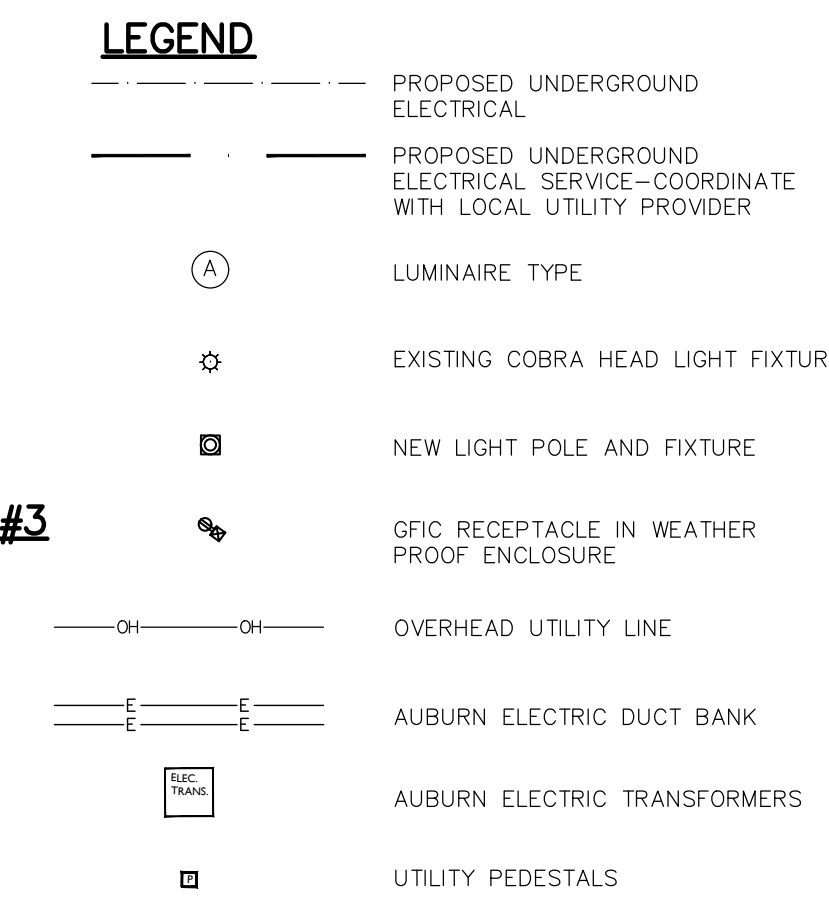
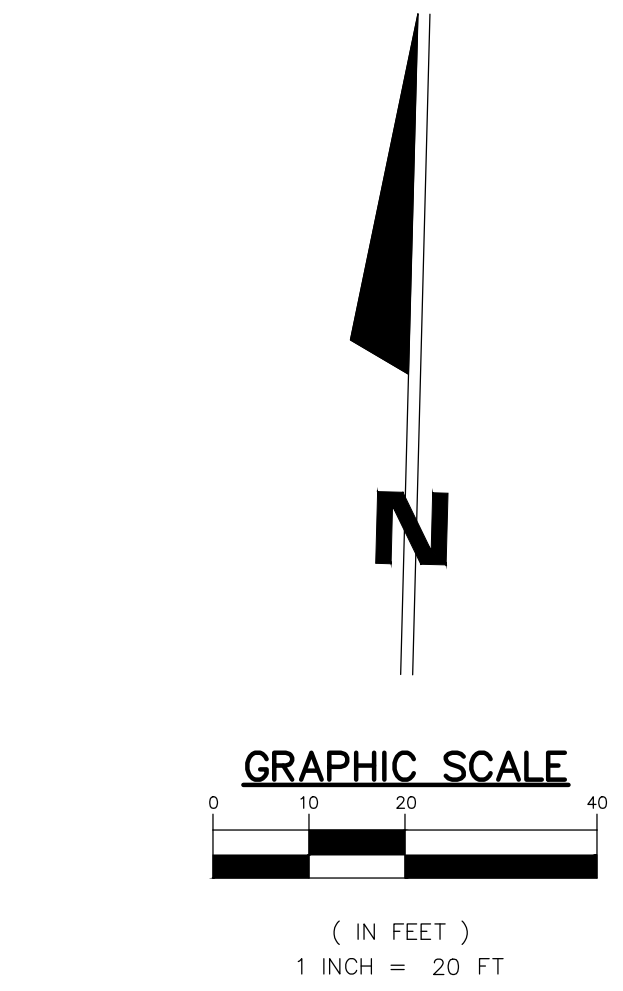
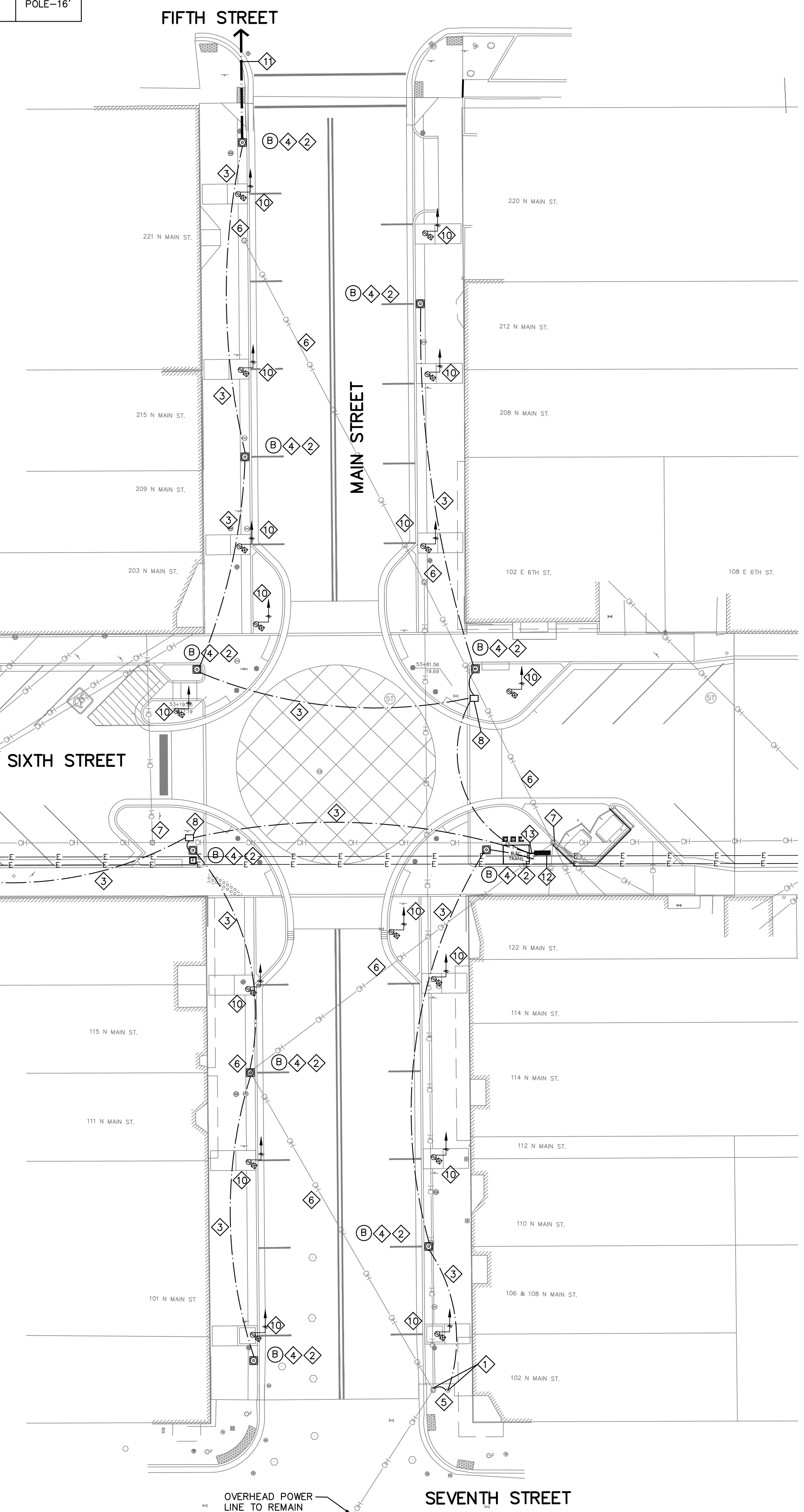
ELECTRICAL GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL OTHER APPLICABLE CODES AND STANDARDS.
- ALL WORK SHALL BE COMPLETED BY A LICENSED ELECTRICIAN BY THE CITY OF AUBURN AND STATE OF INDIANA.
- ALL DEVICE BOXES SHALL BE INSTALLED FLUSH AND CONDUITS RUN CONCEALED IN FINISHED AREAS EXCEPT AS SPECIFICALLY SHOWN/NOTED OTHERWISE.
- WIRE SIZE SHALL BE #12 MIN., UNLESS OTHERWISE NOTED. WIRE SIZES SMALLER THAN #6 AWG SHALL BE THIN/THIN. #6 AWG WIRE & LARGER SHALL BE THIN UNLESS NOTED OTHERWISE.
- CIRCUITS WHERE THE TOTAL DISTANCE IS GREATER THAN 100', CONDUCTORS AND GROUND SHALL BE #8 AWG FROM THE PANEL BOARD.
- WIRE (CONDUCTOR) COLORS SHALL BE AS PER APPLICABLE CODES.
- ALL CONDUCTORS SHALL BE COPPER.
- ALL CONDUCTORS SHALL BE RUN IN CONDUIT, AND SHALL BE SIZED PER CODE.
- ALL MATERIALS SHALL BE UL APPROVED.
- ALL BRANCH CIRCUITS TO HAVE A GREEN EQUIPMENT GROUNDING CONDUCTOR SIZED AS PER NEC 250.
- PVC (SCHEDULE 40) PERMITTED BELOW GRADE.
- IT IS INTENDED THAT AN EQUIPMENT GROUND CONDUCTOR (GREEN) SHALL BE RUN IN POWER CIRCUIT CONDUITS WHETHER OR NOT THE CONDUIT IS PVC CONTRACTOR TO COORDINATE ROUGHING-IN TO ALL EQUIPMENT W/ RESPECTIVE SUPPLIER PRIOR TO INSTALLING CONDUITS.
- STREET LIGHTS SHALL BE ON A SINGLE PHOTO CELL.
- DRAWINGS SHOW APPROXIMATE LOCATIONS OF NEW LIGHTS.
- ALL RECEPTACLES SHALL BE ON A SEPARATE CIRCUIT.
- NOTE THAT THE DUCT BANK, TRANSFORMERS, AND PEDESTALS WILL BE INSTALLED BY THE AUBURN ELECTRIC DEPARTMENT AND CONTRACTOR SHALL COORDINATE AS REQUIRED.

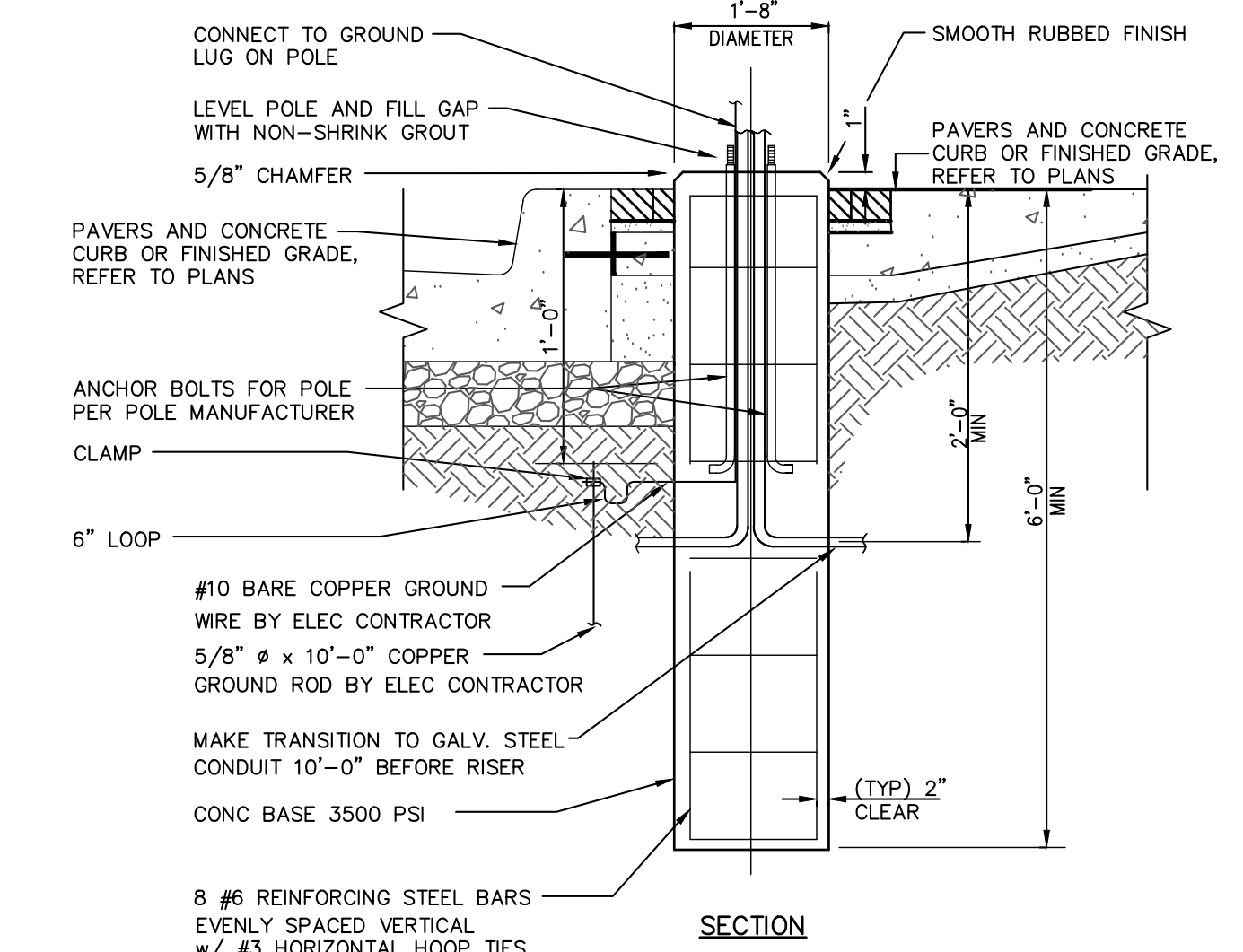
ELECTRICAL KEYED NOTES DENOTED BY: #

- PROVIDE 1" CONDUIT WITH CONDUCTORS TO EXISTING COBRA HEAD LIGHT LOCATED ON EXISTING TRAFFIC SIGNAL MAST. COORDINATE ALL WORK WITH INDOT. INDOT REQUIRES SIGNAL TECHNICIAN BE PRESENT DURING ALL WORK WITH INDOT FACILITIES DURING MANHOLE TERMINATION AND COBRA LIGHT CONNECTION.
- NEW LIGHT POLE BASE, POLE AND FIXTURE - SEE SCHEDULE ON SHEET C501.
- PROVIDE 1" PVC SCH. 80 CONDUIT W/ # 8 CONDUCTORS AND # 10 GROUND TO EACH LIGHT FIXTURE.
- PROVIDE NEW CONCRETE BASE FOR NEW LIGHTS. SEE DETAIL 1 ON SHEET C501.
- EXISTING COBRA HEAD STREET LIGHT TO REMAIN.
- DE-ENERGIZE, REMOVE EXISTING LIGHT FIXTURE, OVERHEAD CONDUCTORS, POLE, FOUNDATION SYSTEM.
- EXISTING POWER POLE AND OVERHEAD ELECTRIC TO BE REMOVED BY AUBURN ELECTRIC DEPARTMENT.
- PROVIDE NEW 18" x 24" AT GRADE PULL BOX WITH BOLTED DOWN COVER. REFER TO DETAIL 2/C501
- PROVIDE NEW 18" x 24" AT GRADE PULL BOX WITH BOLTED DOWN COVER. PROVIDE NEW GFCI RECEPTACLE IN WEATHERPROOF ENCLOSURE. SEE DETAIL 3 ON SHEET C501. RECEPTACLES ON A SEPARATE CIRCUIT WITH 3/4" SCHEDULE 80 CONDUIT, WITH #10 CONDUCTORS AND #12 GROUND.
- PROVIDE 1" SCH. 80 CONDUIT W/ # 8 CONDUCTORS AND # 10 GROUND TO EXISTING COBRA HEAD LIGHT FIXTURE NORTH OF FIFTH STREET VIA UNDERGROUND BORE. (APPROXIMATELY 70' NORTH OF PROPOSED LIGHT FIXTURE ON SOUTHWEST CORNER OF FIFTH AND MAIN STREET). CONTRACTOR SHALL COORDINATE WITH THE AUBURN ELECTRIC DEPARTMENT.
- METER, ELECTRICAL ENCLOSURE AND IT CABINET - SEE DETAIL 1 ON SHEET C502.
- NEW 2" PVC UNDERGROUND CONDUIT WITH (4) #3 CONDUCTORS AND GROUND. COORDINATE WITH AUBURN ELECTRIC DEPARTMENT.

ADD ALTERNATE #3

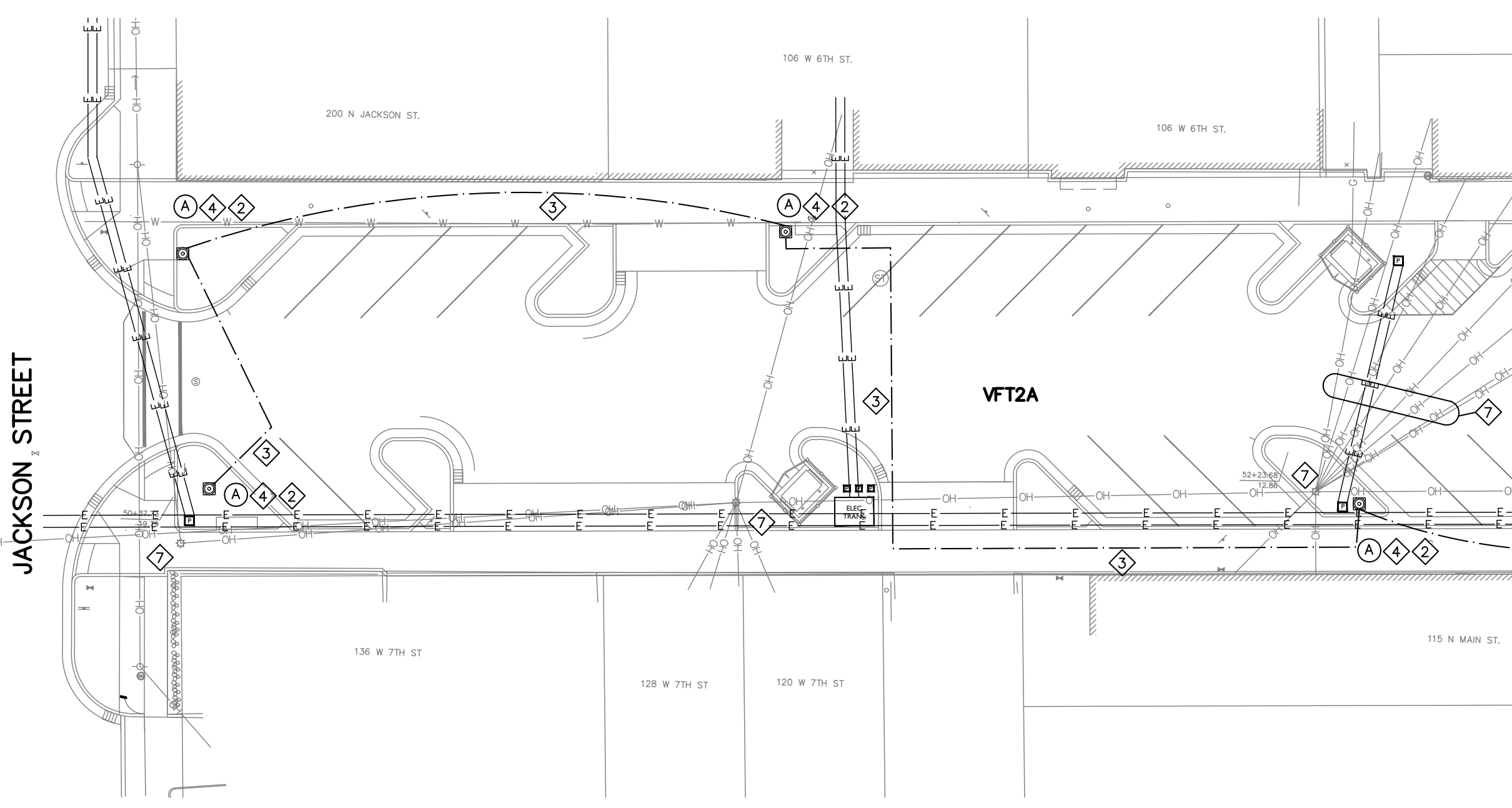


ADD ALTERNATE #3

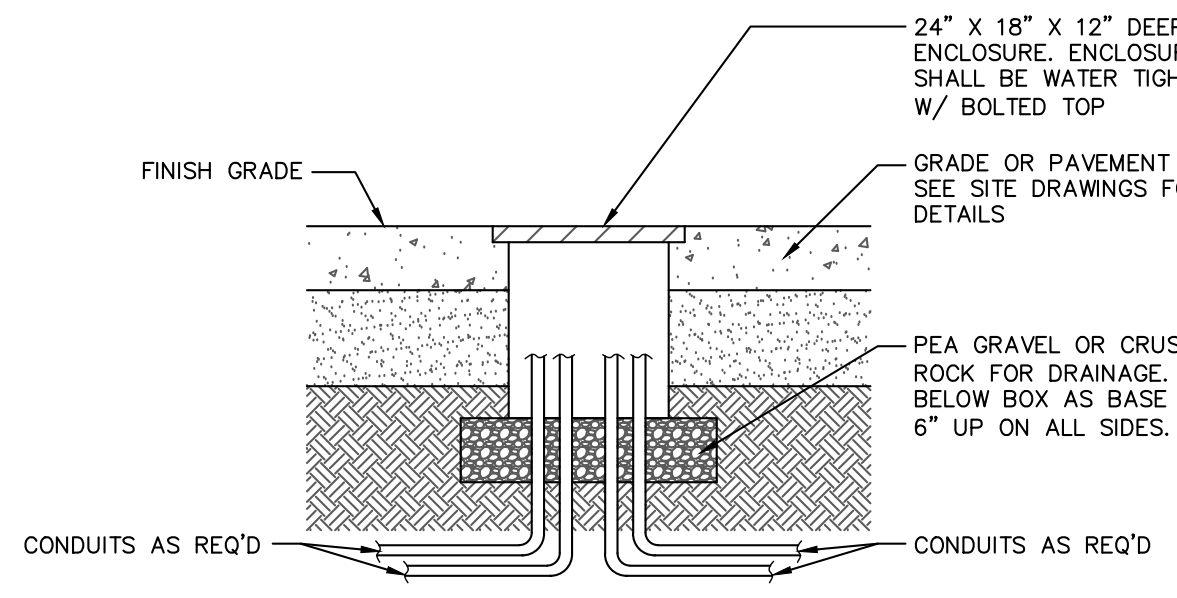
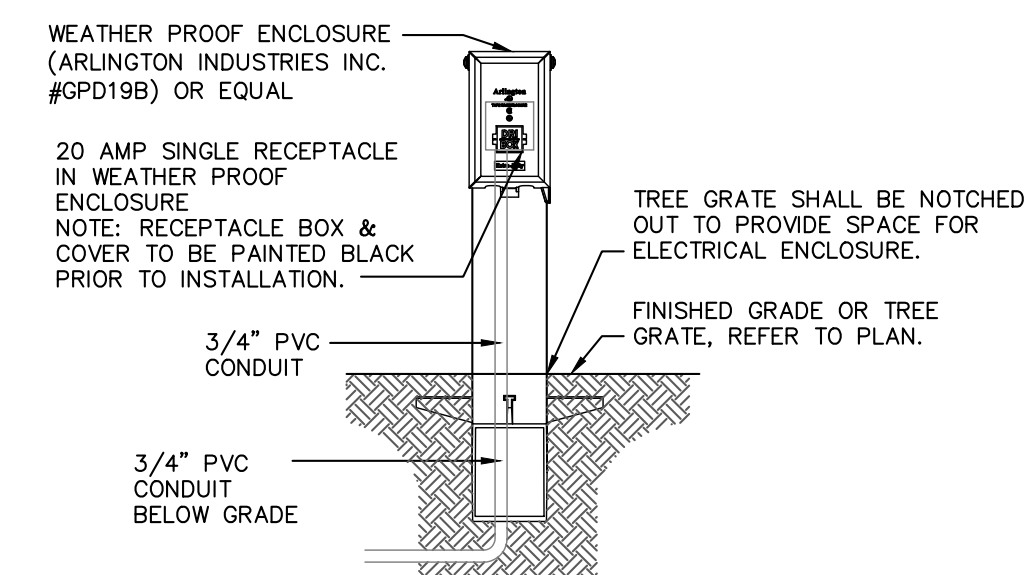


- NOTE**
- ALL PLAIN, GRADE 60, REINFORCING STEEL
 - BASE IS TO BE CENTERED IN PAVER ACCENT BAND ON MAIN STREET

LIGHTING PLAN PREPARED BY:
ESL SPECTRUM
721 AIRPORT NORTH OFFICE PARK, SUITE 715
FORT WAYNE, IN 46825
CONTACT: JON UNDERWOOD
PH: (260) 486-4117



NOTE:
ELECTRIC RECEPTACLE ENCLOSURE
MANUFACTURER: ARLINGTON INDUSTRIES, INC.
CATALOG NUMBER: GPD19B
COLOR: BLACK
PHONE: 1-800-233-4717



