

AGENCY TELEPHONE NUMBERS

LOCATION MAP
NOT TO SCALE

AREA MAP



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**GATEWAY
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INC.**



Know what's below.
Call before you dig.

**CALL 3 BUSINESS DAYS IN ADVANCE BEFORE
YOU DIG, GRADE, OR EXCAVATE FOR THE
MARKING OF UNDERGROUND MEMBER
UTILITIES**

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Record Drawing

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GENERAL CONSTRUCTION

- ## TRAFFIC CONTROL

- WATER

- DETAIL "H", SHEET C-210.

- ## ROADWAY

- ## BID SCHEDULES AND SURFACE REPAIRS

PUBLIC SURVEY MONUMENT

RESTRAINED LENGTHS

TABLE 1: RESTRAINED LENGTHS

SURVEY CONTROL AND COORDINATE SYSTEM

Plot Date: 4/18/2019 9:33 AM Plotted By: Allen Beathm
Date Created: 3/14/2019 \\BOISEFILES\PUBLIC\PROJECTS\JWB23-18-051 - MAIN ST WATER LINE\CAD\SHEET21-18-051 G-001X.DWG