ADD ALTERNATE #3 - LOW PROFILE ELECTRIC RECEPTACLE DETAIL

ADD ALTERNATE #3

JONES PETRIE RAFINSKI
your one single source

Fort Wayne, Indiana
p: 260-622-2522

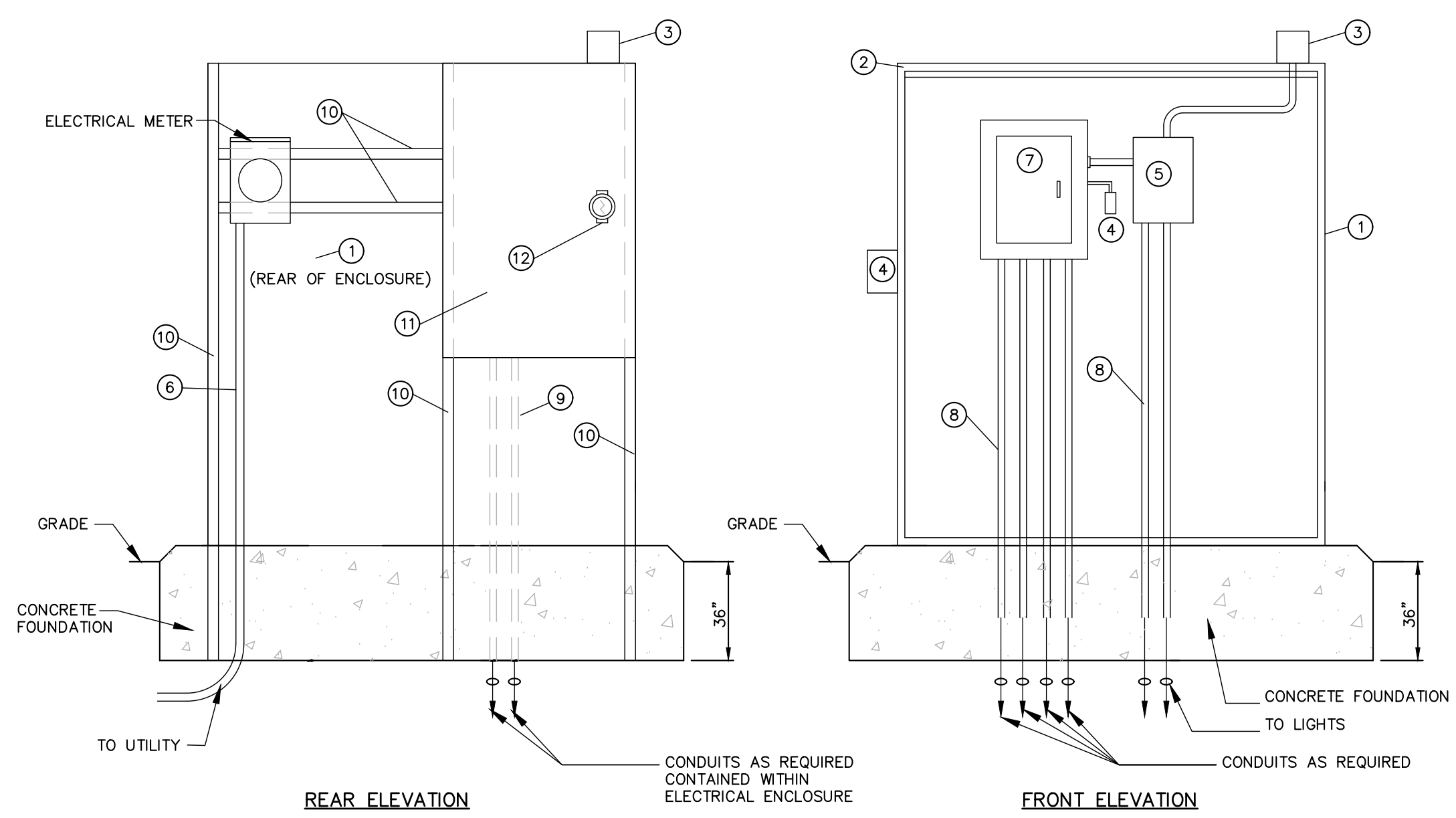
South Bend, Indiana
p: 574-232-4188

Elkhart, Indiana
p: 574-293-1762

PRELIMINARY FOR 90% REVIEW PURPOSES ONLY

6TH & MAIN STREETSCAPE
CITY OF AUBURN
210 EAST NINTH STREET
AUBURN, IN 46706
LIGHTING PLAN & DETAILS

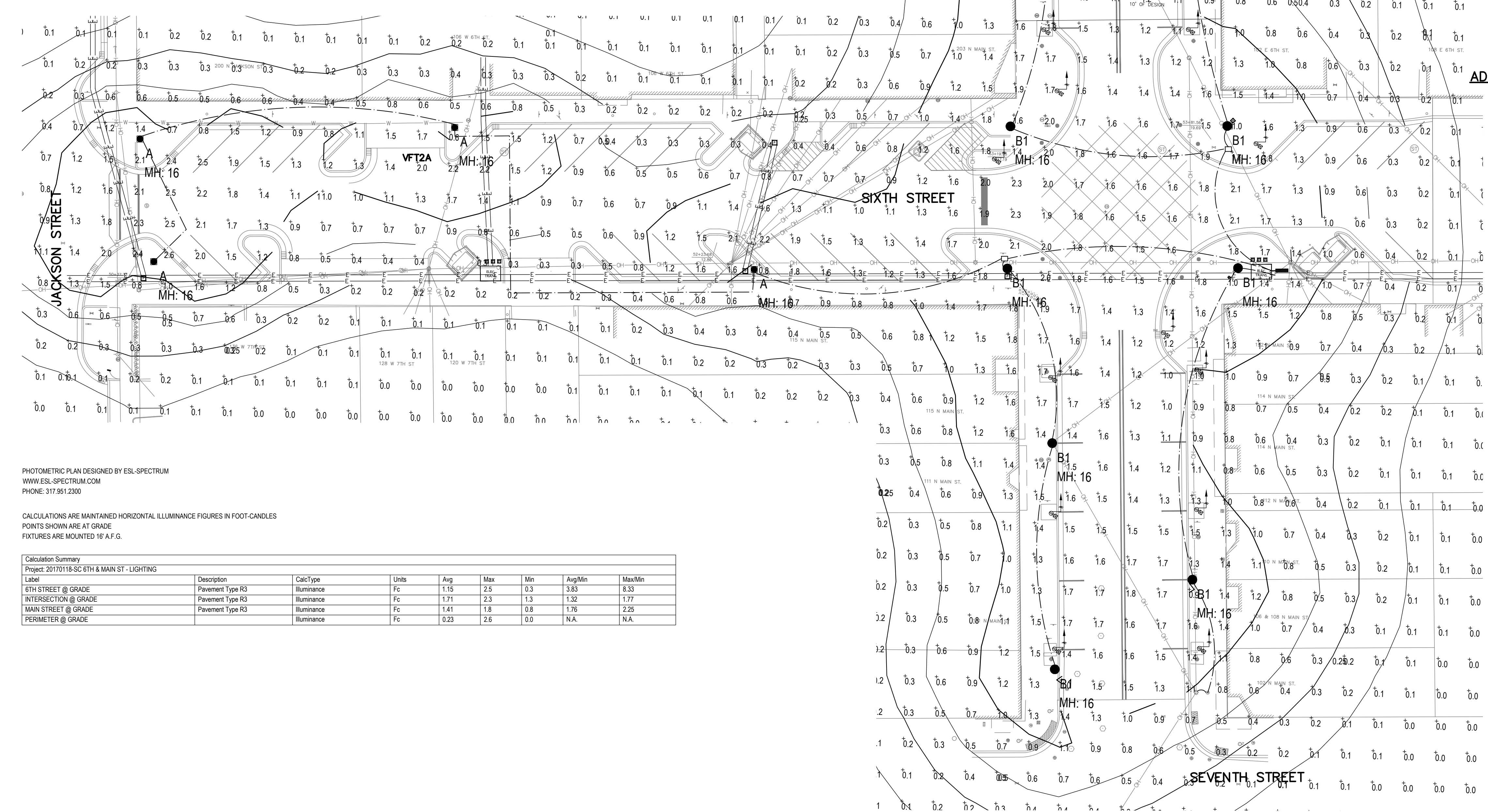
DESIGNED BY: JAS
DRAWN BY: RJH
DATE: JUNE 14, 2017
JOB NUMBER: 2015-0355
SCALE: 1"=20'
C501



ELECTRICAL PANEL ENCLOSURE ELEVATIONS
NOT TO SCALE

CONTROL ENCLOSURE IDENTIFICATION

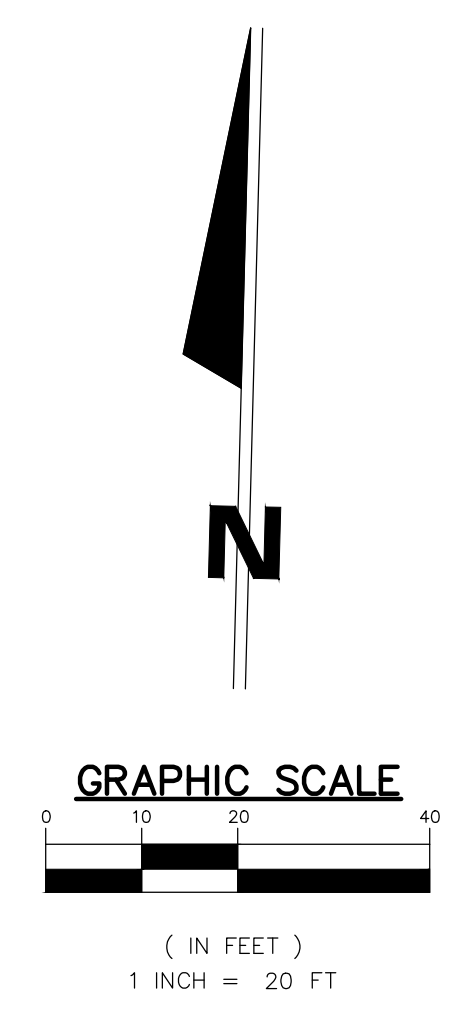
- 1 SQUARE "D" NO PANEL 120V/240, 1Ø, 3W, 100 AMP BUSS WITH 100 AMP MAIN BREAKER PANEL IN NEMA 1 ENCLOSURE. ALL BREAKERS SHALL BE 22,000 AIC RATED AND PANEL TO BE EQUIPPED WITH SERVICE ENTRANCE LABEL. PANEL SHALL HAVE 12 SPACE CAPACITY. PANEL SHALL UTILIZE BOLT ON BREAKERS ONLY. PROVIDE BRANCH BREAKERS.
- 2 FREE STANDING TWO-DOOR TYPE 12 ENCLOSURE CONVERTED AT THE FACTORY TO NEMA 3R WITH ACCESSORIES NOTED, MOUNTED TO CONCRETE FOUNDATION.
- 3 DRIP SHIELD KIT FOR TYPE 3R HOFFMAN A-DK-A OR EQUAL, PROVIDE LENGTH AS REQUIRED TO FIT ENTIRE WIDTH OF ENCLOSURE.
- 4 ELECTRIC EYE
- 5 DUPLEX 20 AMP GFI OUTLET IN BELL BOX-LEVITON #6599-1 GFCI RECEPTACLE AND #6196-V COVER OR EQUAL
- 6 ELECTRICALLY HELD 30 AMP 6-POLE LIGHTING CONTACTOR IN NEMA 1 ENCLOSURE WITH HAND, OFF, ON SWITCH, COORDINATE COIL VOLTAGE WITH ELECTRONIC EYE AS NOTED.
- 7 SERVICE ENTRANCE CONDUITS AND CONDUCTORS, COORDINATE LOCATION OF CONTROL ENCLOSURE AND SERVICE ENTRANCE WITH OWNERS REPRESENTATIVE.
- 8 ELECTRICAL PANEL - SQUARE D WOOD - 100 AMP PANEL W/ 100 AMP MAIN BREAKER - 12 POSITIONS
- 9 CONDUITS TO SITE LIGHTING AND RECEPTACLES - USE AS REQUIRED.
- 10 **ADD ALTERNATE #6:** LOW VOLTAGE CONDUIT AS REQUIRED
- 11 **ADD ALTERNATE #6:** ONE DOOR STEEL IT BOX ENCLOSURE TO MATCH ELECTRICAL ENCLOSURE INSTALLED ON UNISTRUT.
- 12 **ADD ALTERNATE #6:** SECURELY FASTEN WITH KEYED WING NUTS.



PHOTOMETRIC PLAN DESIGNED BY ESL-SPECTRUM
WWW.ESL-SPECTRUM.COM
PHONE: 317.561.2200

CALCULATIONS ARE MAINTAINED HORIZONTAL ILLUMINANCE FIGURES IN FOOT-CANDLES
POINTS SHOWN ARE AT GRADE
FIXTURES ARE MOUNTED 16' A.F.G.

Label	Description	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
6TH STREET @ GRADE	Pavement Type R3	Illuminance	Fc	1.15	2.5	0.3	3.83	8.33
INTERSECTION @ GRADE	Pavement Type R3	Illuminance	Fc	1.71	2.3	1.3	1.32	1.77
MAIN STREET @ GRADE	Pavement Type R3	Illuminance	Fc	1.41	1.8	0.8	1.76	2.25
PERIMETER @ GRADE	Pavement Type R3	Illuminance	Fc	0.23	2.6	0.0	N.A.	N.A.



- LEGEND**
- PROPOSED UNDERGROUND ELECTRICAL
 - PROPOSED UNDERGROUND ELECTRICAL SERVICE-COORDINATE WITH LOCAL UTILITY PROVIDER
 - LUMINAIRE TYPE
 - EXISTING COBRA HEAD LIGHT FIXTURE
 - NEW LIGHT POLE AND FIXTURE
 - GFCI RECEPTACLE IN WEATHER PROOF ENCLOSURE
 - OVERHEAD UTILITY LINE
 - AUBURN ELECTRIC DUCT BANK
 - AUBURN ELECTRIC TRANSFORMERS
 - UTILITY PEDESTALS

JONES PETRIE RAFINSKI
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Fort Wayne, Indiana
P: 260.422.5232

South Bend, Indiana
P: 574.332.4388

Elkhart, Indiana
P: 574.293.7762

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6TH & MAIN STREETSCAPE
CITY OF AUBURN
210 EAST NINTH STREET
AUBURN, IN 46706

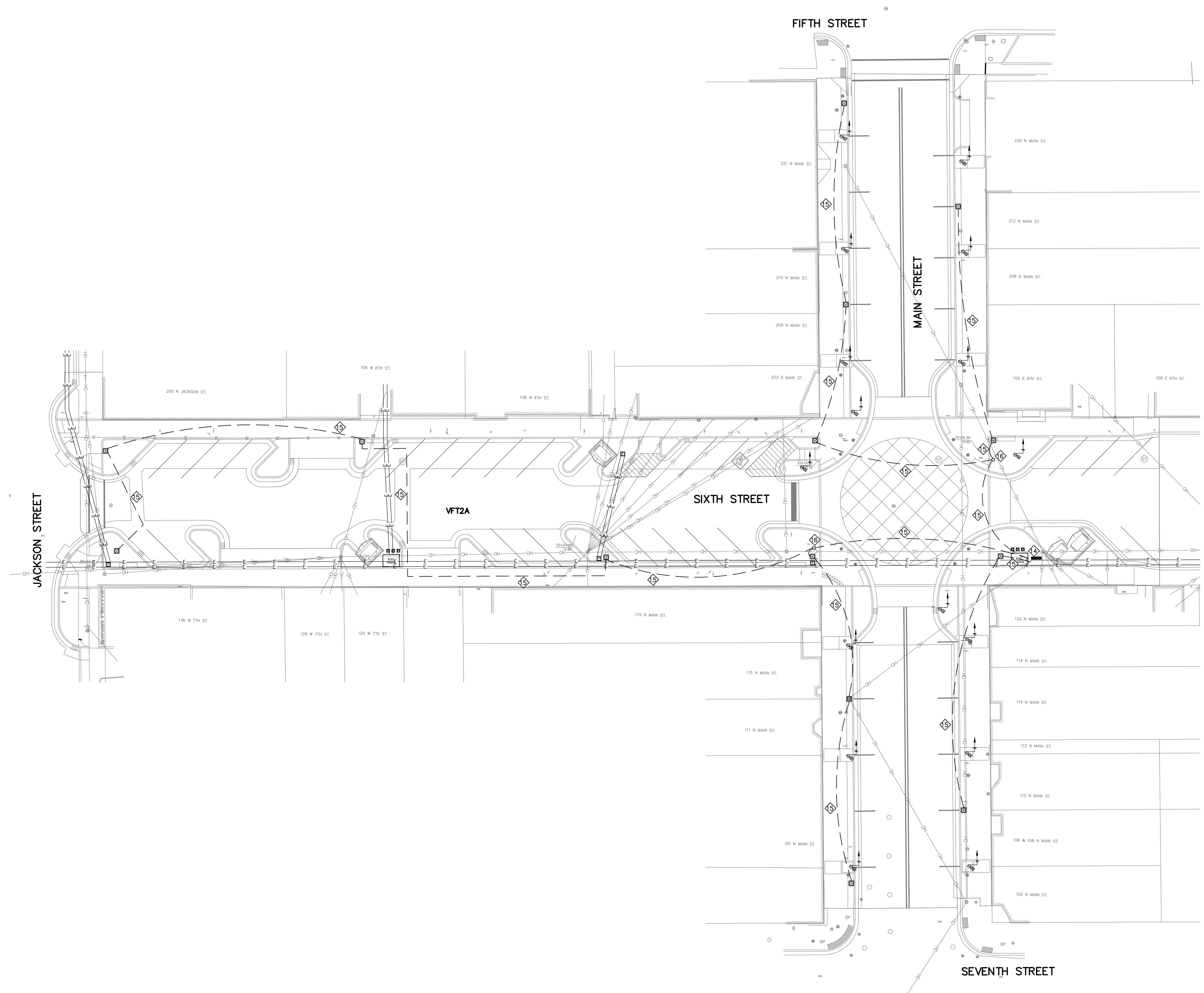
LIGHTING PHOTOMETRIC PLAN

DESIGNED BY: JAS
DRAWN BY: RJH
DATE: JUNE 14, 2017
JOB NUMBER: 2015-0355
SCALE: 1"=20'

LIGHTING PLAN PREPARED BY:
ESL SPECTRUM
721 AIRPORT NORTH OFFICE PARK, SUITE 715
FORT WAYNE, IN 46825
CONTACT: JON UNDERWOOD
PH: (260) 486-4117

REV: DESCRIPTION BY DATE

C502

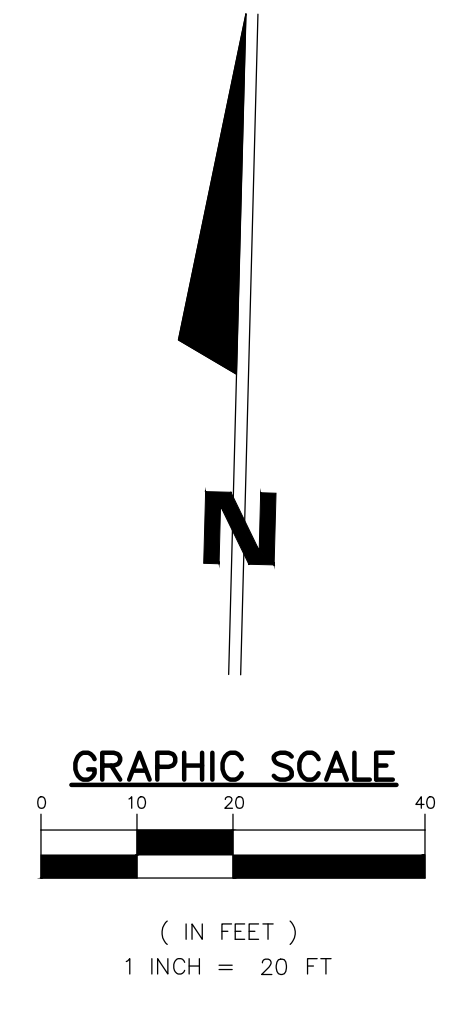


ADD ALTERNATE #3

- LEGEND**
- PROPOSED UNDERGROUND ELECTRICAL
 - PROPOSED UNDERGROUND ELECTRICAL SERVICE—COORDINATE WITH LOCAL UTILITY PROVIDER
 - (A) LUMINAIRE TYPE
 - ⊗ EXISTING COBRA HEAD LIGHT FIXTURE
 - ⊠ NEW LIGHT POLE AND FIXTURE
 - ⊞ GFCI RECEPTACLE IN WEATHER PROOF ENCLOSURE
 - OH — OH — OVERHEAD UTILITY LINE
 - E — E — AUBURN ELECTRIC DUCT BANK
 - ⊞ AUBURN ELECTRIC TRANSFORMERS
 - ⊞ UTILITY PEDESTALS

LOW VOLTAGE KEYED NOTES DENOTED BY: ⬡

14. IT CABINET LOCATED ON REAR OF ELECTRICAL CABINET — SEE DETAIL 1 ON SHEET C502.
15. PROVIDE 1 — 1/2" PVC SCH. 80 CONDUIT FOR FUTURE LOW VOLTAGE CONDUCTORS.
16. PROVIDE NEW 6" x 8" AT GRADE PULL BOX WITH BOLTED DOWN COVER SIMILAR TO DETAIL 2/C501.



LIGHTING PLAN PREPARED BY:
 ESL SPECTRUM
 721 AIRPORT NORTH OFFICE PARK, SUITE 715
 FORT WAYNE, IN 46825
 CONTACT: JON UNDERWOOD
 PH: (260) 486-4117

REV.	DESCRIPTION	BY	DATE

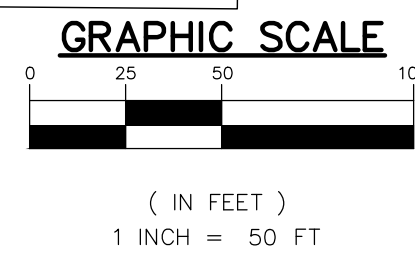
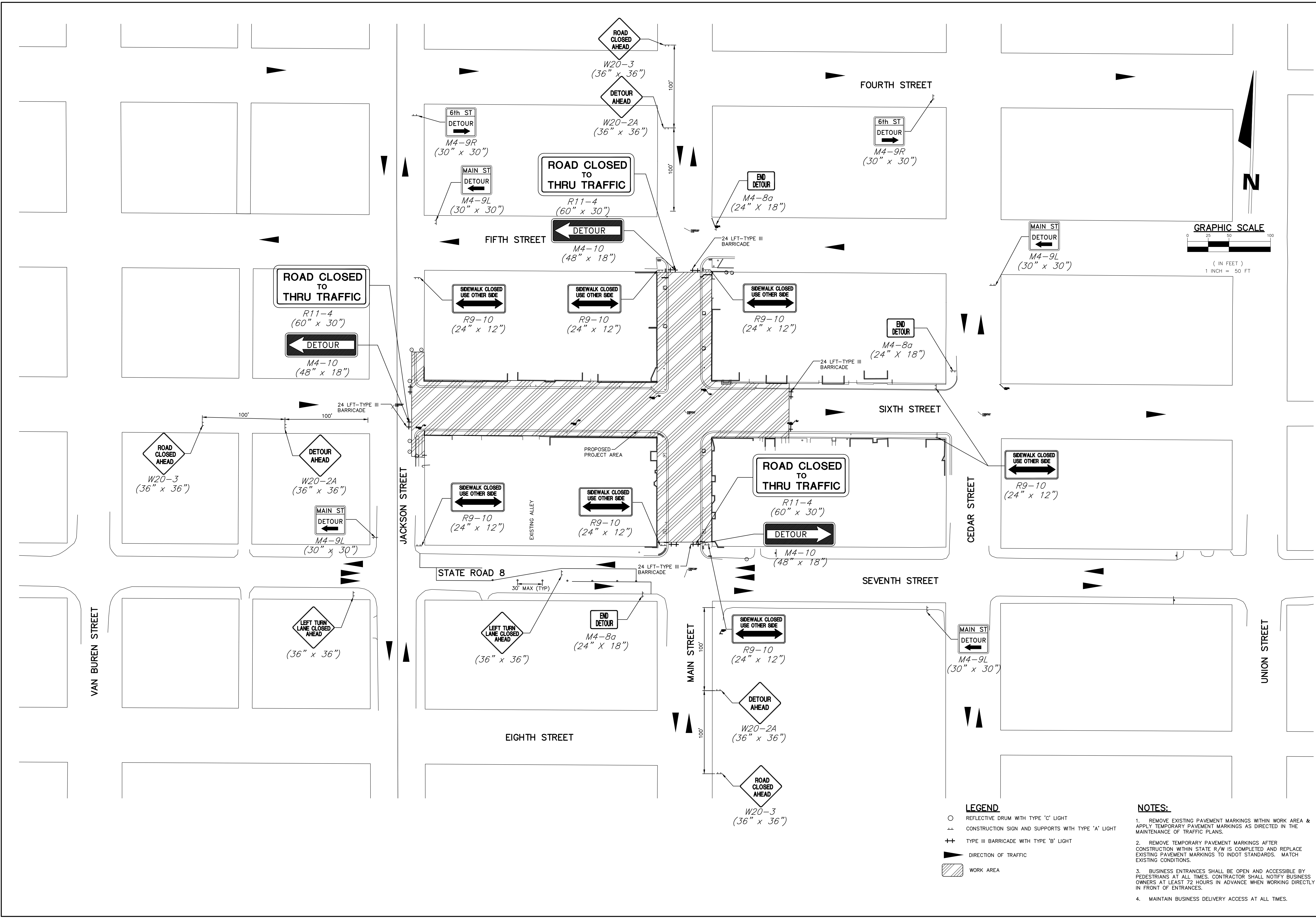
JONES PETRIE RAFINSKI
your one single source

Elkhart, Indiana
 Fort Wayne, Indiana
 South Bend, Indiana
 P: 574.233.4762
 P: 260.422.2522

PRELIMINARY FOR 90% REVIEW PURPOSES ONLY

6TH & MAIN STREETSCAPE
 CITY OF AUBURN
 210 EAST NINTH STREET
 AUBURN, IN 46706
LOW VOLTAGE PLAN - ADD ALTERNATE #6

DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	1"=20'
C503	

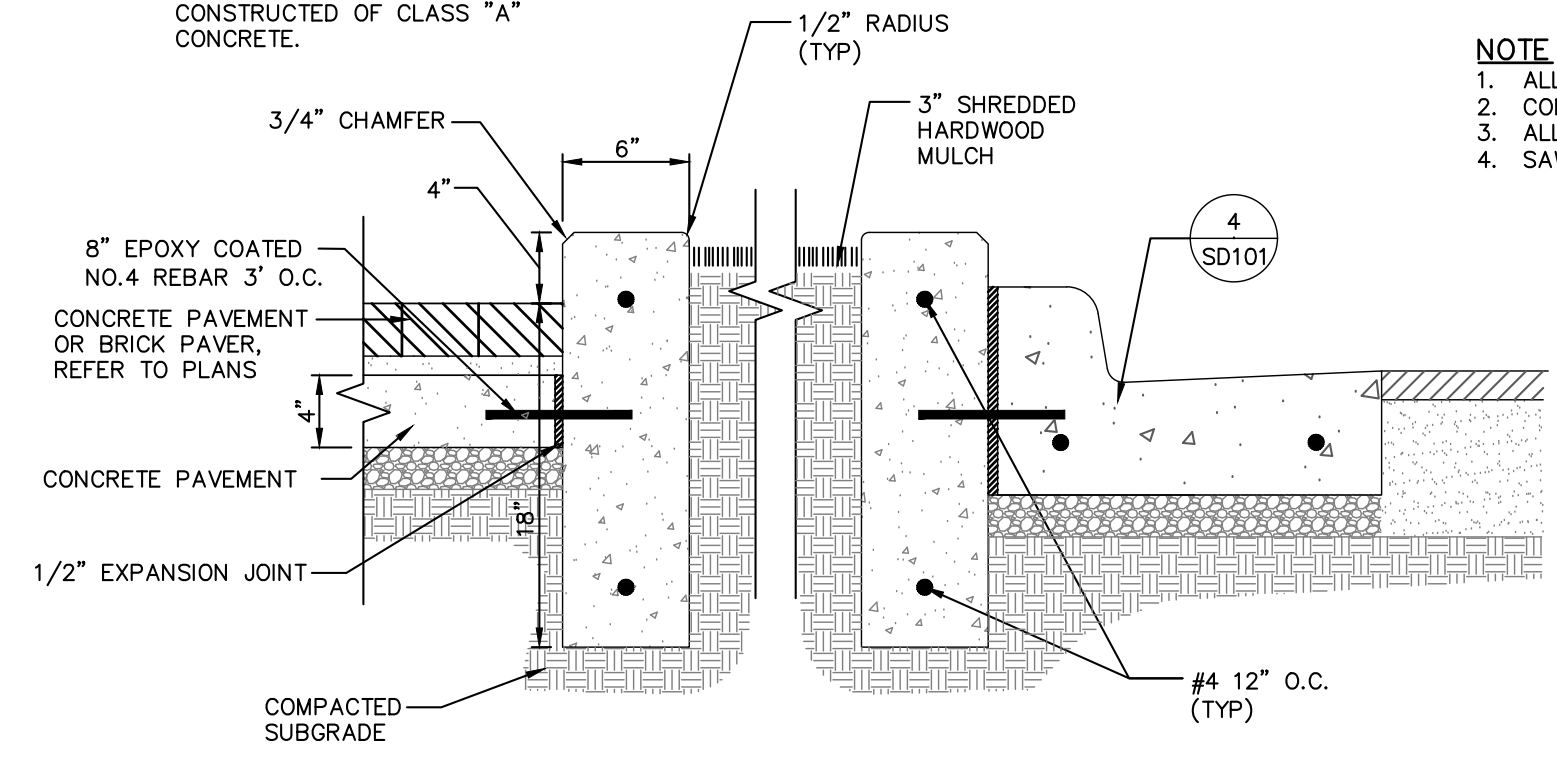


- LEGEND**
- REFLECTIVE DRUM WITH TYPE 'C' LIGHT
 - △ CONSTRUCTION SIGN AND SUPPORTS WITH TYPE 'A' LIGHT
 - ++ TYPE III BARRICADE WITH TYPE 'B' LIGHT
 - ▶ DIRECTION OF TRAFFIC
 - ▨ WORK AREA

- NOTES:**
1. REMOVE EXISTING PAVEMENT MARKINGS WITHIN WORK AREA & APPLY TEMPORARY PAVEMENT MARKINGS AS DIRECTED IN THE MAINTENANCE OF TRAFFIC PLANS.
 2. REMOVE TEMPORARY PAVEMENT MARKINGS AFTER CONSTRUCTION WITHIN STATE R/W IS COMPLETED AND REPLACE EXISTING PAVEMENT MARKINGS TO INDOT STANDARDS. MATCH EXISTING CONDITIONS.
 3. BUSINESS ENTRANCES SHALL BE OPEN AND ACCESSIBLE BY PEDESTRIANS AT ALL TIMES. CONTRACTOR SHALL NOTIFY BUSINESS OWNERS AT LEAST 72 HOURS IN ADVANCE WHEN WORKING DIRECTLY IN FRONT OF ENTRANCES.
 4. MAINTAIN BUSINESS DELIVERY ACCESS AT ALL TIMES.

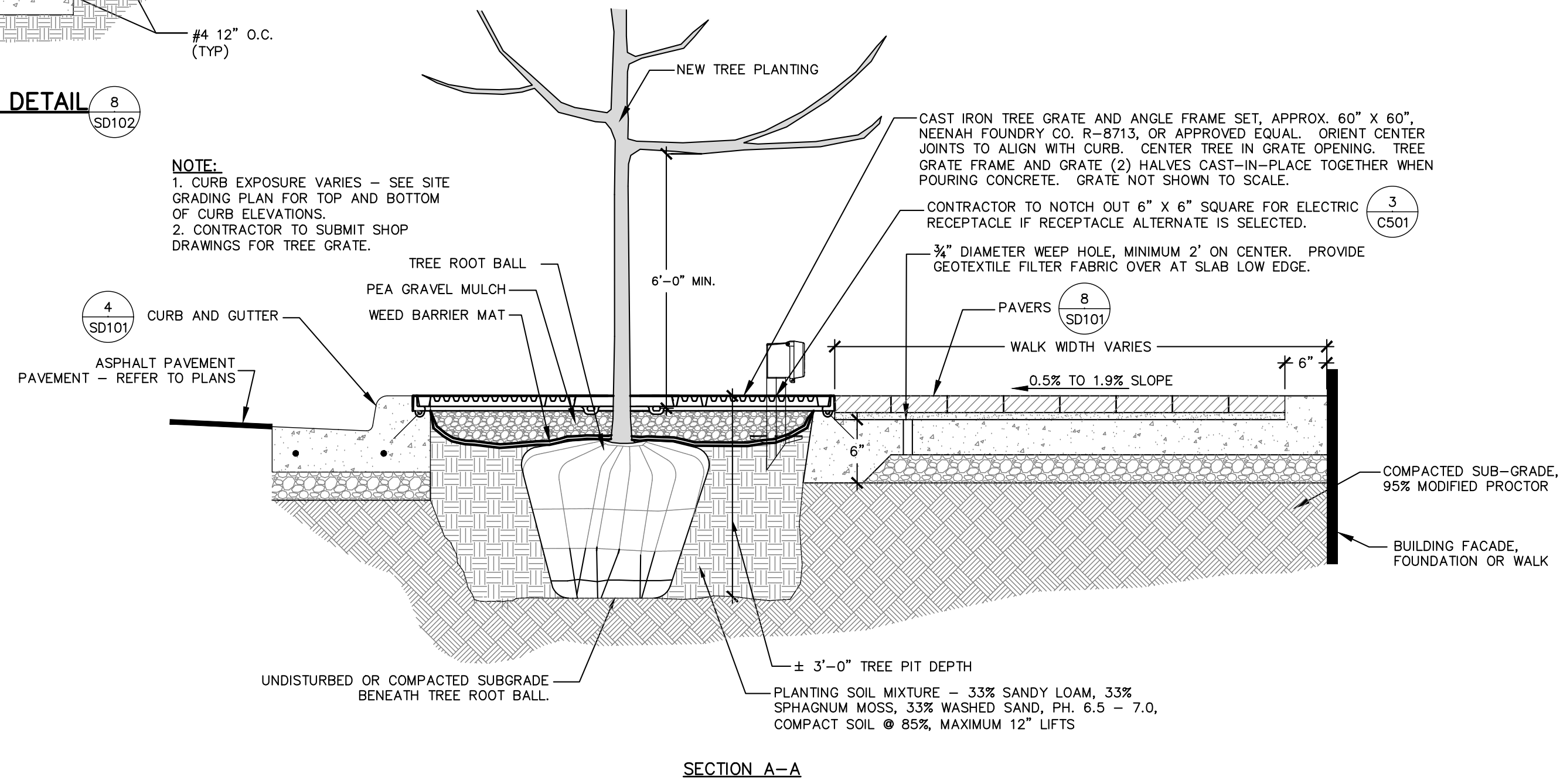
	<small>The concepts, designs, plans, details and other information shown on this document are the sole property of JPR and were created, developed, and prepared for use on this specific project. None of the concepts, designs, plans, details or other information shown on this document shall be used or disseminated without the expressed written permission of JPR. © 2017 JPR. All Rights Reserved.</small>
	<small>REV. BY DATE</small>
JONES PETRIE RAFINSKI your one single source	
<small>South Bend, Indiana P: 574.332.4188</small>	
<small>Fort Wayne, Indiana P: 264.422.2322</small>	
<small>Elkhart, Indiana P: 574.293.7762</small>	
PRELIMINARY FOR 90% REVIEW PURPOSES ONLY	
6TH & MAIN STREETSCAPE	AUBURN, IN 46706
CITY OF AUBURN	
MAINTENANCE OF TRAFFIC PLAN	
<small>210 EAST NINTH STREET</small>	
DESIGNED BY: JAS	
DRAWN BY: RJH	
DATE: JUNE 14, 2017	
JOB NUMBER: 2015-0355	
SCALE: 1"=50'	
C701	

NOTE:
 1. CONCRETE CURB SHALL RECEIVE SMOOTH FINISH, NO AIR VOIDS SHALL BE VISIBLE.
 2. ALL CURB TO BE CONSTRUCTED OF CLASS "A" CONCRETE.



CURBED PLANTER DETAIL (8) SD102
 NOT TO SCALE

NOTE:
 1. CURB EXPOSURE VARIES - SEE SITE GRADING PLAN FOR TOP AND BOTTOM OF CURB ELEVATIONS.
 2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR TREE GRATE.

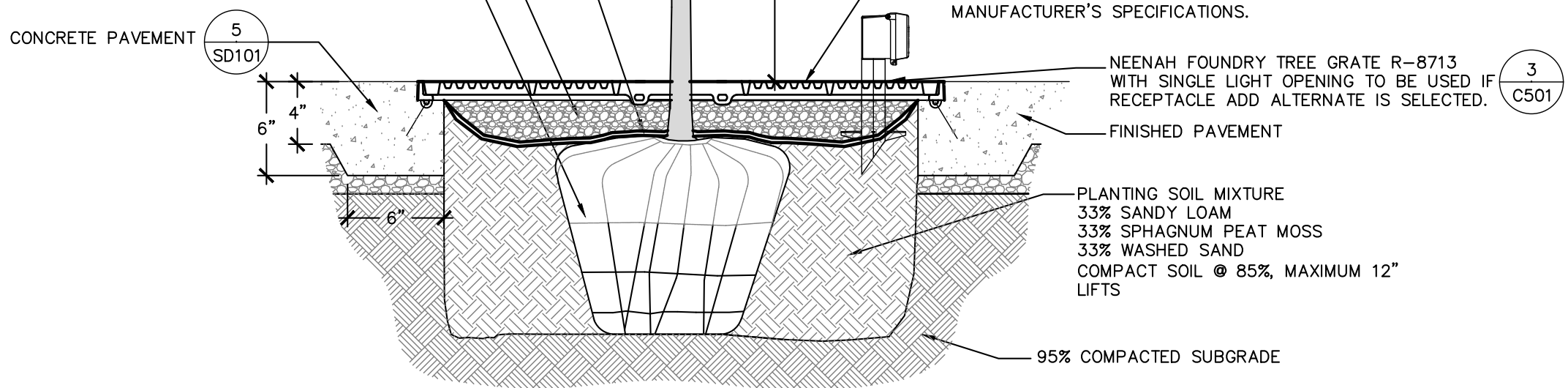


SECTION A-A

DEWITT COMPANY 20-YEAR WEED BARRIER FABRIC ATOP PLANTING SOIL. TURN EDGES UP 1" ALL SIDES & AT TRUNK. OVERLAP SEAMS 6". CONTACT AT (800) 888-9669.

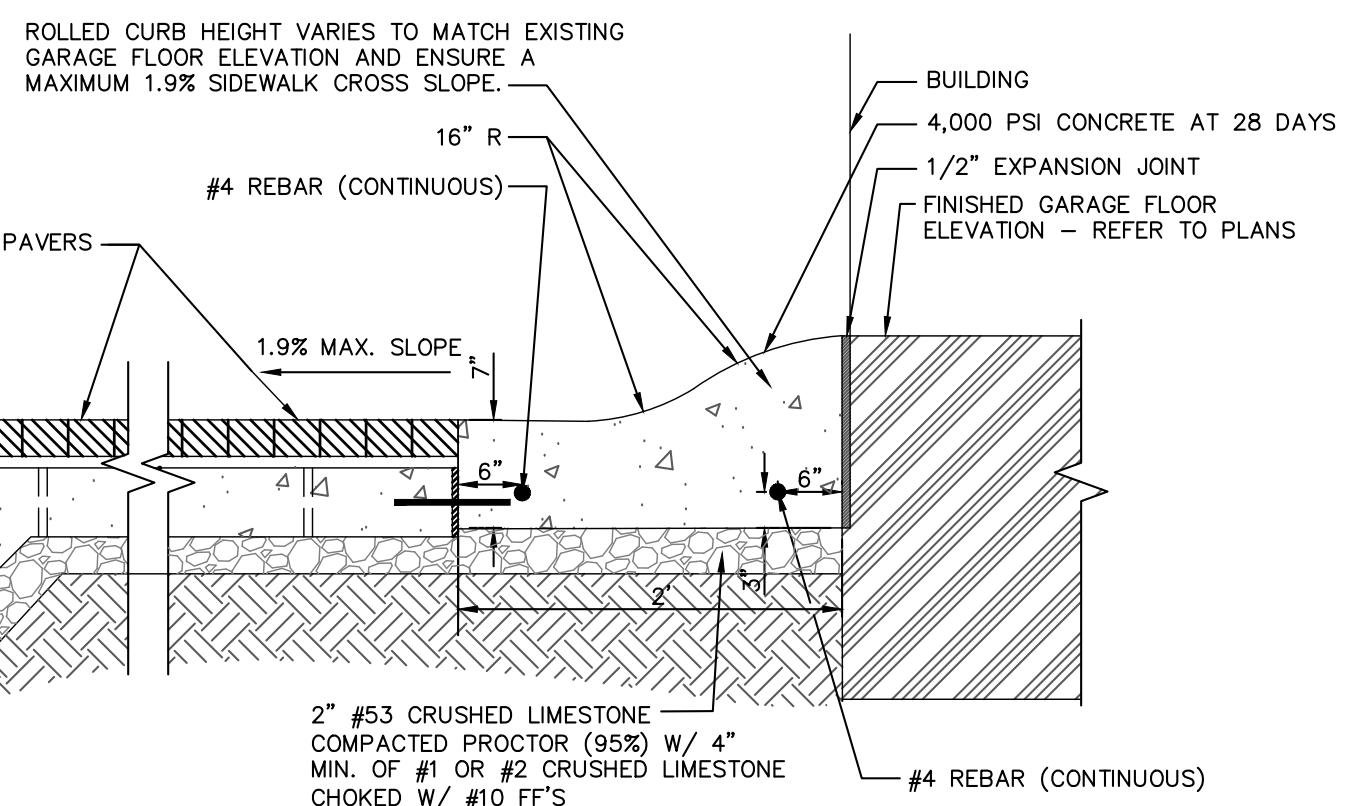
4" THICK, WASHED NO. 8 STONE MULCH ATOP WEED BARRIER FABRIC.

DRUM LACED ROOT BALL SHALL MEET OR EXCEED ANSI Z-60 STANDARDS. REMOVE TOP 2/3 OF WRAP & TIES FROM ROOT BALL ONLY AFTER SETTING AND 1/3 OF BACKFILL IS PLACED. SET TOP OF BALL A MAX. OF 4" BELOW SIDEWALK GRADE.



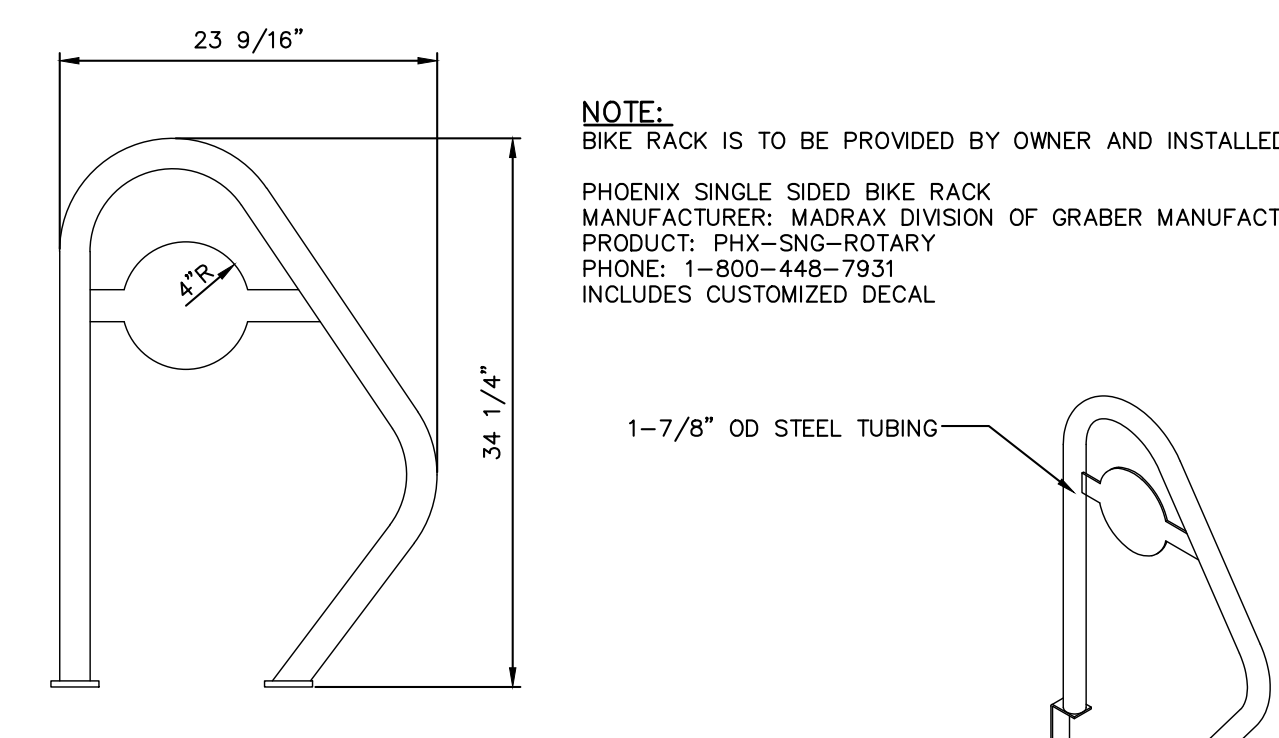
SECTION B-B

TREE GRATE DETAIL (6) SD102
 NOT TO SCALE



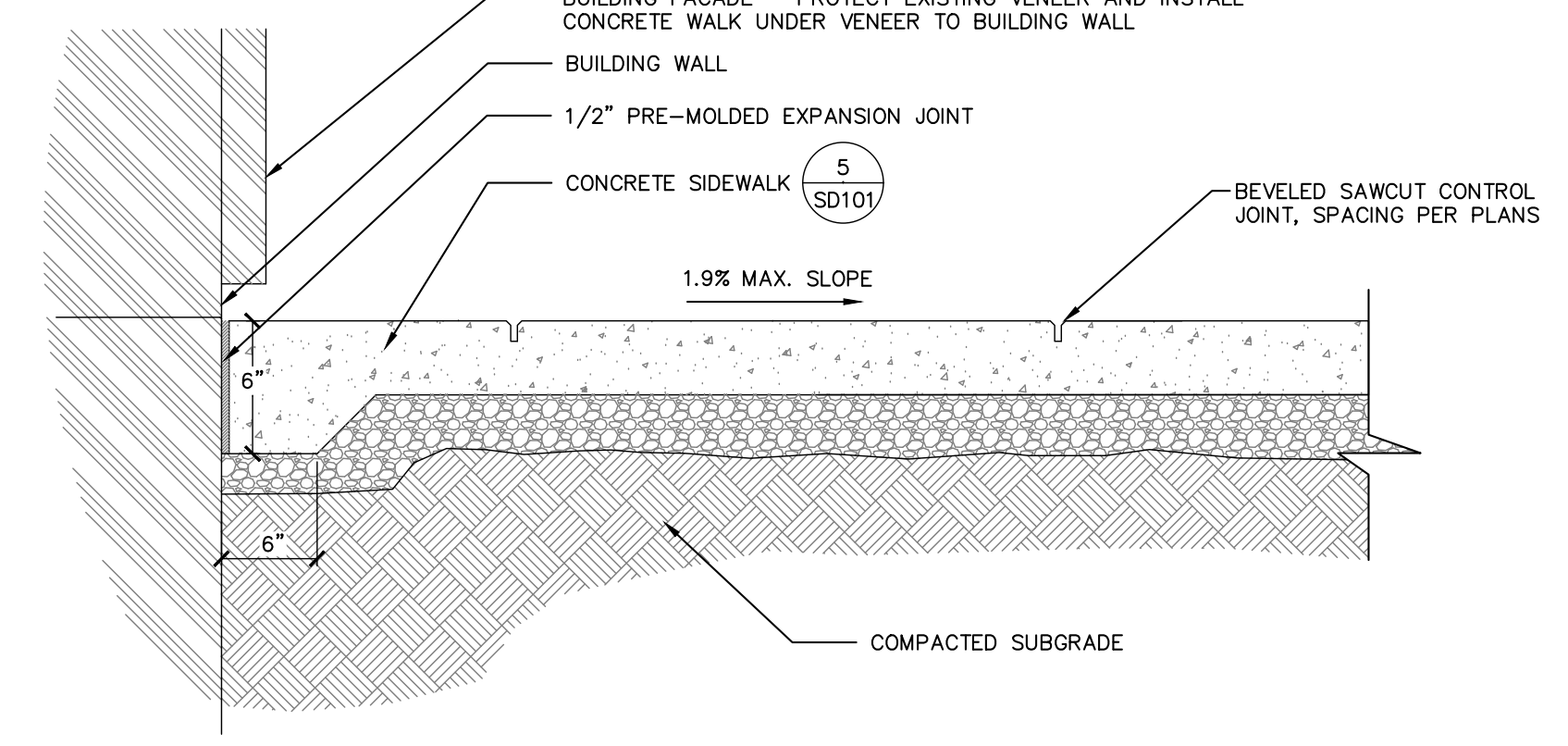
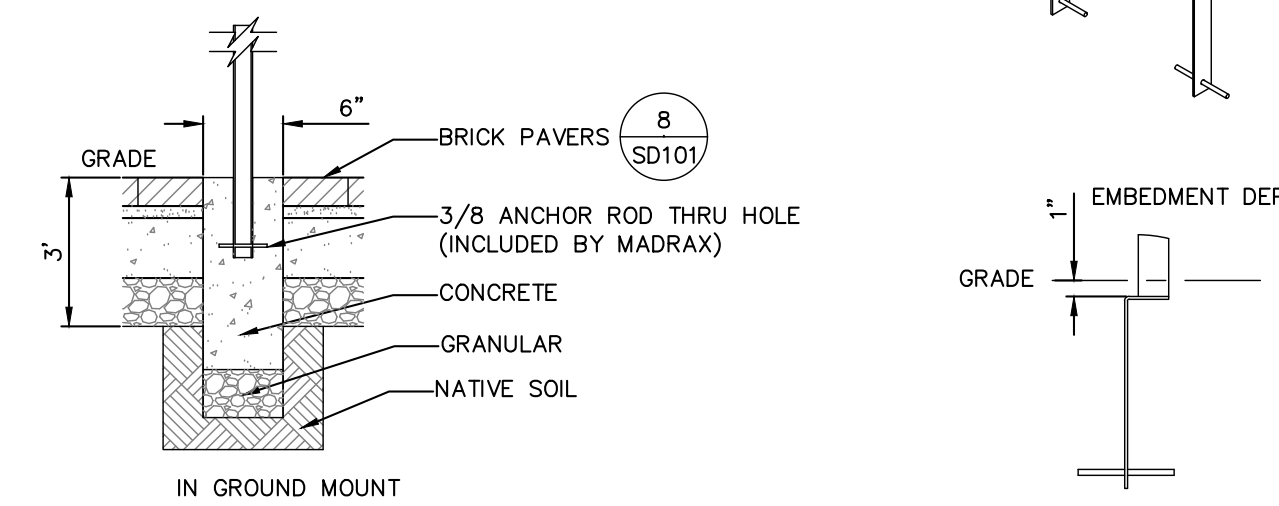
ROLLED CONCRETE CURB & GUTTER (7) SD102
 NOT TO SCALE

NOTE:
 1. ALL CURB SHALL BE CONSTRUCTED OF CLASS "A" CONCRETE.
 2. CONTRACTOR SHALL COORDINATE GUTTER PITCH WITH GRADING PLANS TO ENSURE POSITIVE DRAINAGE.
 3. ALL CURB AND GUTTER SHALL MATCH CITY OF AUBURN STANDARDS.
 4. SAWCUT CONTRACTION JOINT 1" DEEP AND PLACED EVERY 10' MAX O.C.

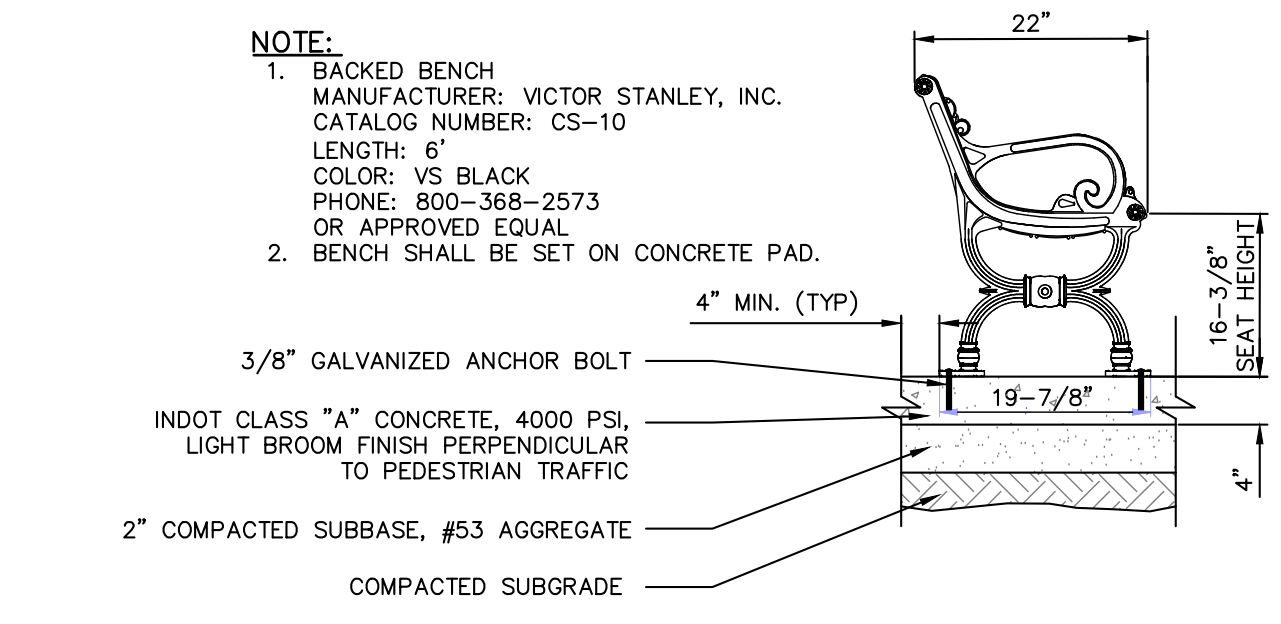


BIKE RACK (4) SD102
 NOT TO SCALE

NOTE:
 BIKE RACK IS TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR
 PHOENIX SINGLE SIDED BIKE RACK
 MANUFACTURER: MADRAX DIVISION OF GRABER MANUFACTURING, INC.
 PRODUCT: PHX-SNG-ROTARY
 PHONE: 1-800-448-7931
 INCLUDES CUSTOMIZED DECAL



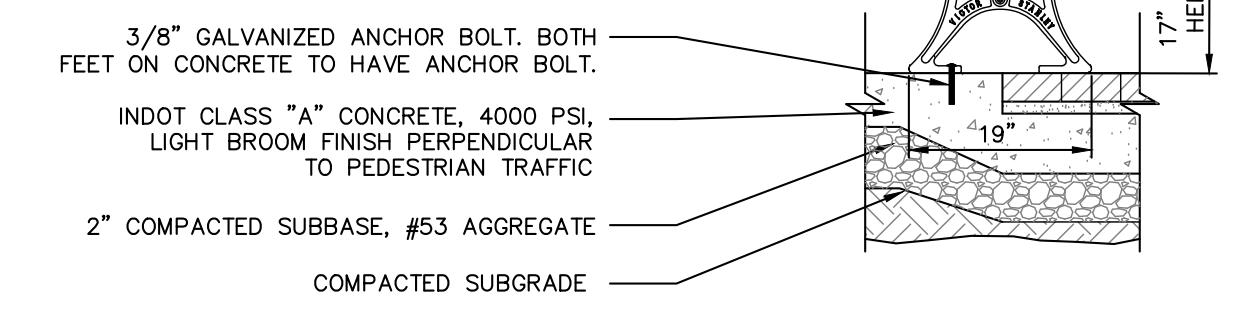
CONCRETE SIDEWALK AND BUILDING INTERFACE DETAIL (5) SD102
 NOT TO SCALE



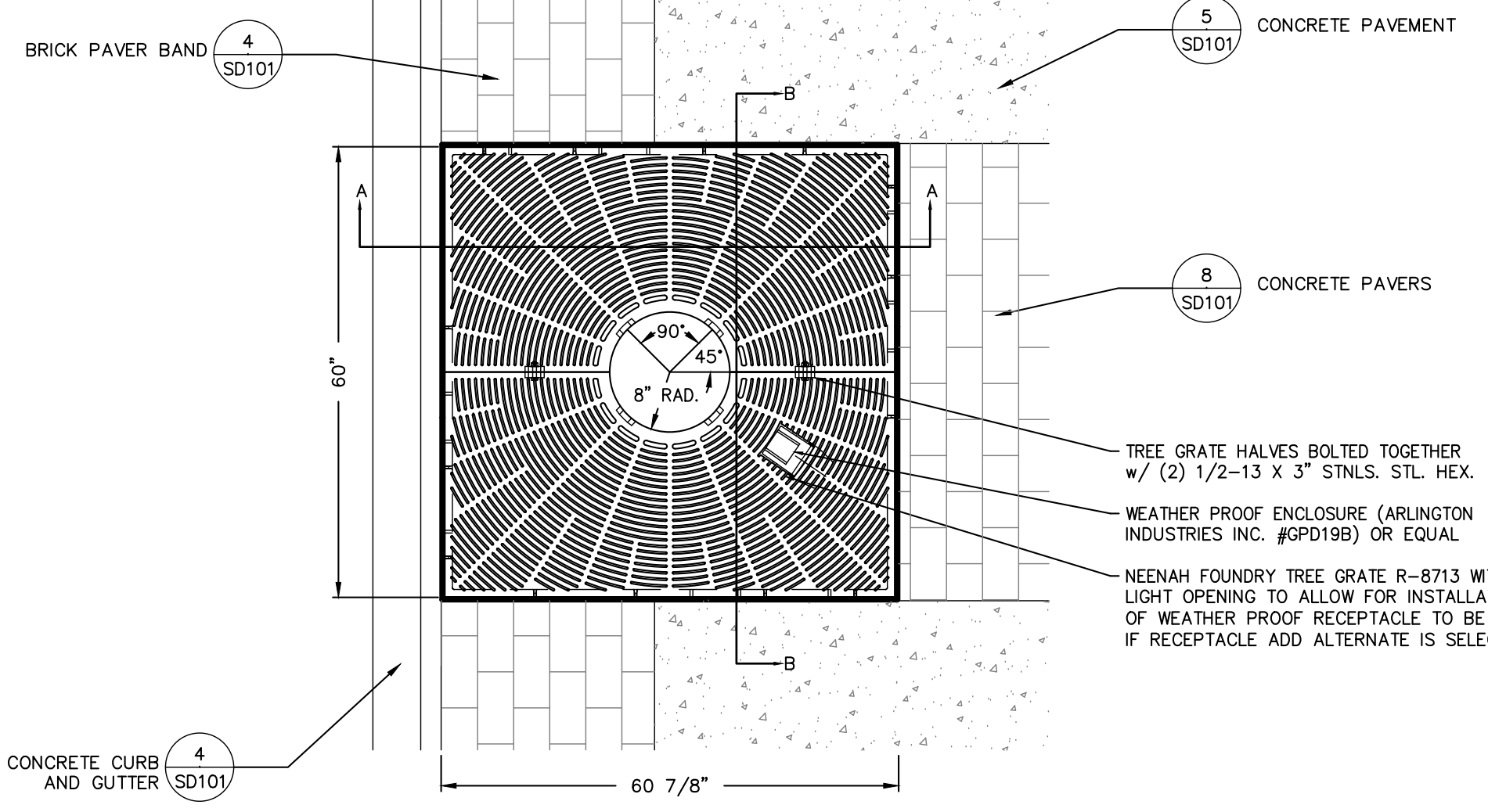
BACKED BENCH DETAIL (2) SD102
 NOT TO SCALE

NOTE:
 1. BACKED BENCH
 MANUFACTURER: VICTOR STANLEY, INC.
 CATALOG NUMBER: CS-10
 LENGTH: 6'
 COLOR: VS BLACK
 PHONE: 800-368-2573
 OR APPROVED EQUAL
 2. BENCH SHALL BE SET ON CONCRETE PAD.

NOTE:
 BACKLESS BENCH
 MANUFACTURER: VICTOR STANLEY, INC.
 CATALOG NUMBER: CR-298
 LENGTH: 6'
 COLOR: VS BLACK
 PHONE: 800-368-2573
 OR APPROVED EQUAL



BACKLESS BENCH DETAIL (3) SD102
 NOT TO SCALE



PLAN VIEW

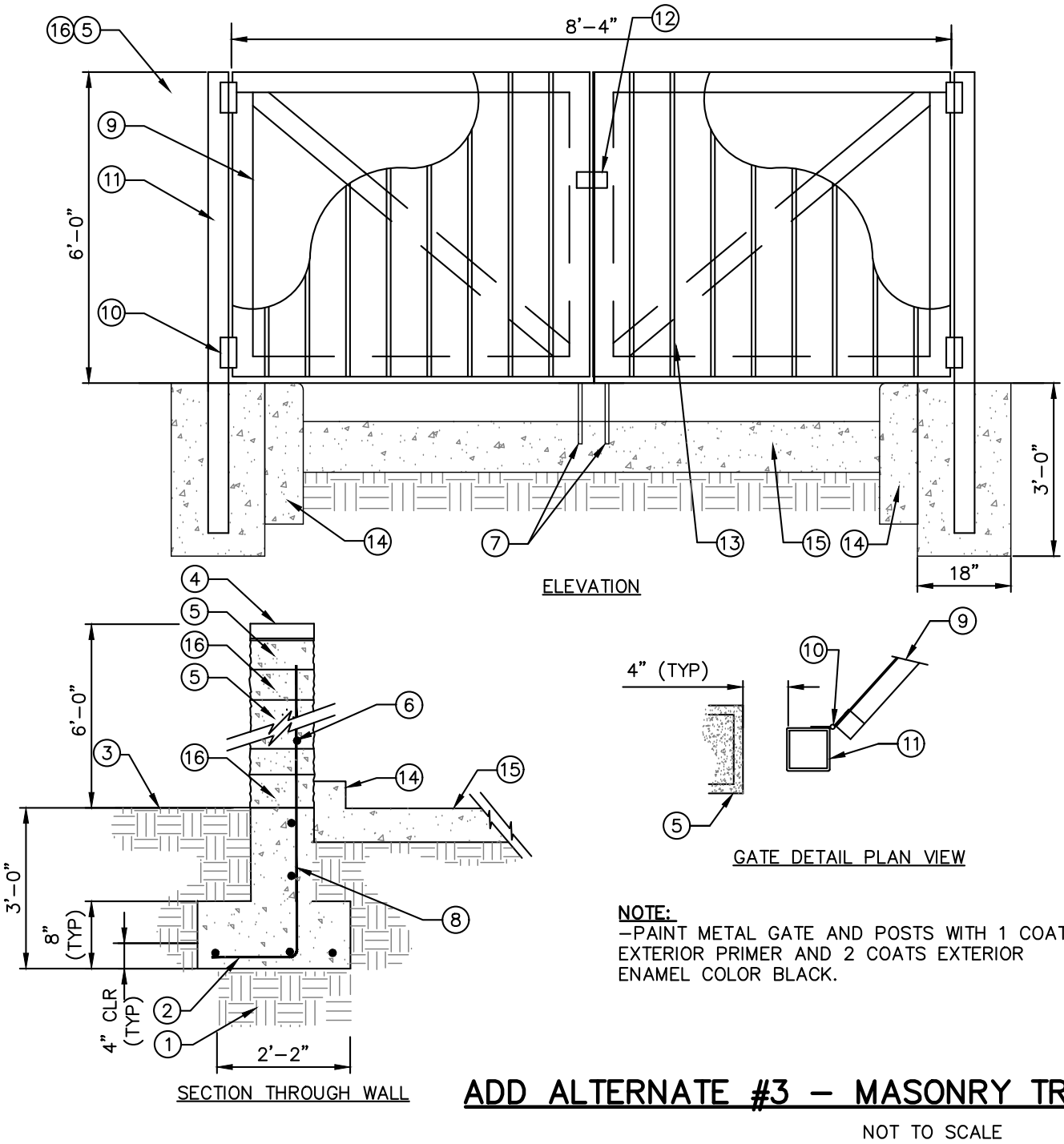
REV	DESCRIPTION	BY	DATE

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6TH & MAIN STREETSCAPE
 CITY OF AUBURN
 210 EAST NINTH STREET
 AUBURN, IN 46706
DETAIL SHEET

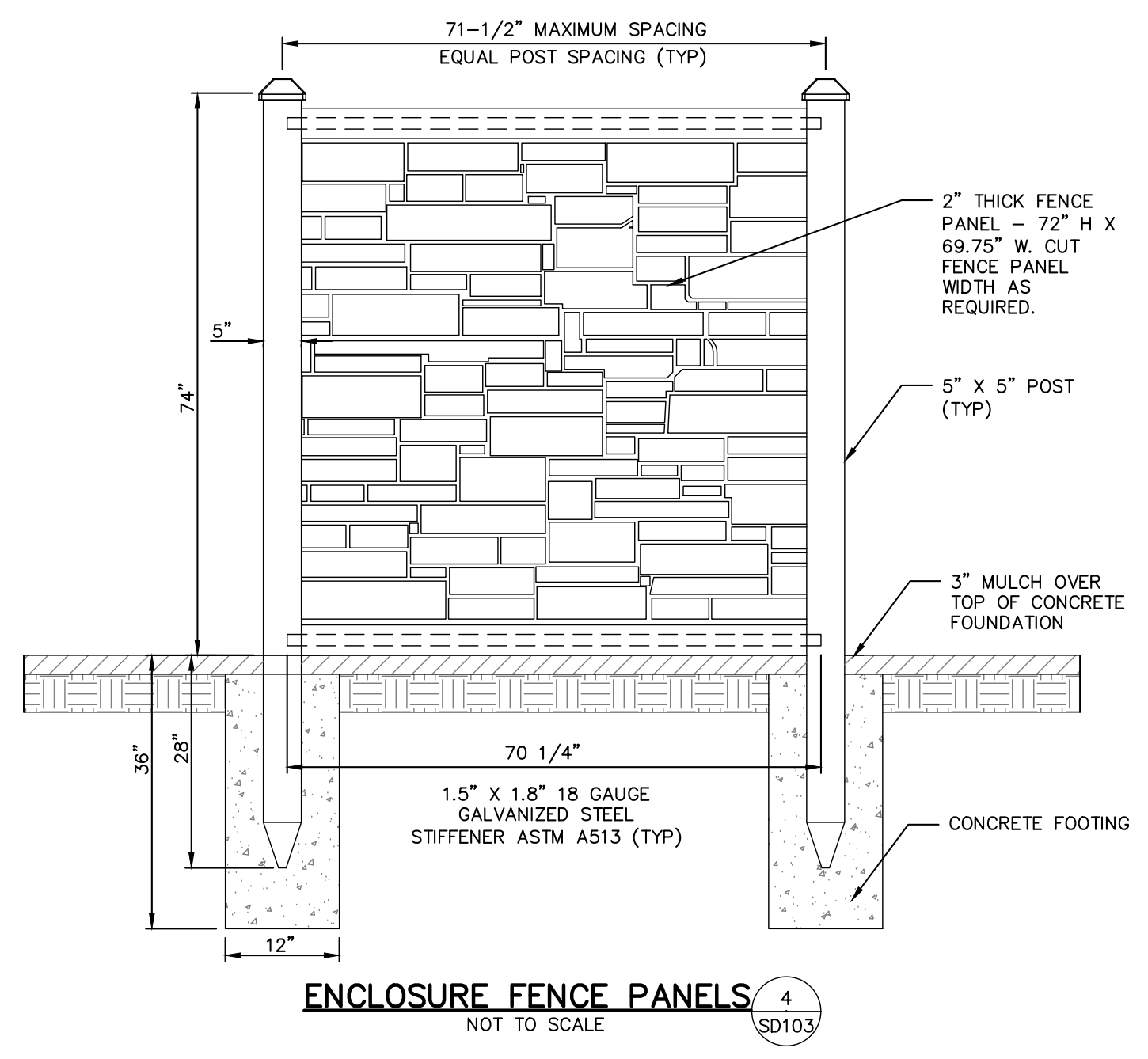
DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	NONE
	SD102



- LEGEND:**
- 1 COMPACTED SUBGRADE
 - 2 8" CONC. FOOTING W. (3) #4 REBAR X CONT. AND #4 REBAR AT 24" O.C.
 - 3 PLANTING AREA, SEE PLANS
 - 4 PRECAST CONCRETE CAP
 - 5 8" X 8" X 16" CMU BLOCK, SPLIT FACE, SANDSTONE "S" SERIES COLOR FROM MASOLITE OR APPROVED EQUAL
 - 6 #4 REBAR VERTICAL (WALL) AT 24" O.C. (TYP)
 - 7 PROVIDE STEEL DROP ROD
 - 8 #4 REBAR X CONT.
 - 9 2" X 2" X 3/16" TUBE STEEL FRAME GATE, COLOR BLACK
 - 10 HEAVY GATE HINGE (TYP) HINGE COLOR TO MATCH GATE, CONTINUOUS WELD TO STEEL FRAME AND POST AND GRIND SMOOTH
 - 11 6" X 6" X 1/4" TUBE STEEL POST W/ CAP INTO 18" DIA. CONCRETE FOUNDATION 36" DEEP
 - 12 SET 1/2" DIA GALVANIZED STEEL ROD INTO DROP ROD ASSEMBLY. WELD ASSEMBLY TO GATE FRAME PER MANUFACTURER RECOMMENDATIONS. CONTRACTOR TO PROVIDE LOCK AND KEY.
 - 13 20 GA. GALVANIZED METAL ROOF DECK, FM-2 TYPE, COLOR BLACK
 - 14 6" CONCRETE CURB, SEE DETAIL 9 ON SD101
 - 15 CONCRETE SLAB, 8" THICK
 - 16 8" X 8" X 16" CMU BLOCK, SPLIT FACE, CHARCOAL "S" SERIES COLOR FROM MASOLITE OR APPROVED EQUAL. LOCATED ON BASE COURSE AND SECOND COURSE OF BLOCK FROM TOP.

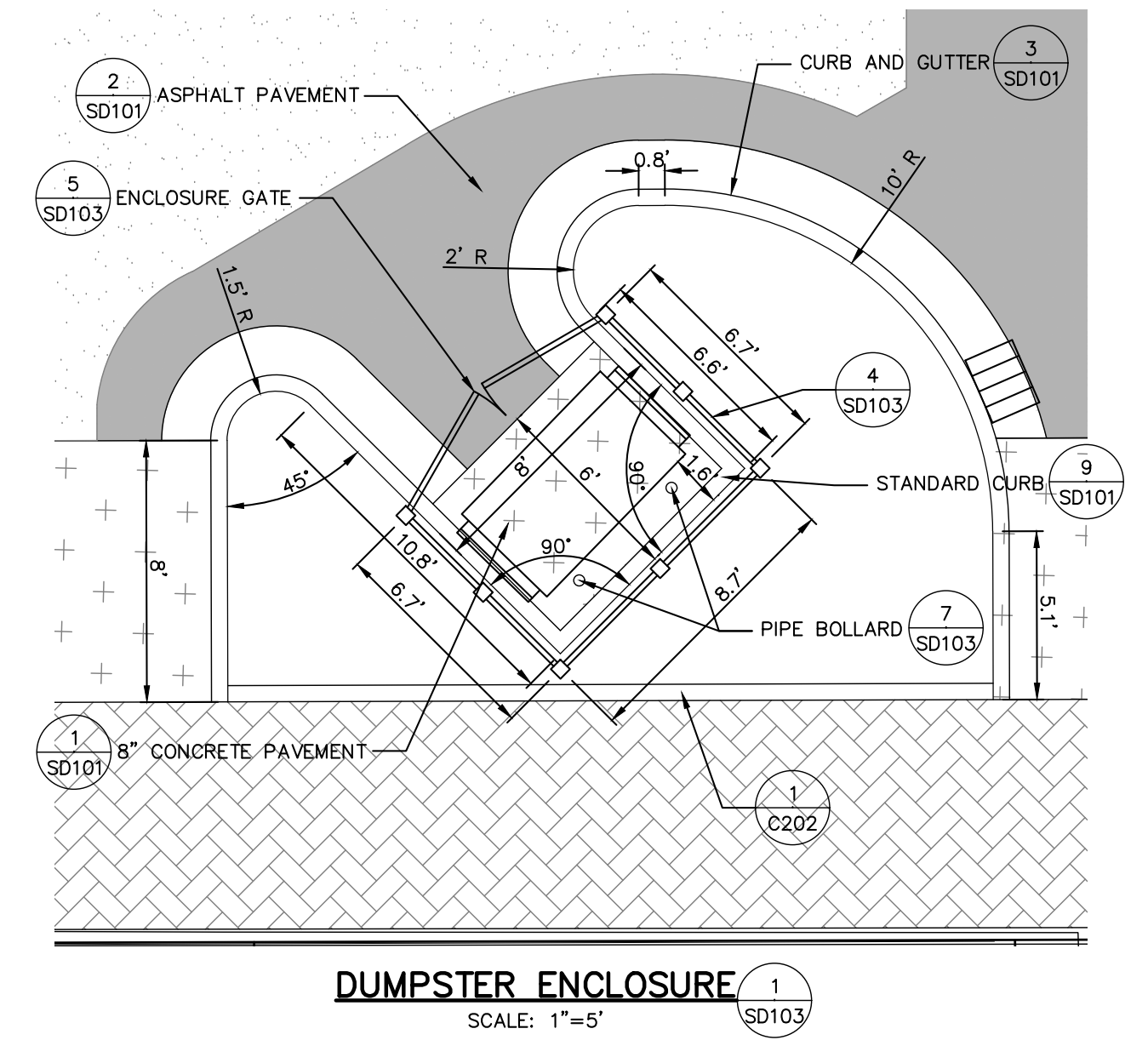
NOTE:
-PAINT METAL GATE AND POSTS WITH 1 COAT EXTERIOR PRIMER AND 2 COATS EXTERIOR ENAMEL COLOR BLACK.

ADD ALTERNATE #3 - MASONRY TRASH ENCLOSURE (6) SD103
NOT TO SCALE

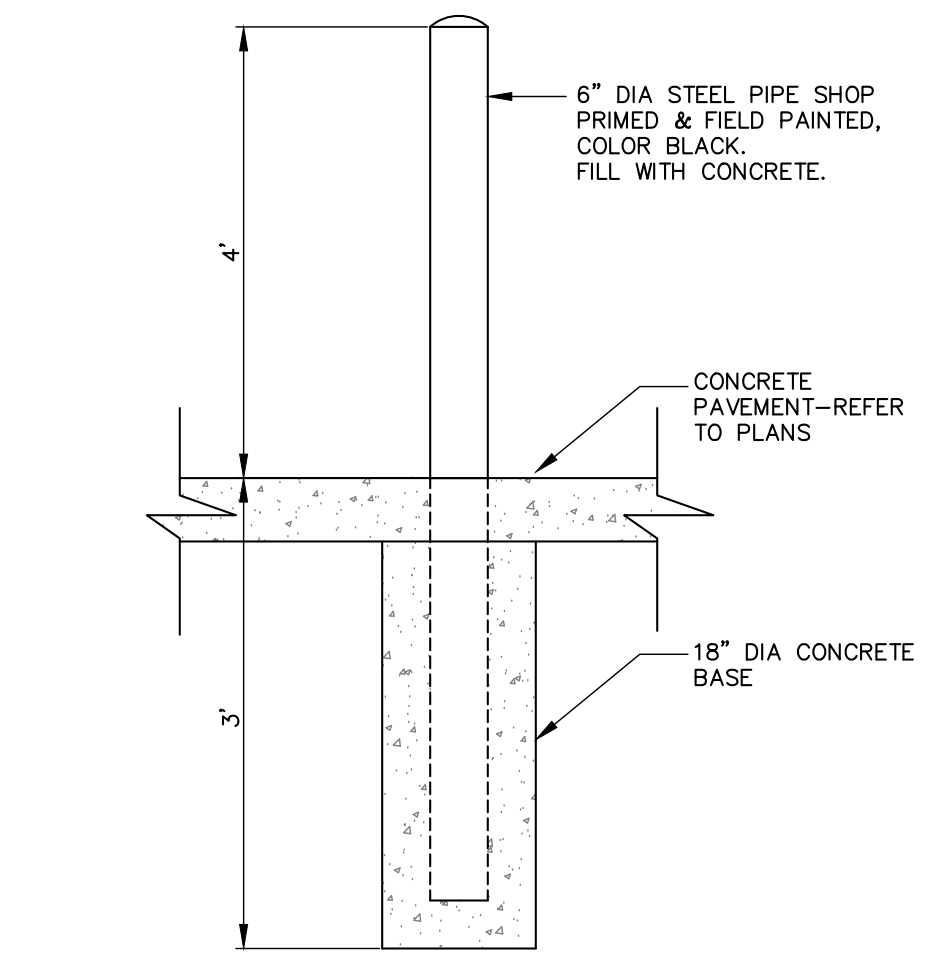


- NOTES:**
1. INSTALL FENCE POSTS AND ATTACH FENCE PANEL TO POSTS PER MANUFACTURERS SPECIFICATIONS.
 2. TOP OF CONCRETE FOOTING SHALL BE SLOPED AWAY FROM POST TO PROVIDE DRAINAGE AWAY FROM POST.
 3. ALL FENCE ENCLOSURES SHALL BE ECOSTONE PLUS POSTS AND PANELS THROUGH SIMTEK, COLOR: BEIGE GRANITE OR APPROVED EQUAL.

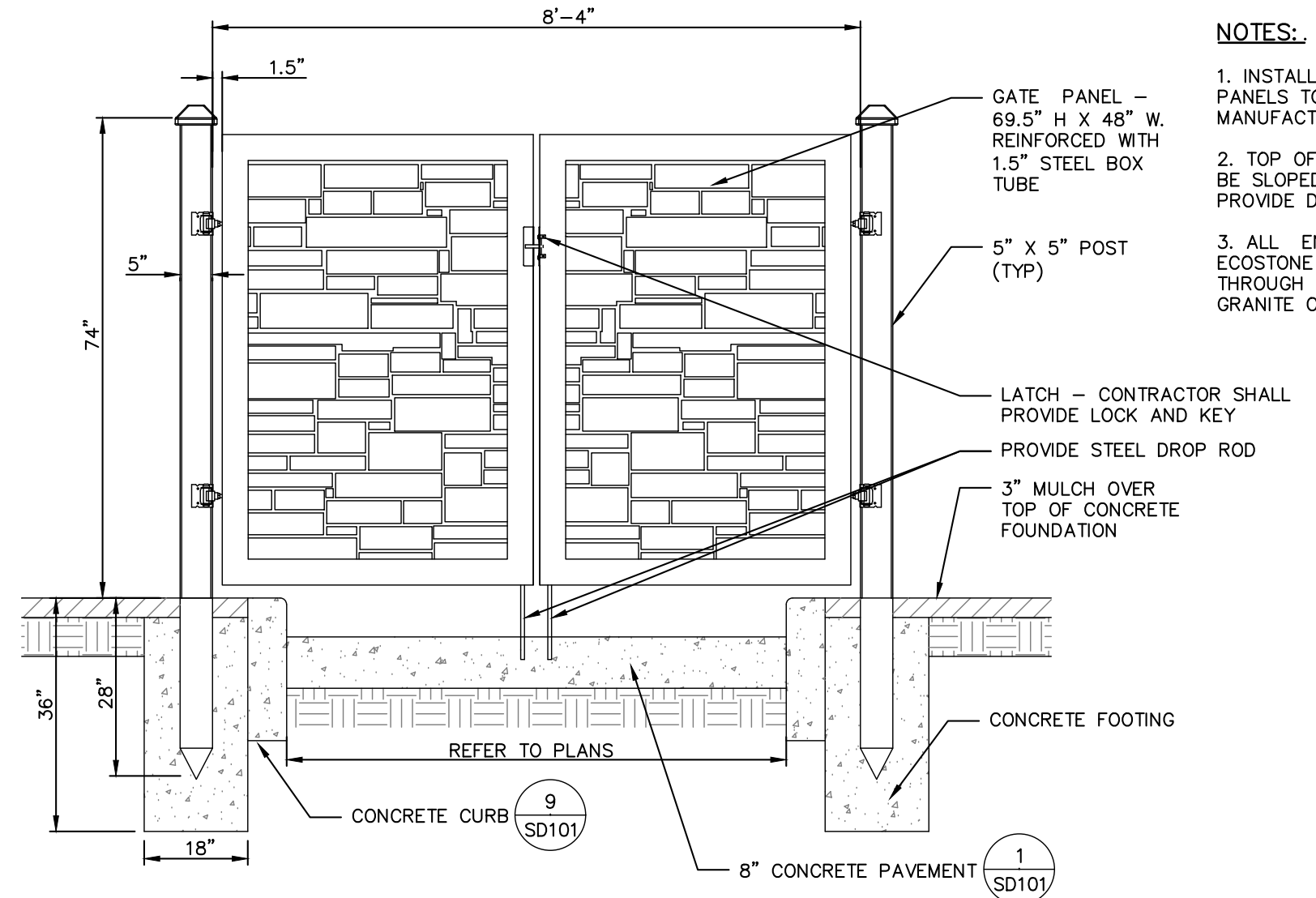
ENCLOSURE FENCE PANELS (4) SD103
NOT TO SCALE



DUMPSTER ENCLOSURE (1) SD103
SCALE: 1"=5'

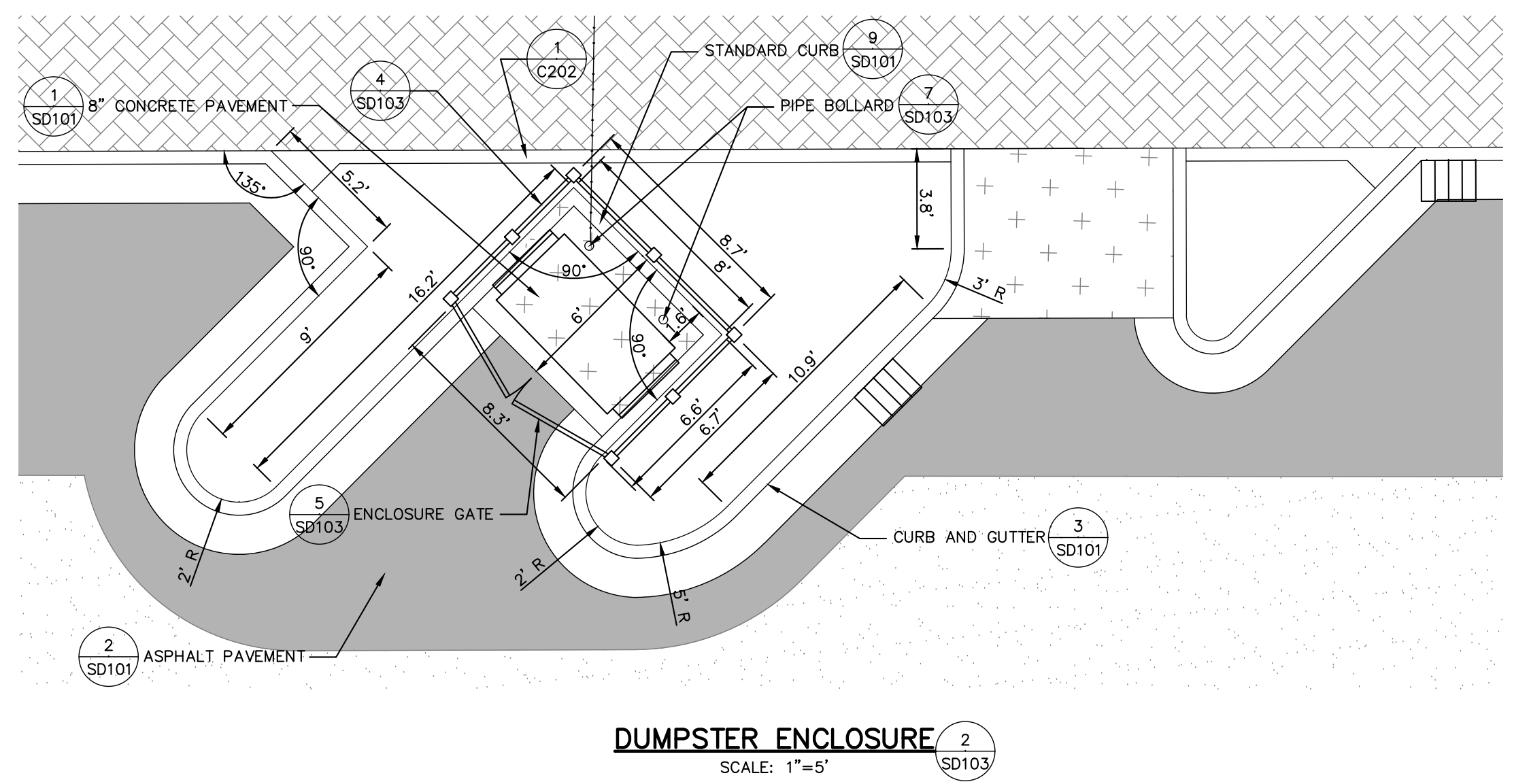


PIPE BOLLARD DETAIL (7) SD103
NOT TO SCALE



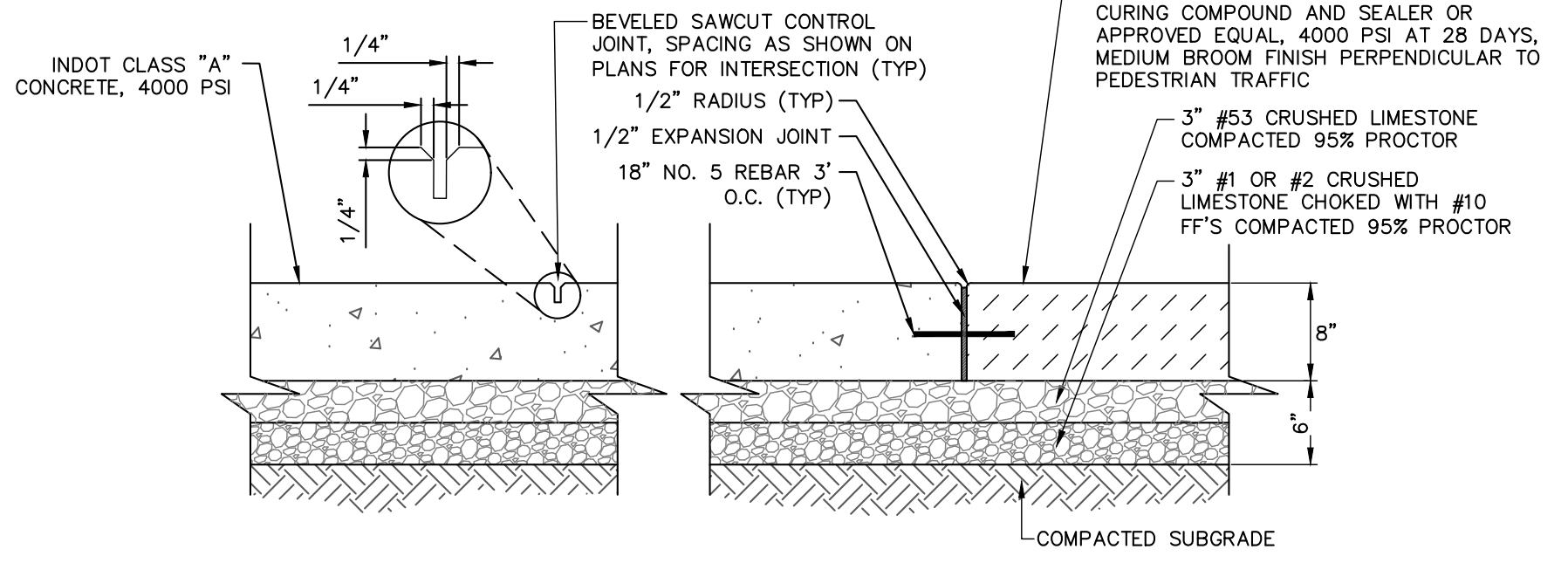
- NOTES:**
1. INSTALL GATE POSTS AND GATE PANELS TO POSTS PER MANUFACTURERS SPECIFICATIONS.
 2. TOP OF CONCRETE FOOTING SHALL BE SLOPED AWAY FROM POST TO PROVIDE DRAINAGE AWAY FROM POST.
 3. ALL ENCLOSURE GATES SHALL BE ECOSTONE PLUS POSTS AND PANELS THROUGH SIMTEK, COLOR: BEIGE GRANITE OR APPROVED EQUAL.

ENCLOSURE GATE (5) SD103
NOT TO SCALE

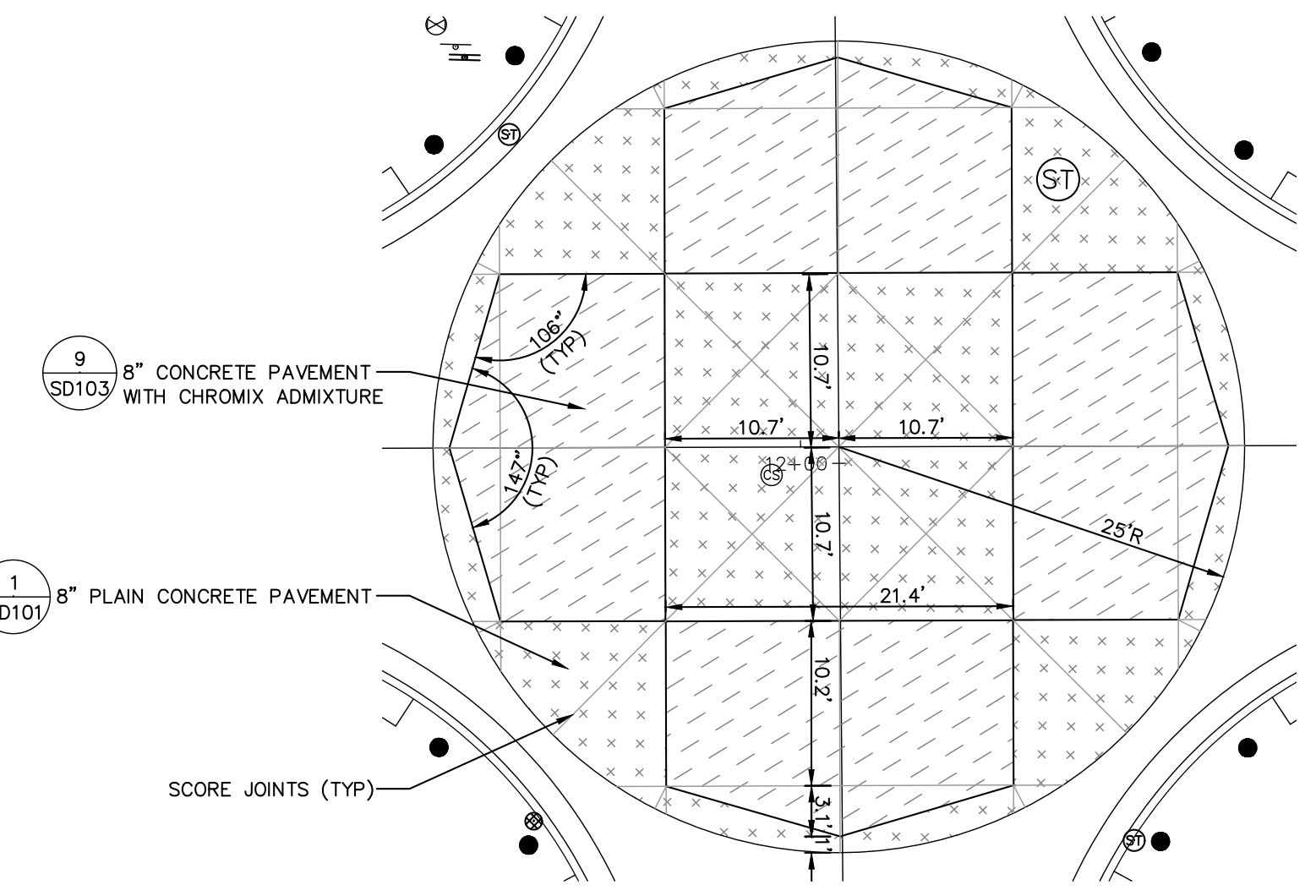


DUMPSTER ENCLOSURE (2) SD103
SCALE: 1"=5'

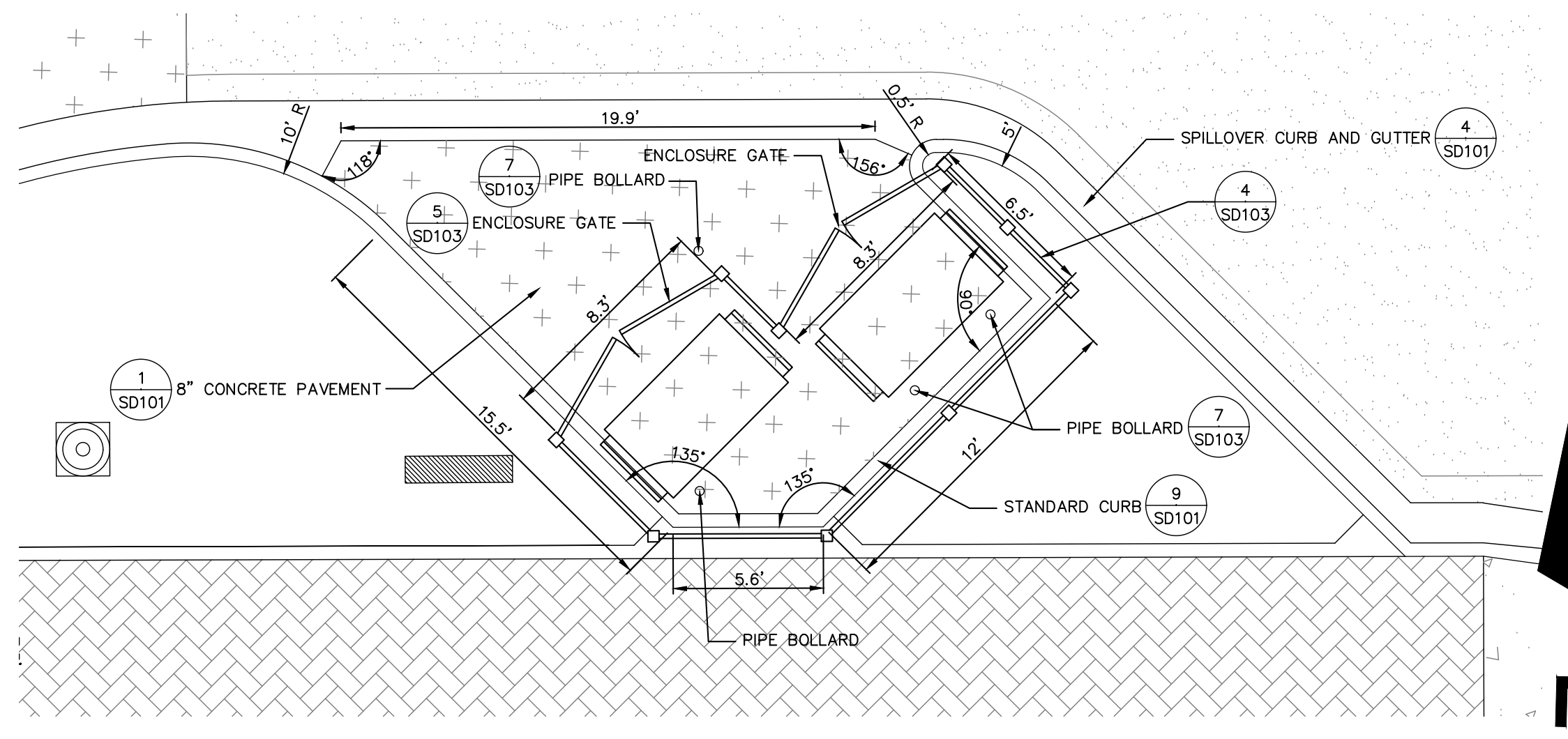
- NOTE:**
1. CHROMIX ADMIXTURES FOR COLOR-CONDITIONED CONCRETE MANUFACTURER: L. M. SCOFIELD COMPANY. CATALOG NUMBER: 1010 COLOR: BROWNSTONE PHONE: 800-800-9900 OR APPROVED EQUAL
 2. COLORURE CONCRETE CURING COMPOUND AND SEALER MANUFACTURER: L. M. SCOFIELD COMPANY. PHONE: 800-800-9900 OR APPROVED EQUAL
 3. CONCRETE COMPOUND AND SEALER SHALL BE APPLIED TWICE, ONCE 2-3 HOURS AFTER CONCRETE IS POURED AND ONCE THE FOLLOWING DAY.
 4. CONTRACTOR SHALL POUR TEST SLAB WITH CHROMIX ADMIXTURE FOR APPROVAL BY OWNER PRIOR TO STARTING CONSTRUCTION OF FINAL POUR.



8" CONCRETE PAVEMENTS DETAIL - ADD ALTERNATE #5 (9) SD103
NOT TO SCALE



INTERSECTION CIRCLE - ADD ALTERNATE #5 (8) SD103
SCALE: 1"=10'



DUMPSTER ENCLOSURE (3) SD103
SCALE: 1"=5'

DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	AS NOTED
SD103	

6TH & MAIN STREETSCAPE
CITY OF AUBURN
210 EAST NINTH STREET
AUBURN, IN 46706

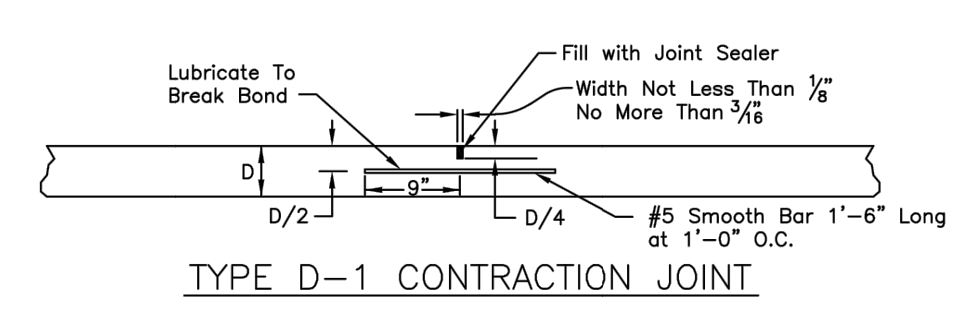
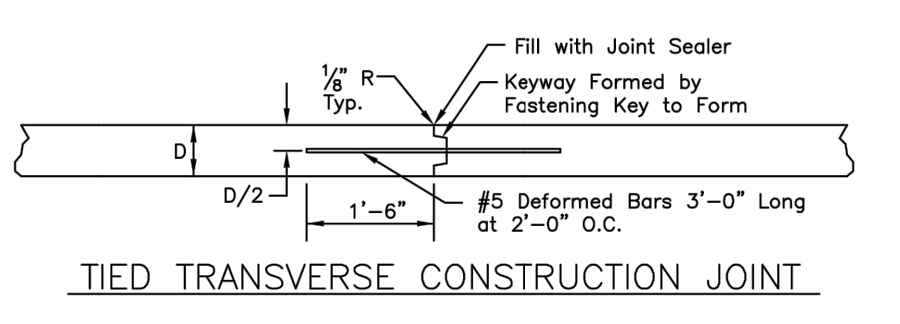
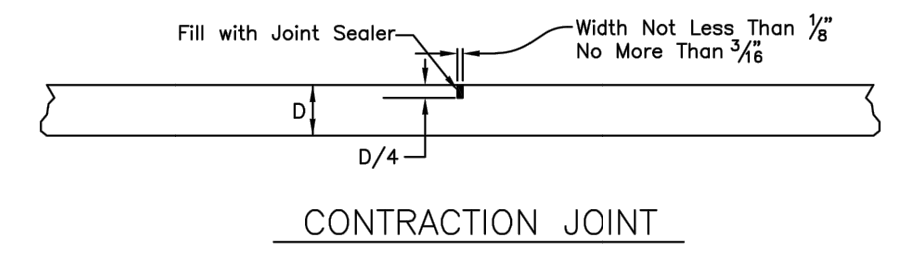
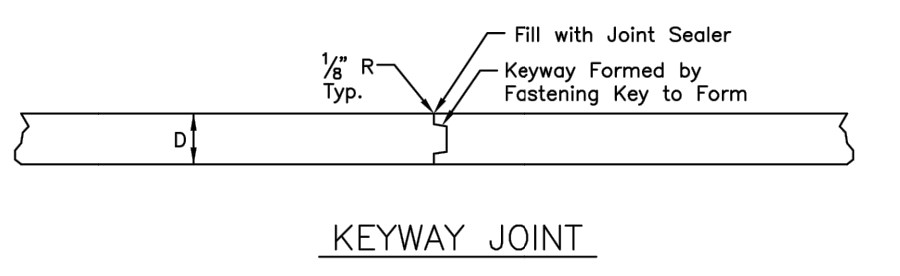
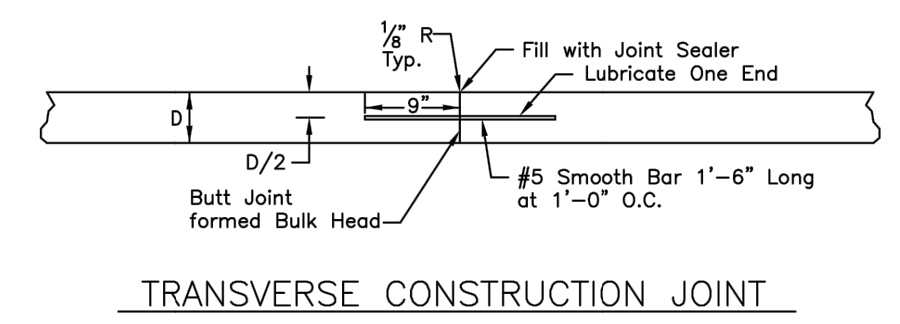
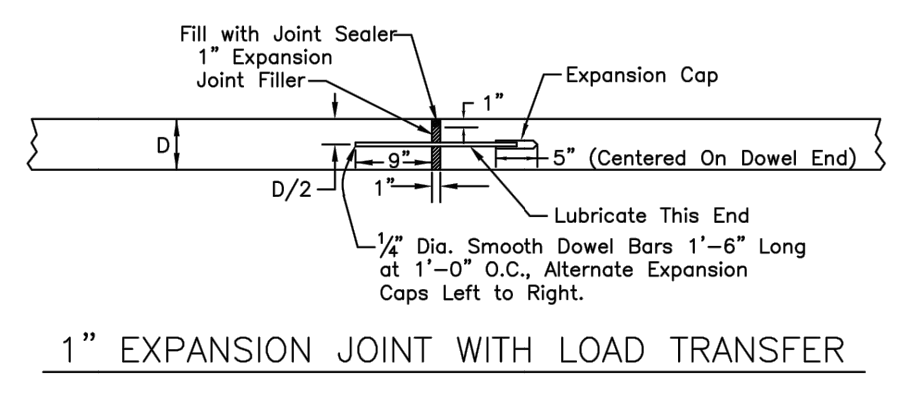
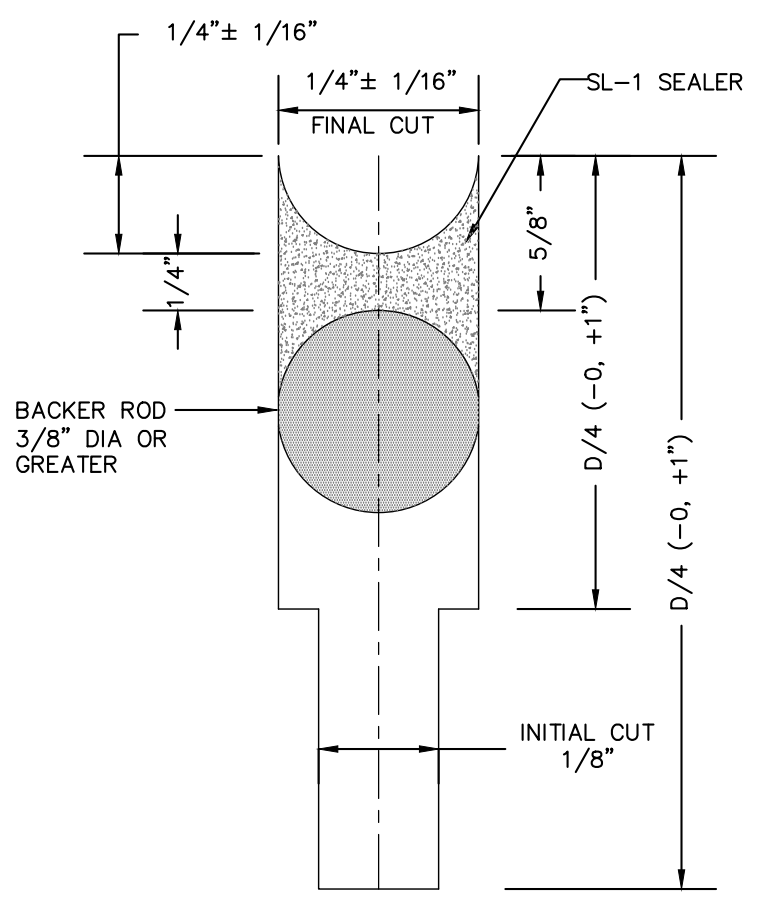
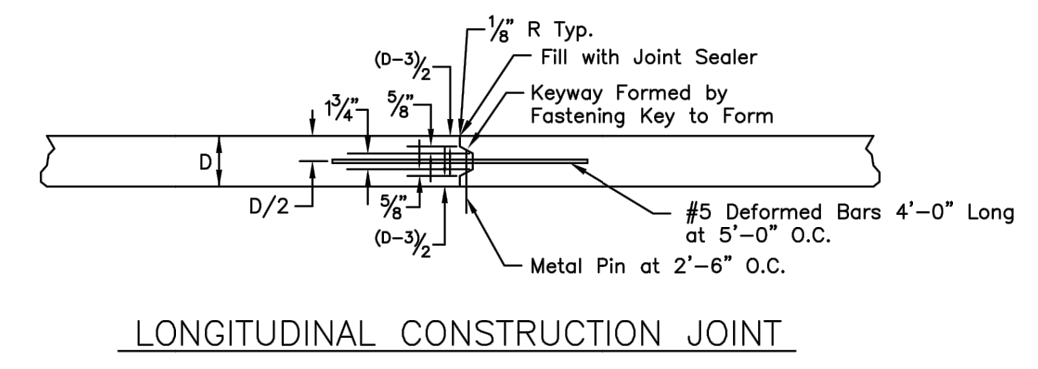
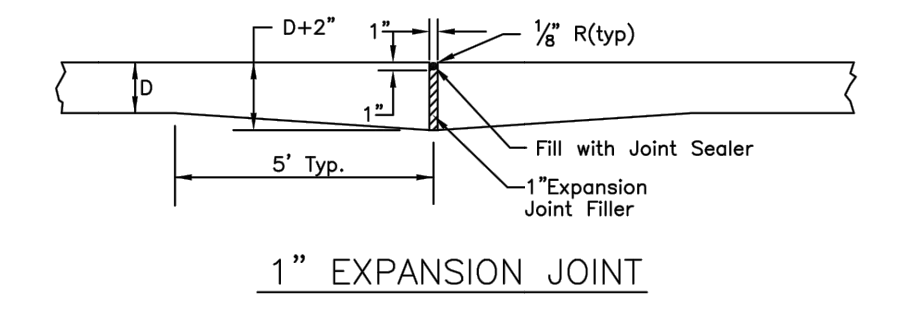
DETAIL SHEET

PRELIMINARY FOR 90% REVIEW PURPOSES ONLY

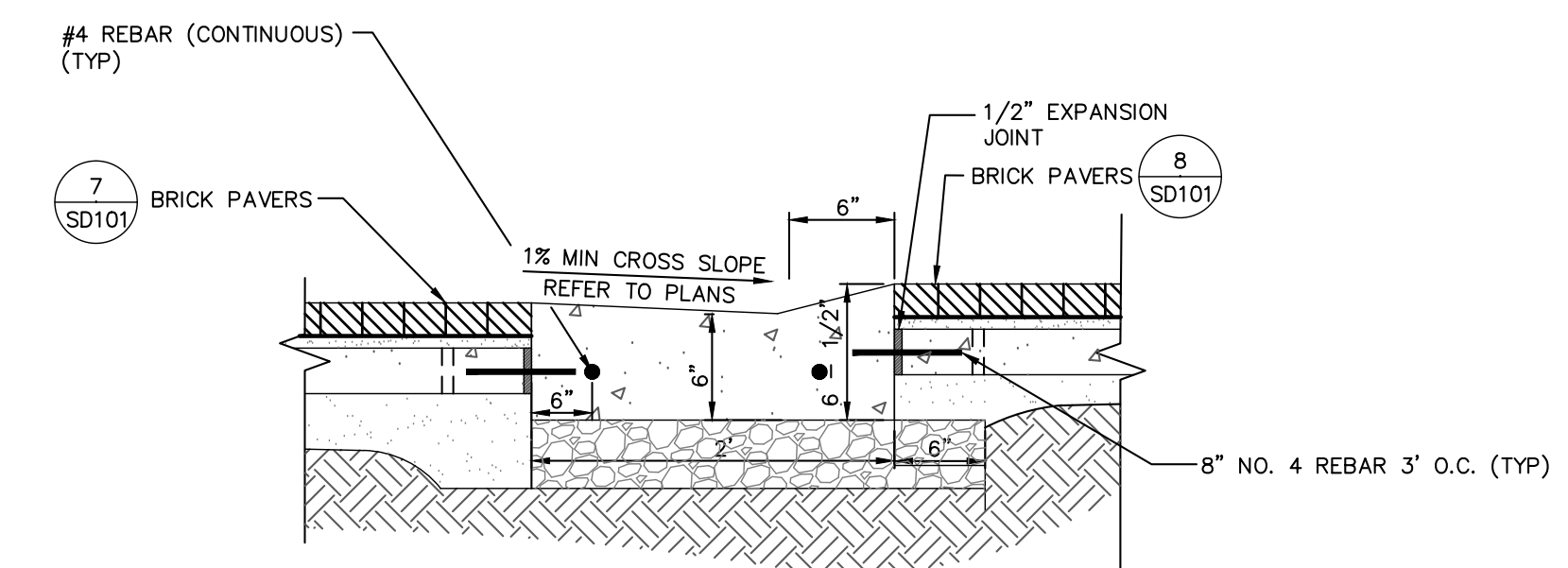
JONES PETRIE RAFINSKI
your one single source

Elkhart, Indiana P: 574.293.7762
South Bend, Indiana P: 574.232.4188
Fort Wayne, Indiana P: 264.422.2322

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CONCRETE PAVEMENT JOINTS
NOT TO SCALE
PER AUBURN STANDARD DETAIL ST14 & ST15
(OR MOST CURRENT)

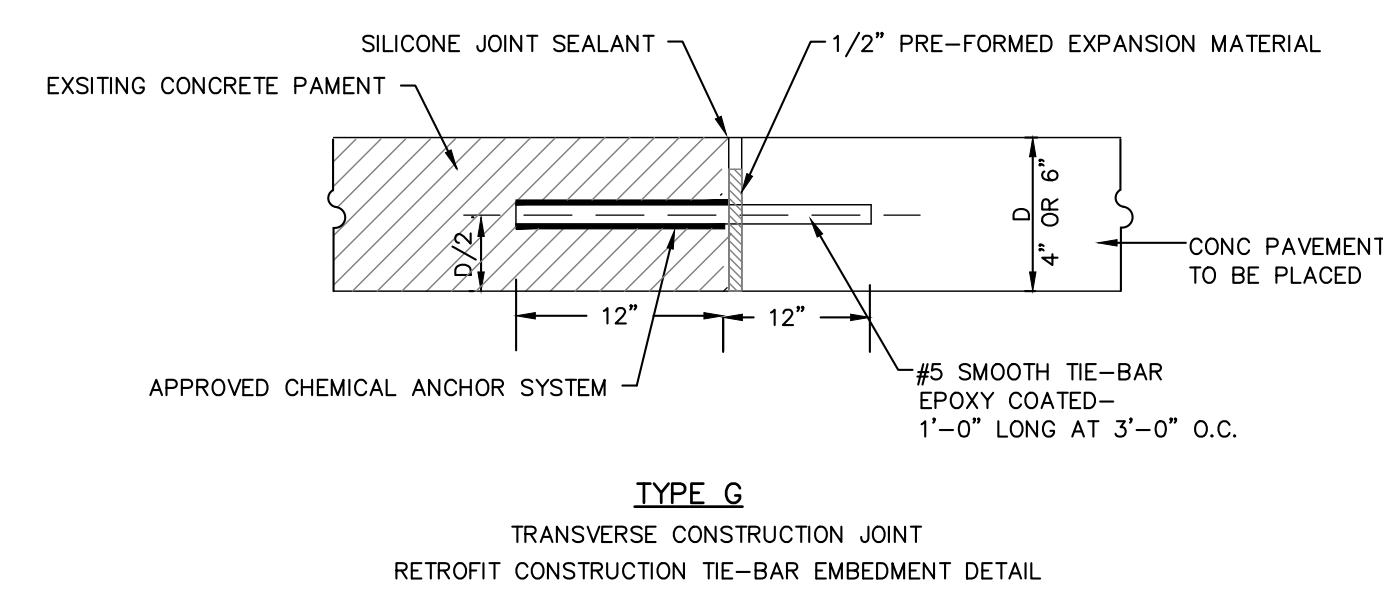
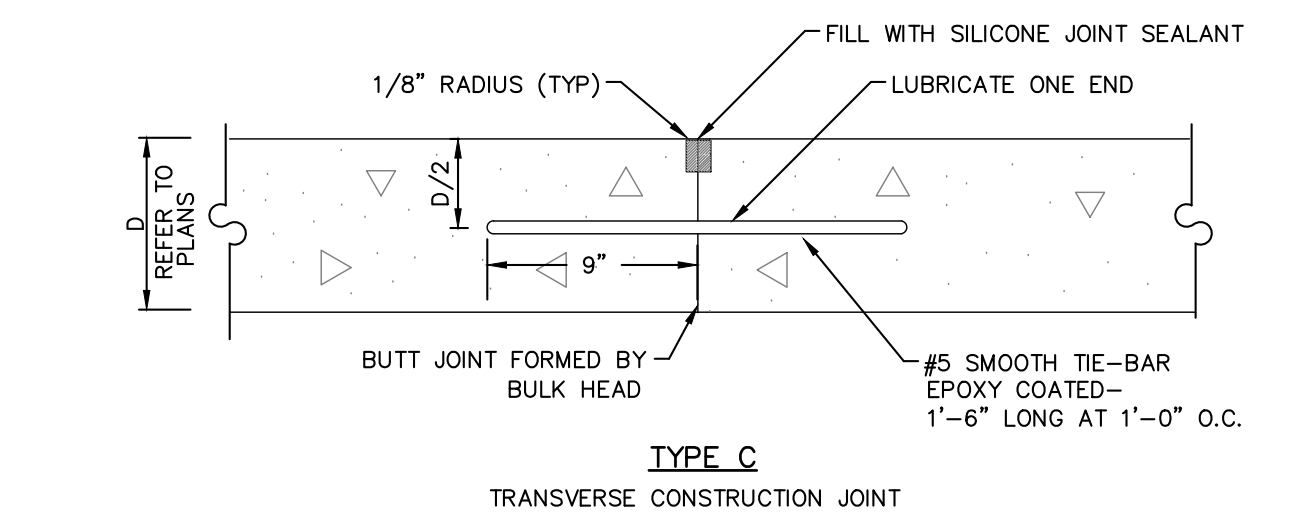
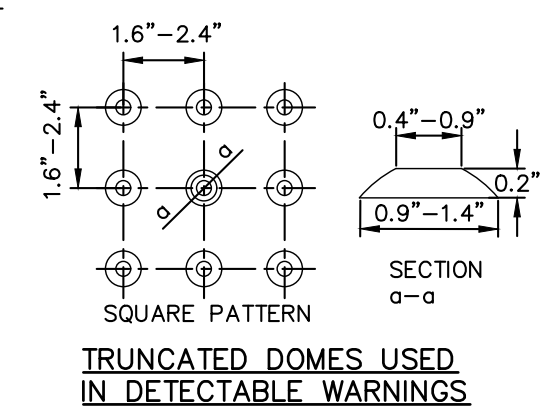


- NOTE:**
- ALL CURB SHALL BE CONSTRUCTED OF CLASS "A" CONCRETE.
 - CONTRACTOR SHALL COORDINATE GUTTER PITCH WITH GRADING PLANS & EXISTING ROAD GRADES TO ENSURE POSITIVE DRAINAGE.
 - ALL CURB AND GUTTER SHALL MATCH CITY OF AUBURN STANDARDS.

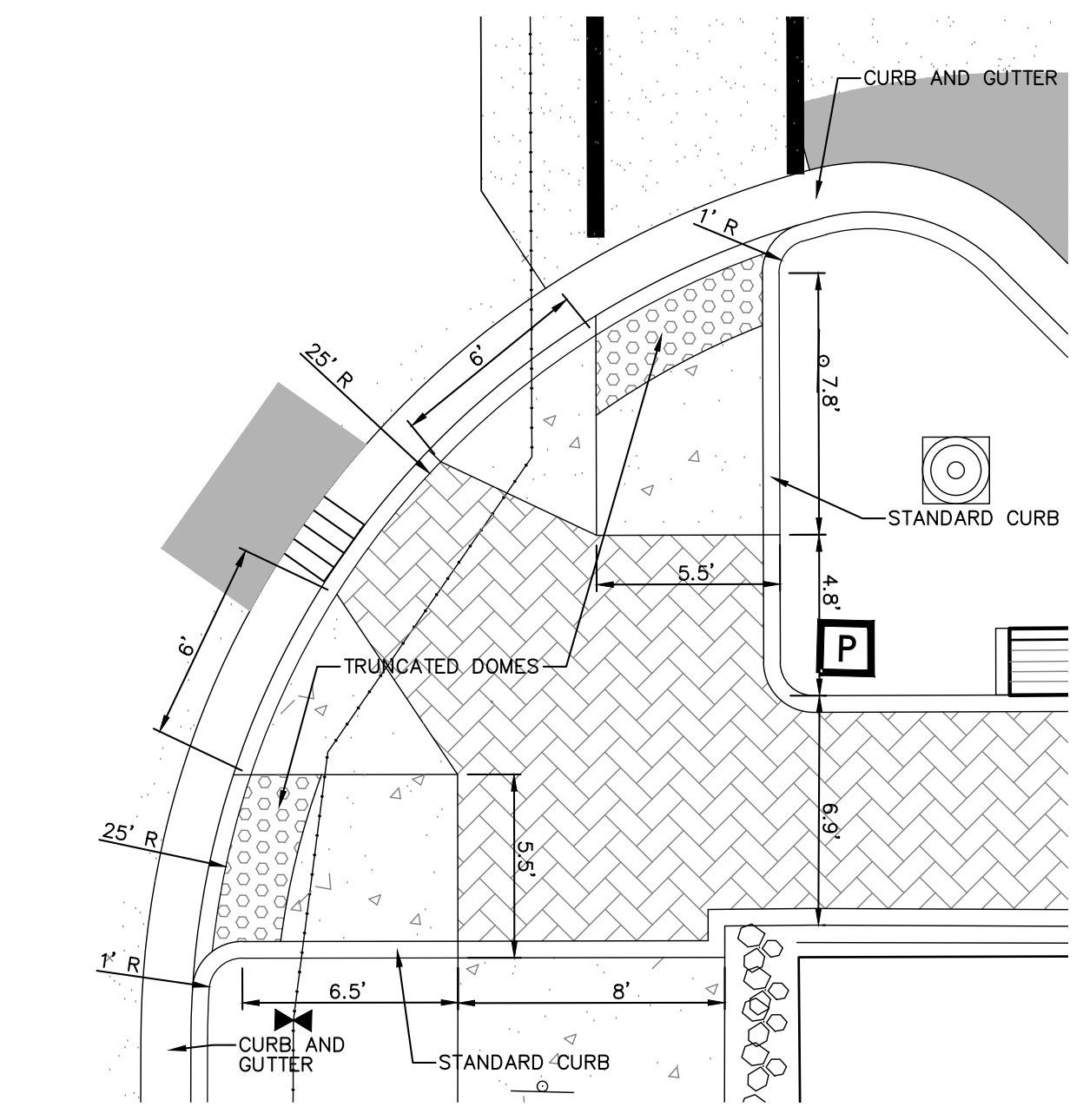
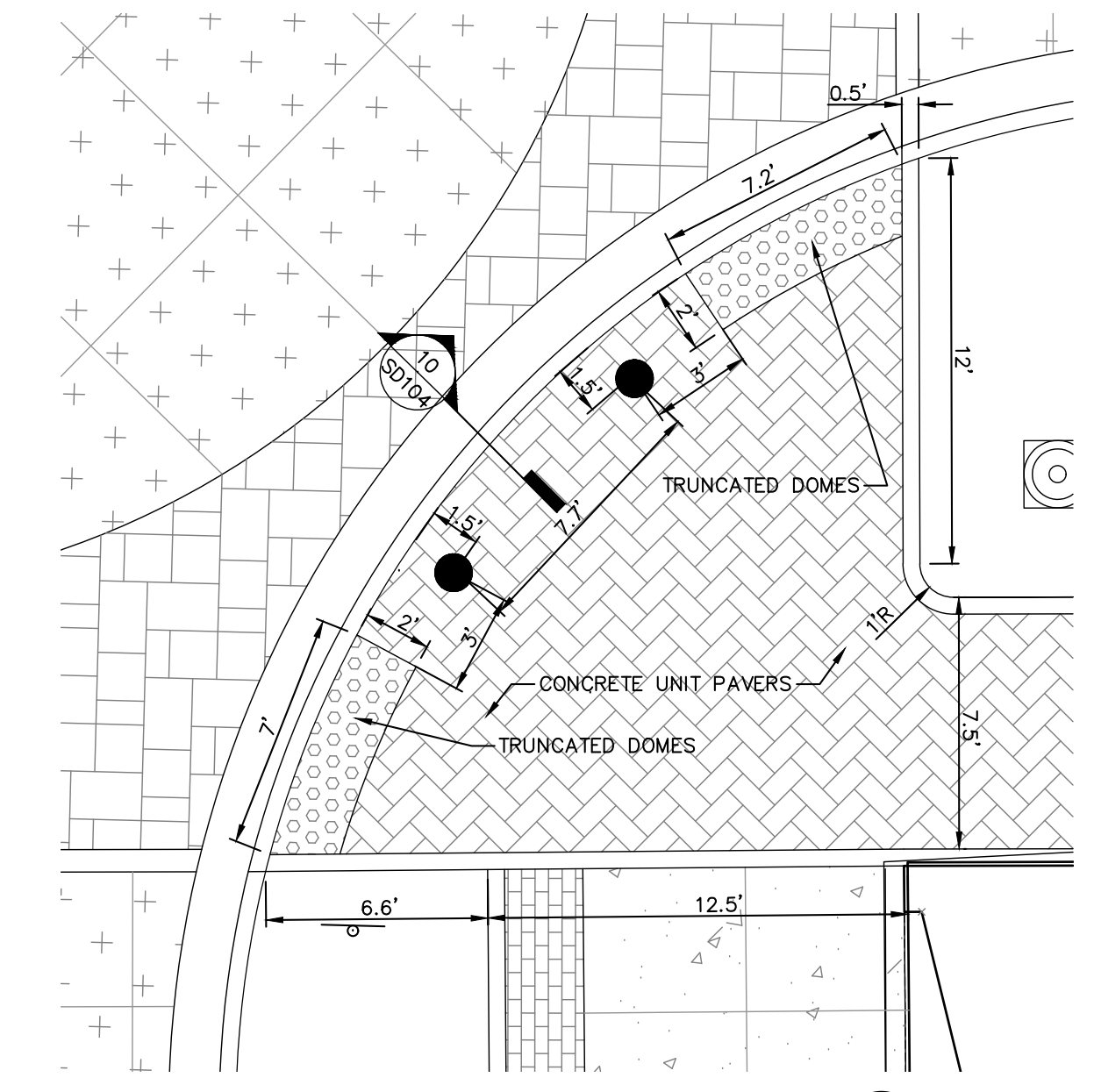
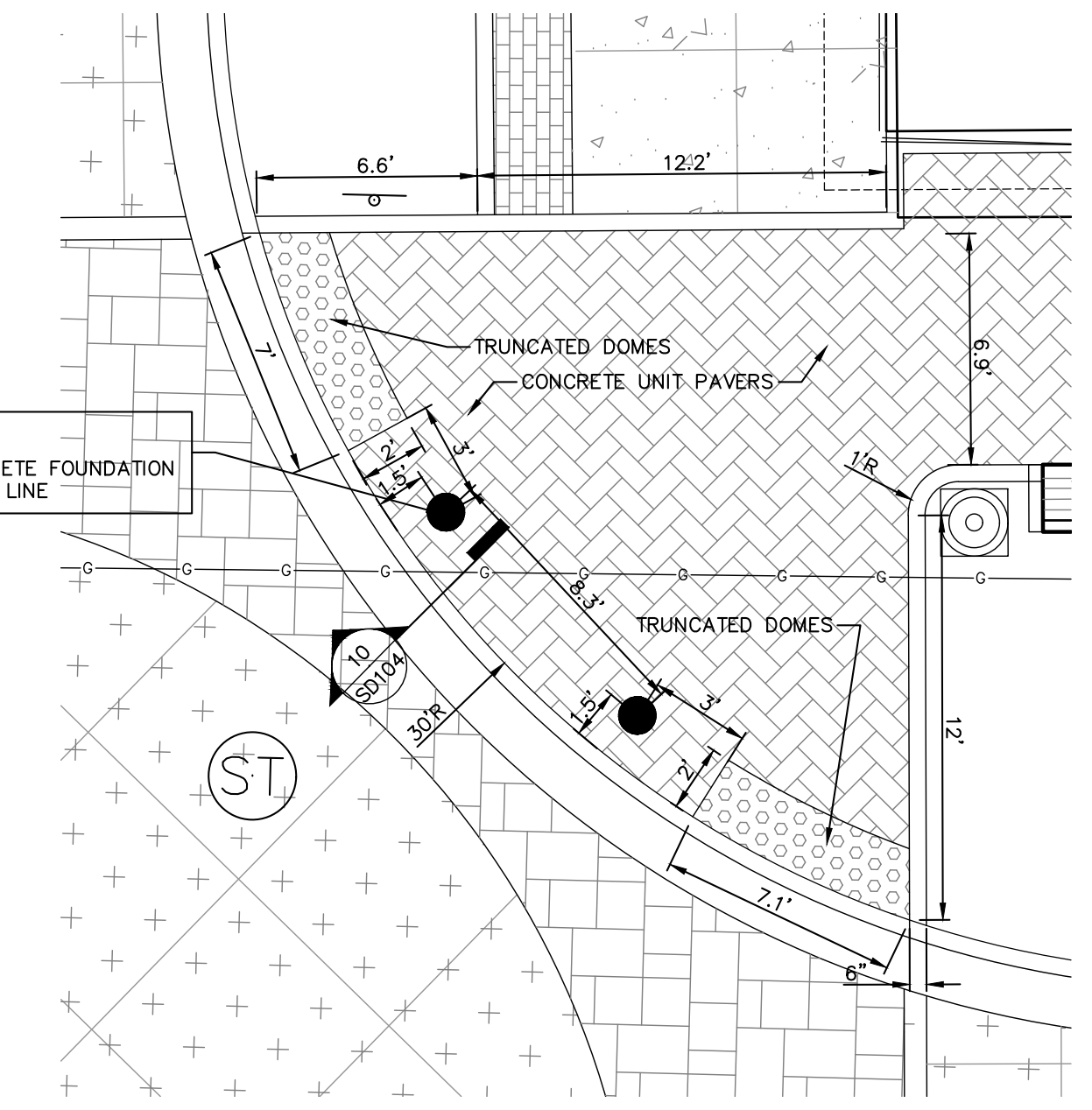
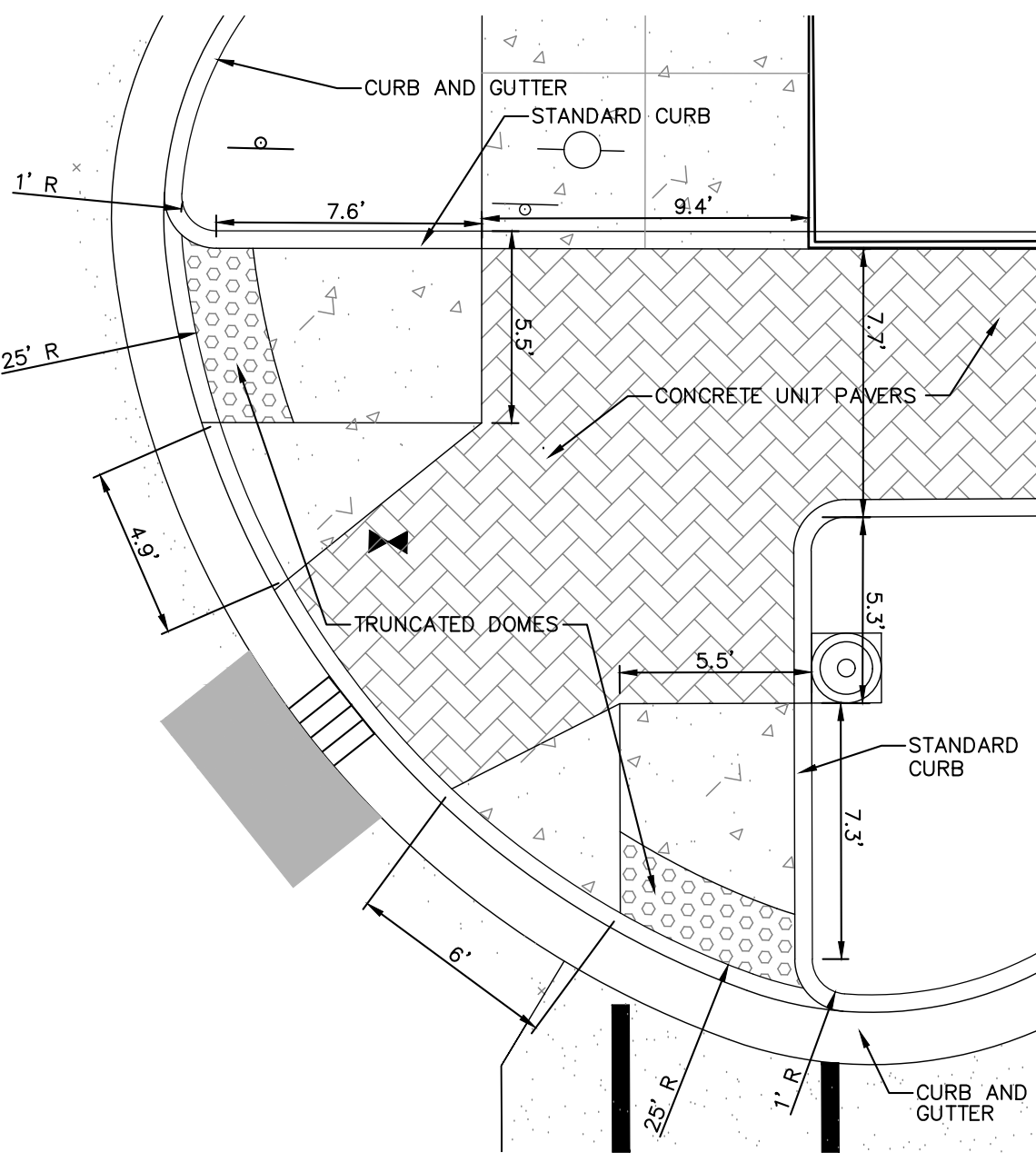
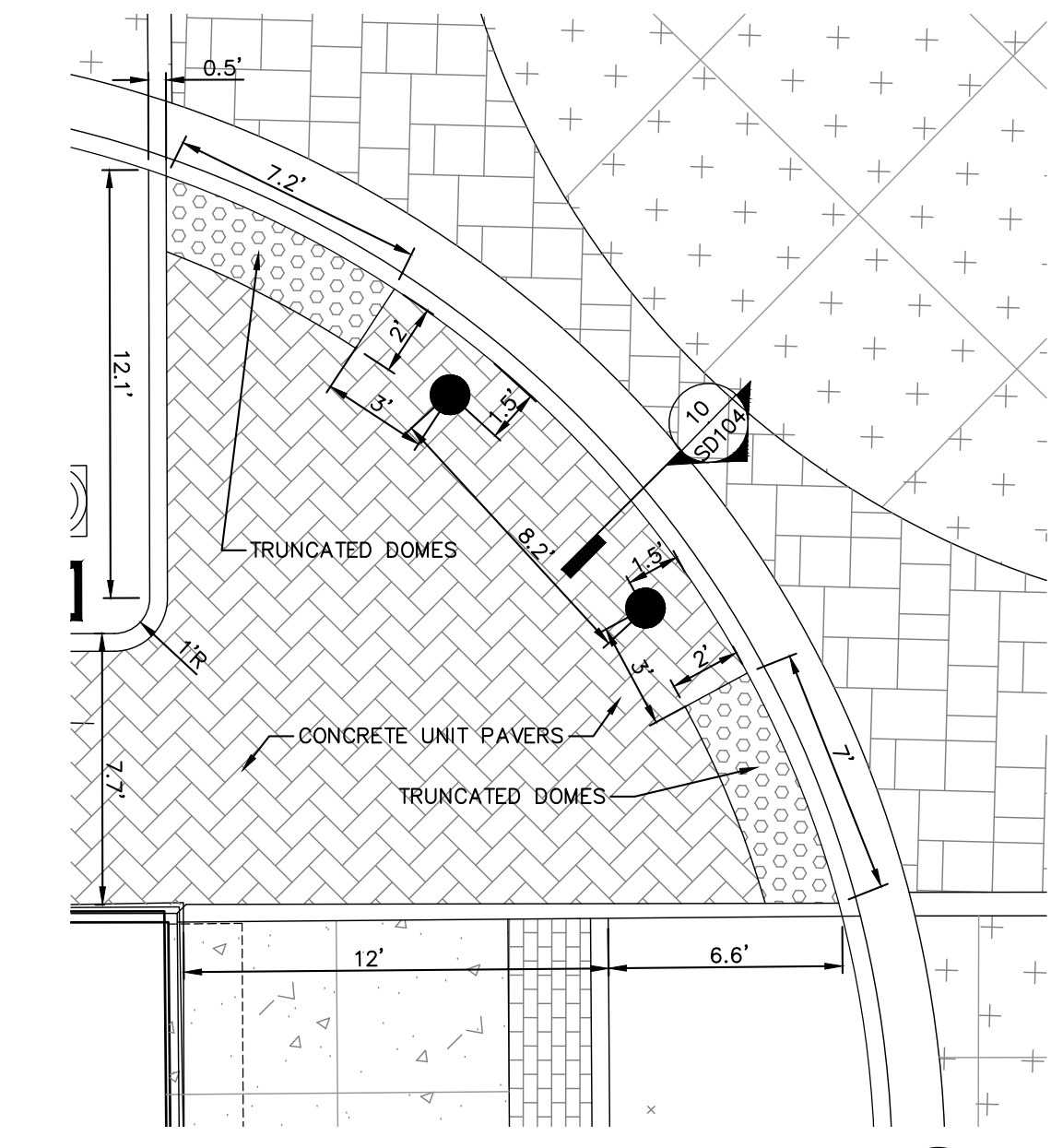
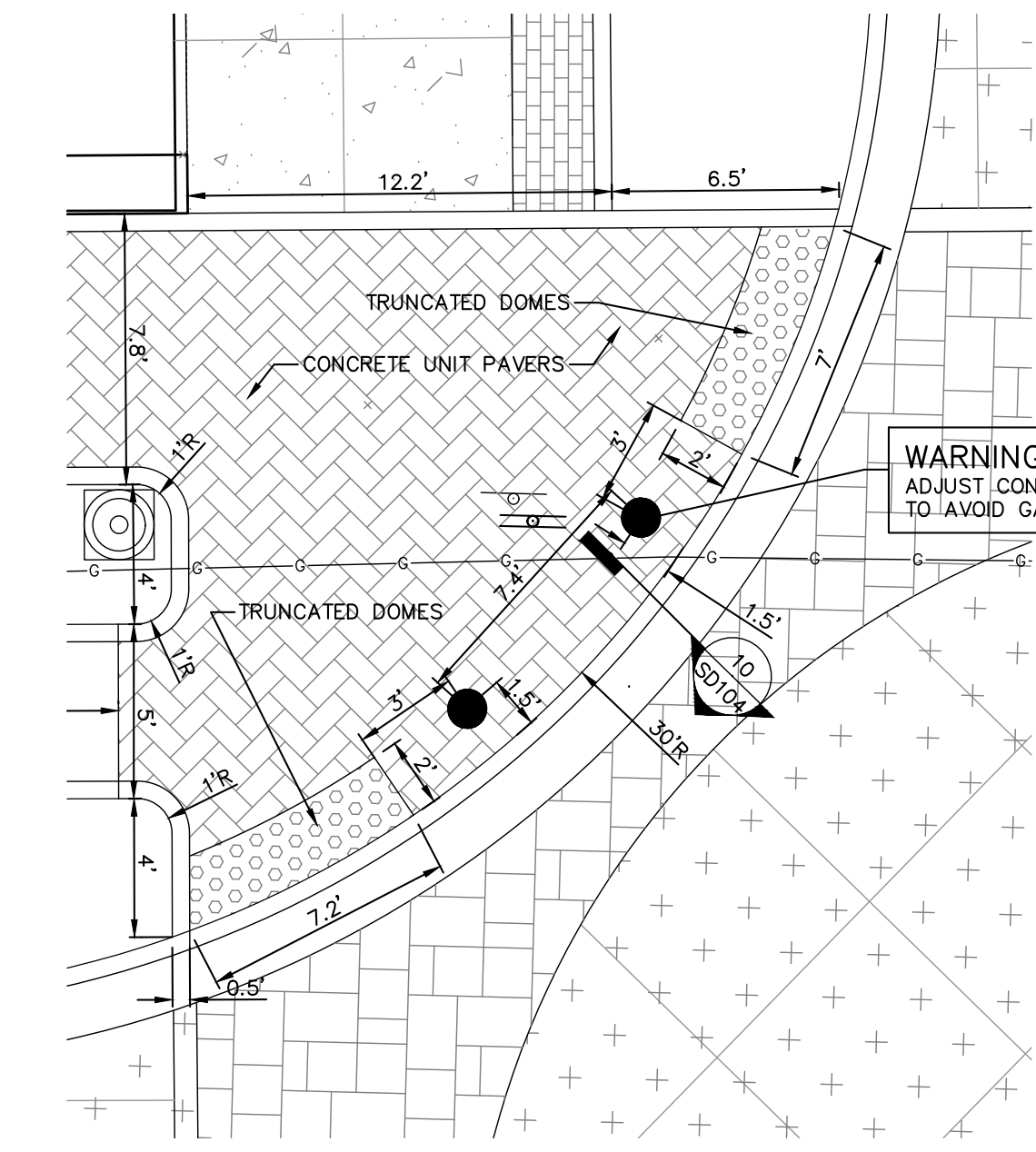
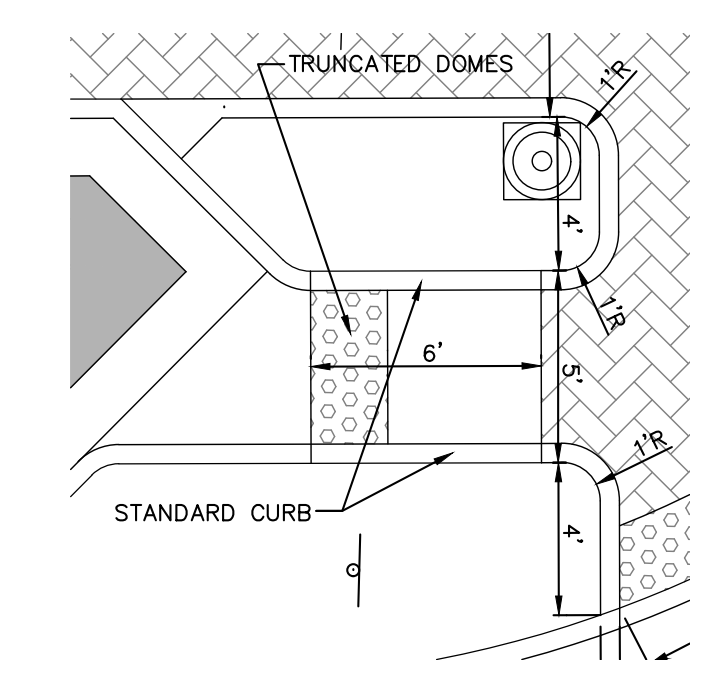
CONCRETE DROP CURB & GUTTER
NOT TO SCALE

GENERAL CURB RAMP NOTES:

- ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION.
- THE THICKNESS OF CONCRETE IN THE CURB RAMP, INCLUDING FLARED SIDES AND ROLLED EDGES, SHALL BE 6 INCHES MINIMUM.
- A MINIMUM OF 6 INCHES OF #73 COMPACTED CRUSHED LIMESTONE SHALL BE PLACE UNDER ENTIRE RAMP AREA FOR SUB-BASE.
- THE LOCATION OF CURB RAMPS IN NEW CONSTRUCTION SHALL TAKE PRECEDENCE OVER THE LOCATION OF DRAINAGE STRUCTURES AND SIGNAL, UTILITY OR LIGHT POLES.
- BOTTOM EDGE OF THE CURB RAMP SHALL BE FLUSH WITH EDGE OF ADJACENT PAVEMENT AND GUTTER LINE.
- CURB RAMPS SHALL BE ALIGNED WITH THE SIDEWALK AND THE CROSS-WALK.
- ROLLED EDGES SHALL ONLY BE USED ADJACENT TO LANDSCAPE BEDS AND LARGE OBSTRUCTIONS SUCH AS SIGNAL CONTROLLERS.
- THE NORMAL GUTTER FLOW LINE SHALL BE MAINTAINED THROUGHOUT THE CURB RAMP AREA, AND APPROPRIATE DRAINAGE STRUCTURES SHALL BE USED, AS NEEDED, TO INTERCEPT THE FLOW PRIOR TO THE CURB RAMP AREA. POSITIVE DRAINAGE SHALL ALSO BE PROVIDED TO CARRY WATER AWAY FROM THE INTERSECTION OF THE CURB RAMP AND THE GUTTER LINE TO PREVENT PUDDLES AT THE PATH OF TRAVEL.
- LANDING AREAS AT THE TOP OF CURB RAMPS HAVE MAXIMUM CROSS-SLOPE OF 50:1 IN ANY DIRECTION. WHEN SITE INFESIBILITY PRECLUDES A LANDING SLOPE OF 50:1 IN ANY DIRECTION, THE SLOPE PERPENDICULAR TO THE CURB FACE SHALL NOT EXCEED 50:1.
- ALGEBRAIC DIFFERENCE IN GRADE BETWEEN THE BASE OF CURB RAMP AND THE GUTTER SHALL BE LIMITED TO LESS THAN 11%. IF IT IS NOT PRACTICAL, A 2'-0" WIDE LEVEL STRIP SHALL BE PROVIDED.
- MINIMUM WIDTH OF CURB RAMP IS 4'-0".
- #4 REBAR X 1'-0" LONG SHALL BE INSTALLED AT 18" SPACING ADJACENT TO CURB
- FIBERGLASS TRUNCATED DOME DETECTABLE WARNING PLATES SHALL BE INSTALLED ADJACENT TO CURB.
- DETECTABLE/TACTILE WARNING SURFACE TILE THROUGH ARMOR TILE.
MODEL #: ADA-C-2448
COLOR: BRICK RED
PHONE: 1-347-278-7729
OR APPROVED EQUAL
TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS



CONSTRUCTION JOINT FOR PAVEMENT
NOT TO SCALE



DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	NONE
PROJECT:	6TH & MAIN STREETSCAPE
CITY:	CITY OF AUBURN
ADDRESS:	210 EAST NINTH STREET
STATE:	AUBURN, IN 46706
DATE:	
DESCRIPTION:	DETAIL SHEET
REVISIONS:	
BY:	
DATE:	

JONES PETRIE RAFINSKI
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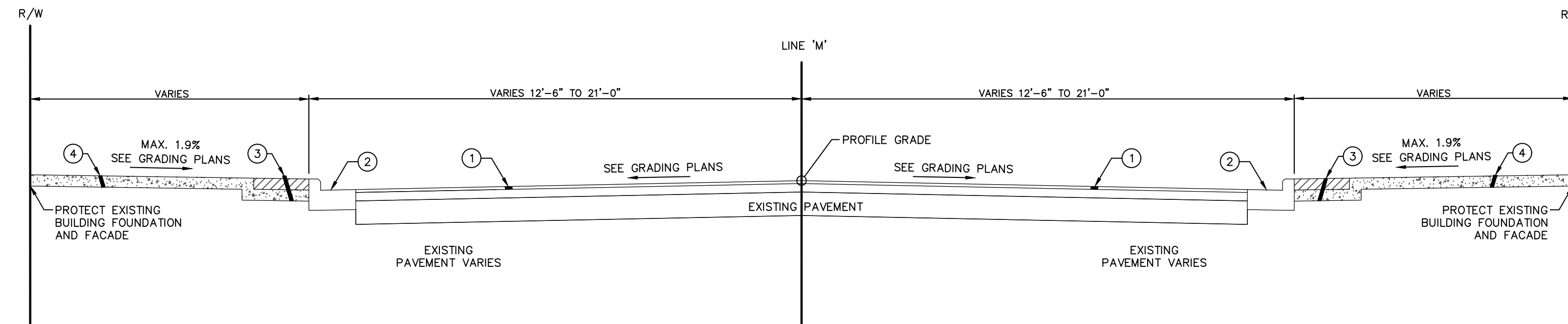
Elkhart, Indiana
P: 574.293.7762

South Bend, Indiana
P: 574.232.4188

Fort Wayne, Indiana
P: 260.422.2322

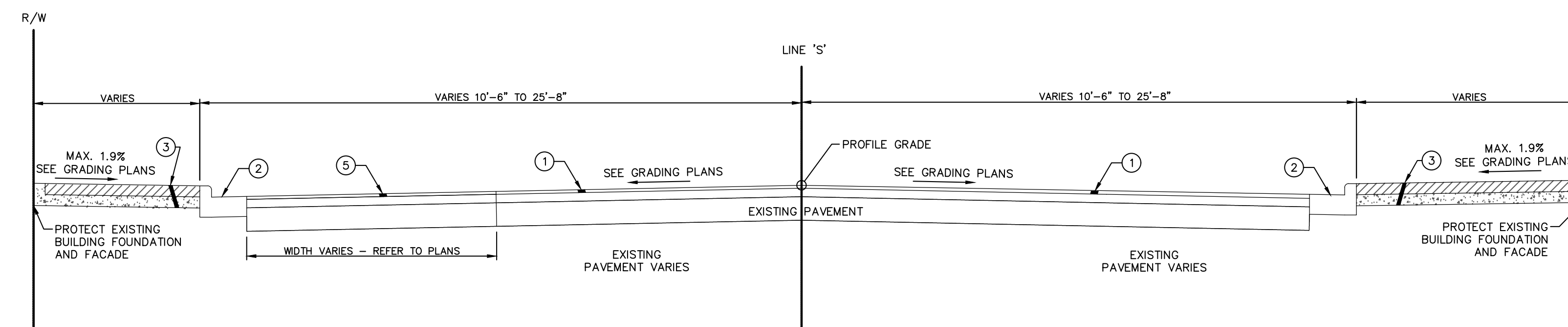
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REVIEW
PURPOSES
ONLY

SD104



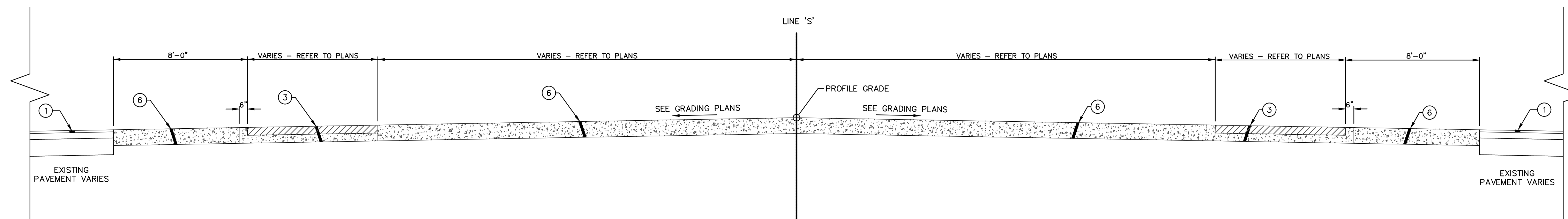
MAIN STREET – LINE 'M' TYPICAL MILL & RESURFACE PAVEMENT SECTION

SCALE: 1/4" = 1'-0"
 STA. 10+45.4 LINE 'M' TO STA. 11+59.8 LINE 'M'
 STA. 12+42.1 LINE 'M' TO STA. 13+63.6 LINE 'M'



SIXTH STREET – LINE 'S' TYPICAL MILL & RESURFACE PAVEMENT SECTION

SCALE: 1/4" = 1'-0"
 STA. 50+29.6 LINE 'S' TO STA. 53+11.1 LINE 'S'
 STA. 53+94.0 LINE 'S' TO STA. 54+52.3 LINE 'S'



SIXTH AND MAIN STREET INTERSECTION – LINE 'M' & 'S' TYPICAL PAVEMENT SECTION

SCALE: 1/4" = 1'-0"
 STA. 53+41.1 LINE 'S' TO STA. 53+63.1 LINE 'S'
 STA. 11+92.2 LINE 'M' TO STA. 12+09.6 LINE 'M'

LEGEND

- ① 1 1/2" SURFACE MILLING AND RESURFACE WITH #11 (110 LBS/SYD), ON TACK COAT OVER MILLED ASPHALT BASE. WEDGE ASPHALT SURFACE UNIFORMLY AND SMOOTHLY WHERE NOTED ON PLANS
- ② STANDARD CURB AND GUTTER OR SPILLOVER CURB AND GUTTER
- ③ CONCRETE UNIT PAVERS OVER 1" SAND SETTING BED OVER 4" CONCRETE OVER 2" COMPACTED AGGREGATE NO. 53 BASE OVER COMPACTED SUBGRADE
- ④ SIDEWALK, CONCRETE, 4" OVER 2" COMPACTED AGGREGATE NO. 53 BASE OVER COMPACTED SUBGRADE
- ⑤ 1" HMA SURFACE #11 (110 LBS/SYD) ON TACK COAT, ON 3" HMA BASE #8 (330 LBS/SYD), ON 3" #53 COMPACTED CRUSHED LIMESTONE, ON 7" #1 OR #2 CRUSHED LIMESTONE CHOKED WITH #10 FF'S, ON COMPACTED SUBGRADE
- ⑥ ROADWAY CONCRETE, 8" CONCRETE OVER 6" COMPACTED SUBBASE CONSISTING OF 3" #53 AGGREGATE, ON 3" #1 OR #2 CRUSHED LIMESTONE CHOKED WITH #10 FF'S

NOTE

WEDGE SURFACE ASPHALT AS REQUIRED OR CALLED OUT BY PLANS.

REV	DESCRIPTION	BY	DATE

JONES PETRIE RAFINSKI
your one single source

South Bend, Indiana
P: 574.232.1888

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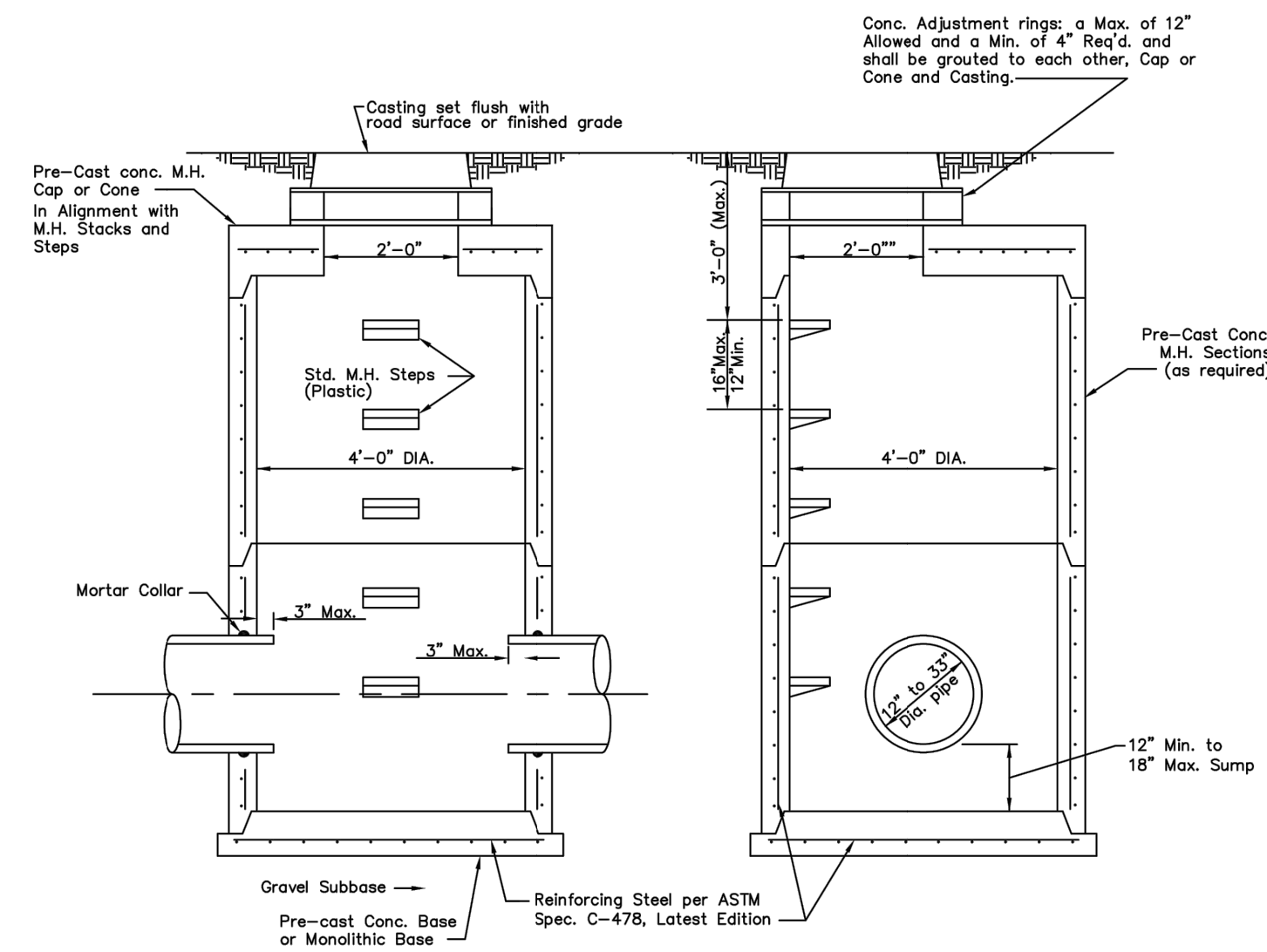
Elkhart, Indiana
P: 574.293.7762

PRELIMINARY
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REVIEW
PURPOSES
ONLY

6TH & MAIN STREETSCAPE
CITY OF AUBURN
210 EAST NINTH STREET
AUBURN, IN 46706
TYPICAL PAVEMENT SECTIONS

DESIGNED BY:	JAS
DRAWN BY:	RJH
DATE:	JUNE 14, 2017
JOB NUMBER:	2015-0355
SCALE:	1/4"=1'

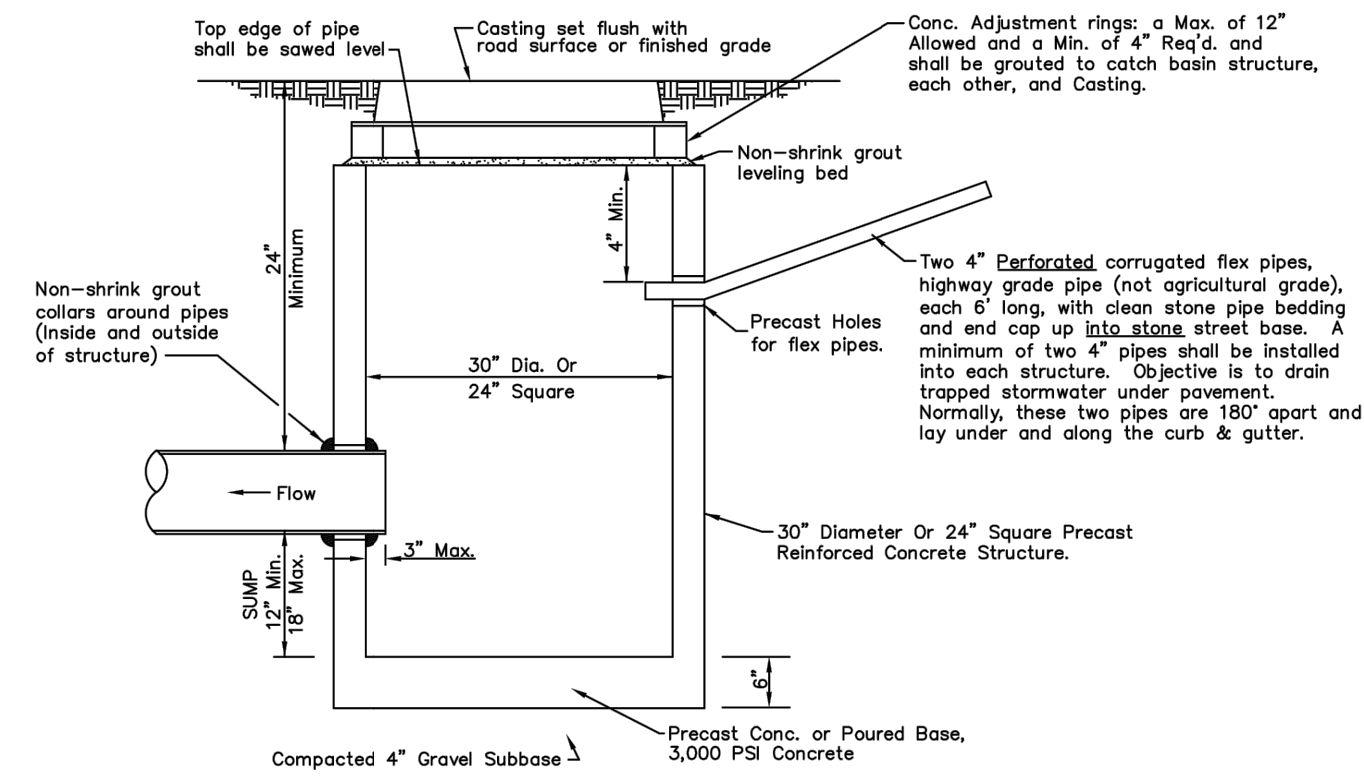
SD105



GENERAL CONSTRUCTION REQUIREMENTS

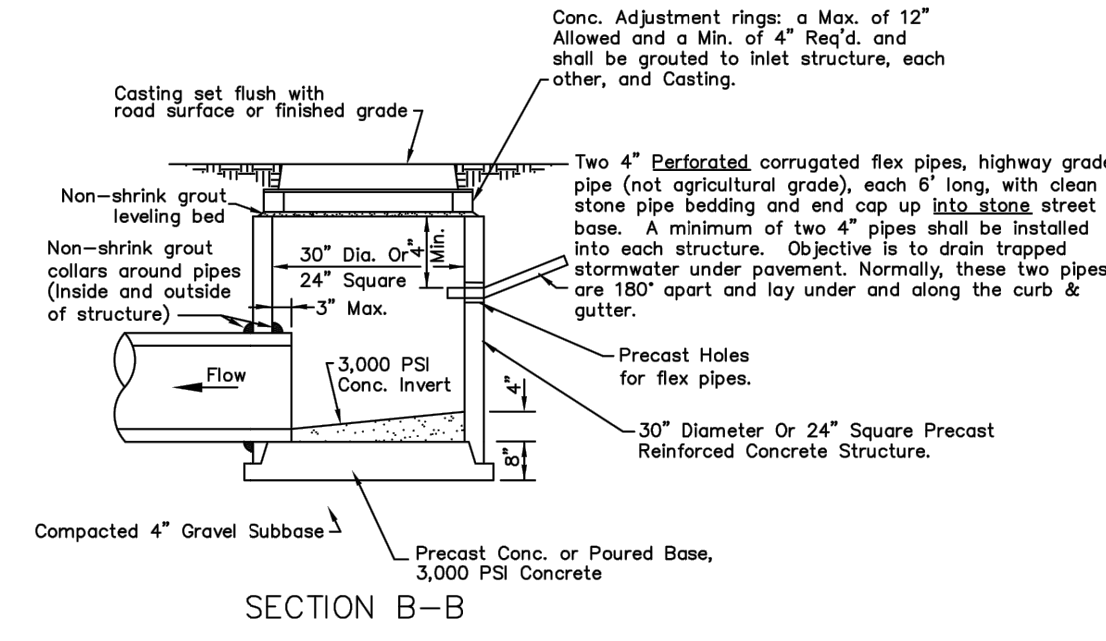
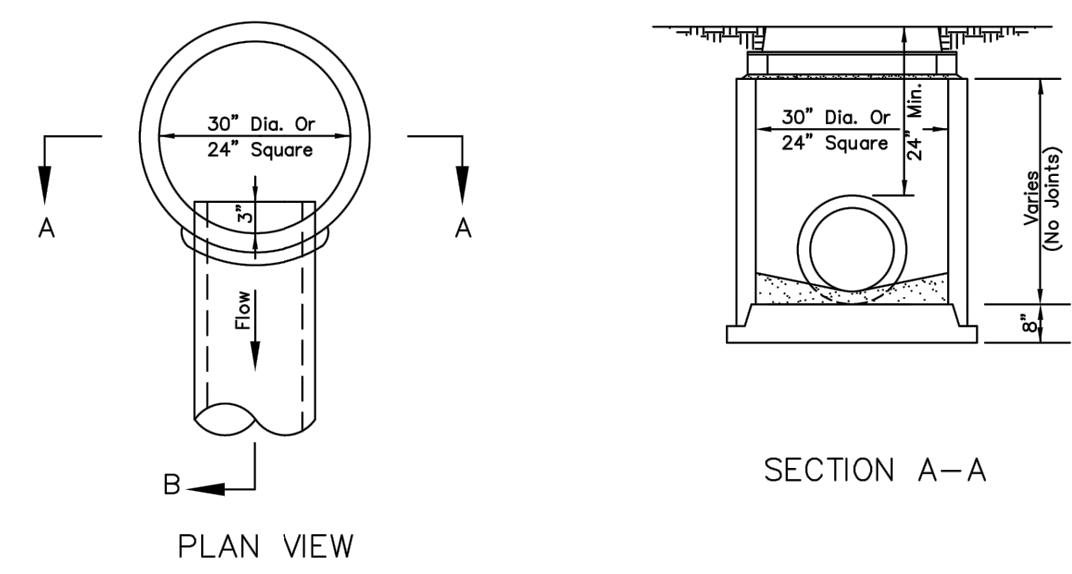
- 1) Manhole made in accordance with ASTM C-478, latest edition.
- 2) All interior M.H. walls shall have a smooth finish.
- 3) Manhole section joints shall use bitumastic sealing material. No o-ring joints.
- 4) The base shall be placed on 4" minimum compacted gravel subbase.
- 5) Base Diameter 48"
- 6) Pipe Diameter: 12" to 33" Straight thru to 45"; 12" to 24" 135° to 90°.

TYPE I STORM MANHOLE WITH SUMP 1
NOT TO SCALE
PER AUBURN STANDARD DETAIL SW2-10
(OR MOST CURRENT)



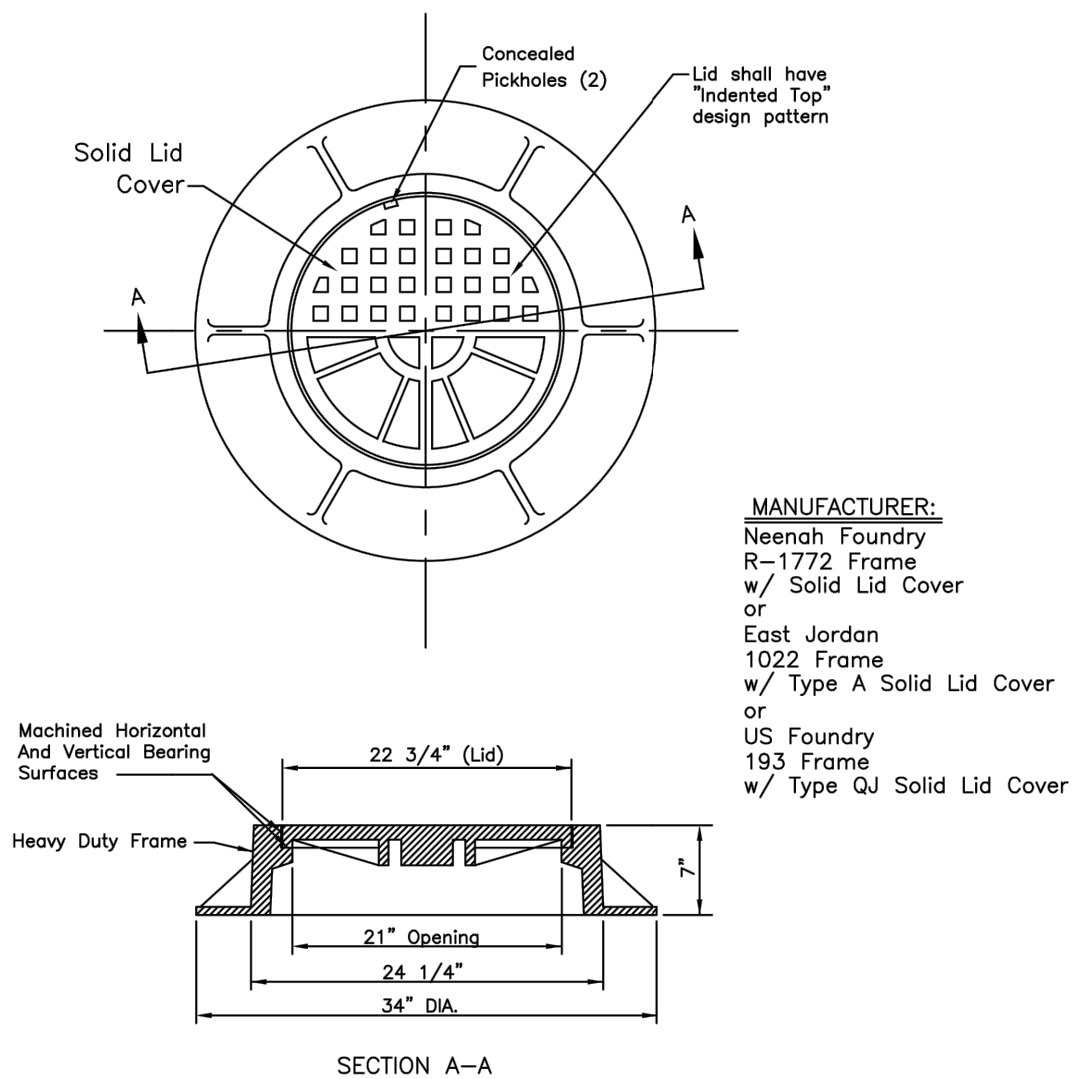
- NOTES:**
- 1) 30" Dia. or 24" Square Str. for pipes up to 15" Dia. Manhole Req'd for pipes larger than 15".
 - 2) Structures shall have holes precast for two 4" flex pipes and for all other pipes. Use non-shrink grout to seal around all pipes.

TYPE I CATCH BASIN 2
NOT TO SCALE
PER AUBURN STANDARD DETAIL SW3-1
(OR MOST CURRENT)

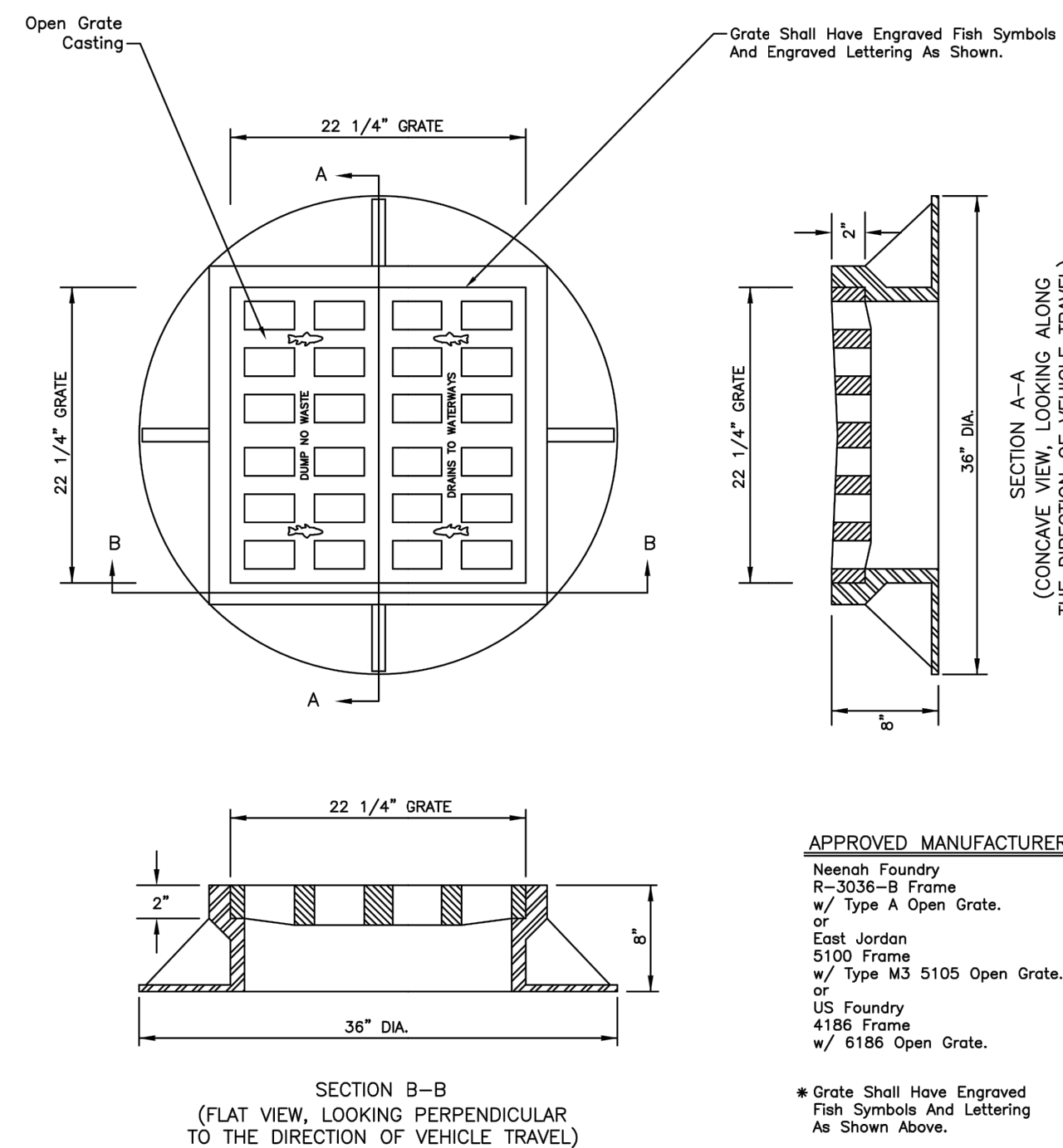


- NOTES:**
- 1) 30" Dia. or 24" Square Str. for pipes up to 15" Dia. Manhole Req'd for pipes larger than 15".
 - 2) Structures shall have holes precast for two 4" flex pipes and for all other pipes. Use non-shrink grout to seal around all pipes.

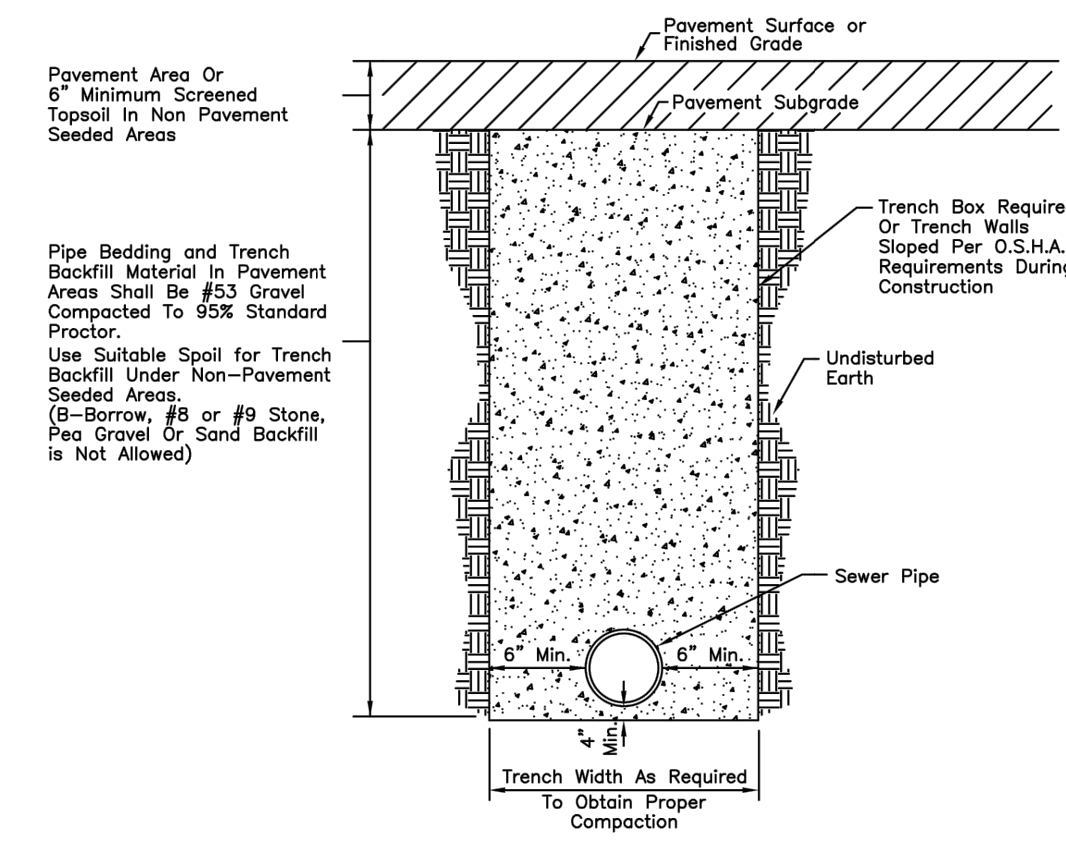
TYPE I INLET 3
NOT TO SCALE
PER AUBURN STANDARD DETAIL SW3-3
(OR MOST CURRENT)



MANHOLE CASTING (SOLID LID) 4
NOT TO SCALE
PER AUBURN STANDARD DETAIL SW4-1
(OR MOST CURRENT)



STREET & ALLEY CASTING (CONCAVE GRATE) 5
NOT TO SCALE
PER AUBURN STANDARD DETAIL SW4-5
(OR MOST CURRENT)

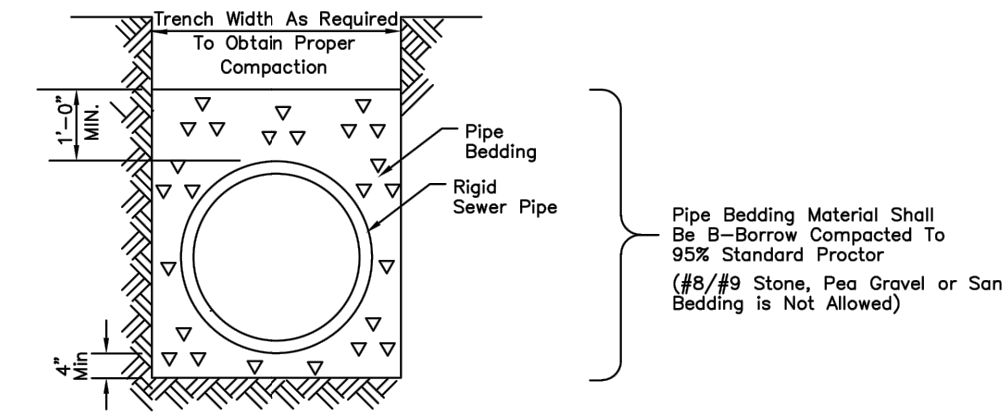


MAXIMUM ALLOWABLE DEPTH OF COVER ABOVE FLEXIBLE PVC SDR PIPES SHALL BE:

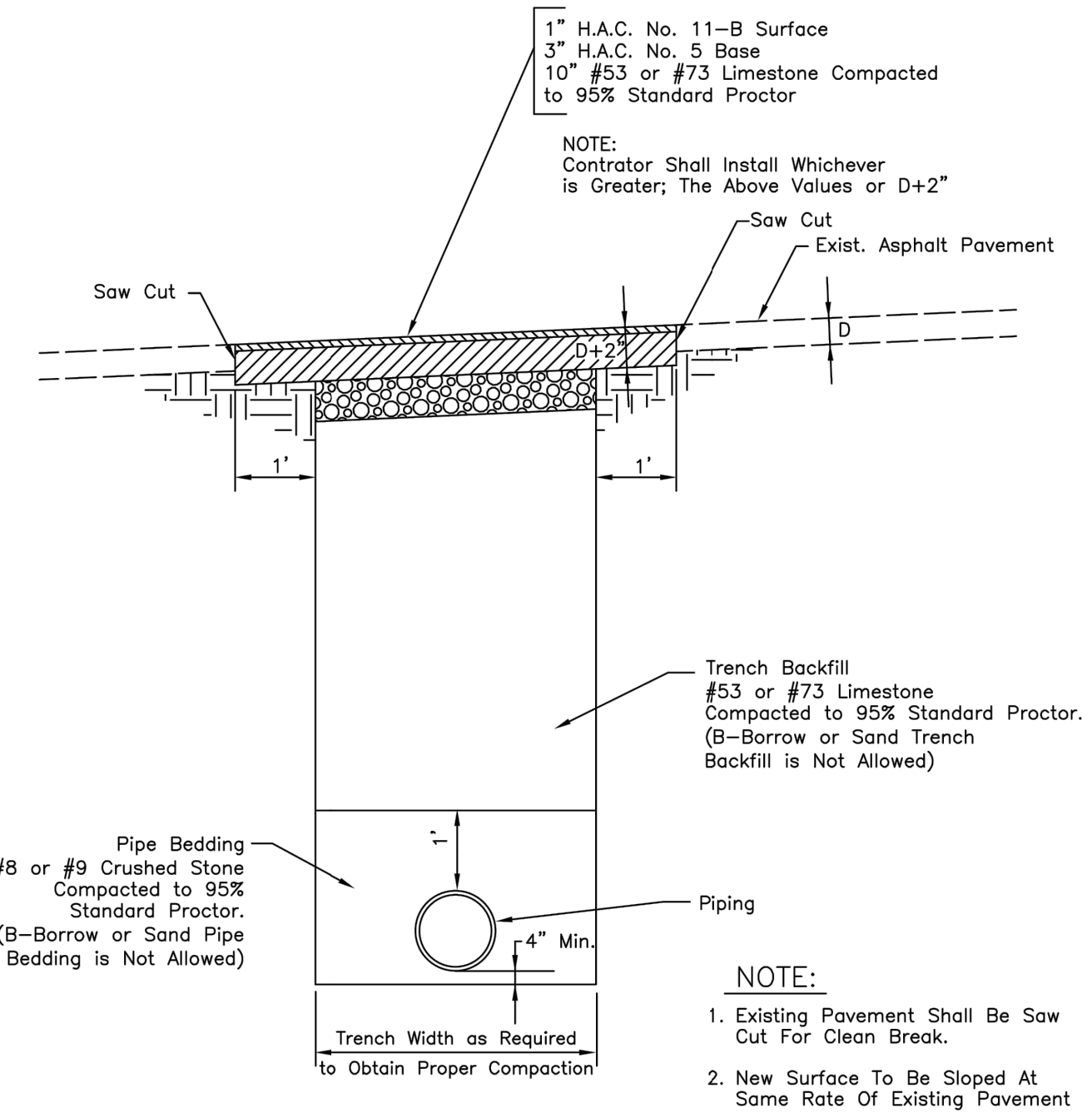
PIPE TYPE	ASTM#	MAXIMUM DEPTH OF COVER
PVC, SDR 35	D3034	15 FEET
PVC, SDR 26	D3034	20 FEET
PVC, SDR 21	D2241	25 FEET

For Pipe Depths Greater Than Listed Above, Consult With Auburn Engineering Department.

SEWER TRENCH DETAIL 6
NOT TO SCALE
PER AUBURN STANDARD DETAIL SW5-1
(OR MOST CURRENT)



RIGID SEWER PIPE BEDDING DETAIL 7
NOT TO SCALE
PER AUBURN STANDARD DETAIL SW5-3
(OR MOST CURRENT)



ASPHALT PAVEMENT REPAIR 8
NOT TO SCALE
PER AUBURN STANDARD DETAIL ST2
(OR MOST CURRENT)

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Fort Wayne, Indiana
P: 264.422.2122

REVISIONS:

REV	DESCRIPTION	BY	DATE

PRELIMINARY
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REVIEW
PURPOSES
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6TH & MAIN STREETSCAPE
CITY OF AUBURN
210 EAST NINTH STREET
AUBURN, IN 46706

DESIGNED BY: JAS
DRAWN BY: RJH
DATE: JUNE 14, 2017
JOB NUMBER: 2015-0355
SCALE: NONE
SD106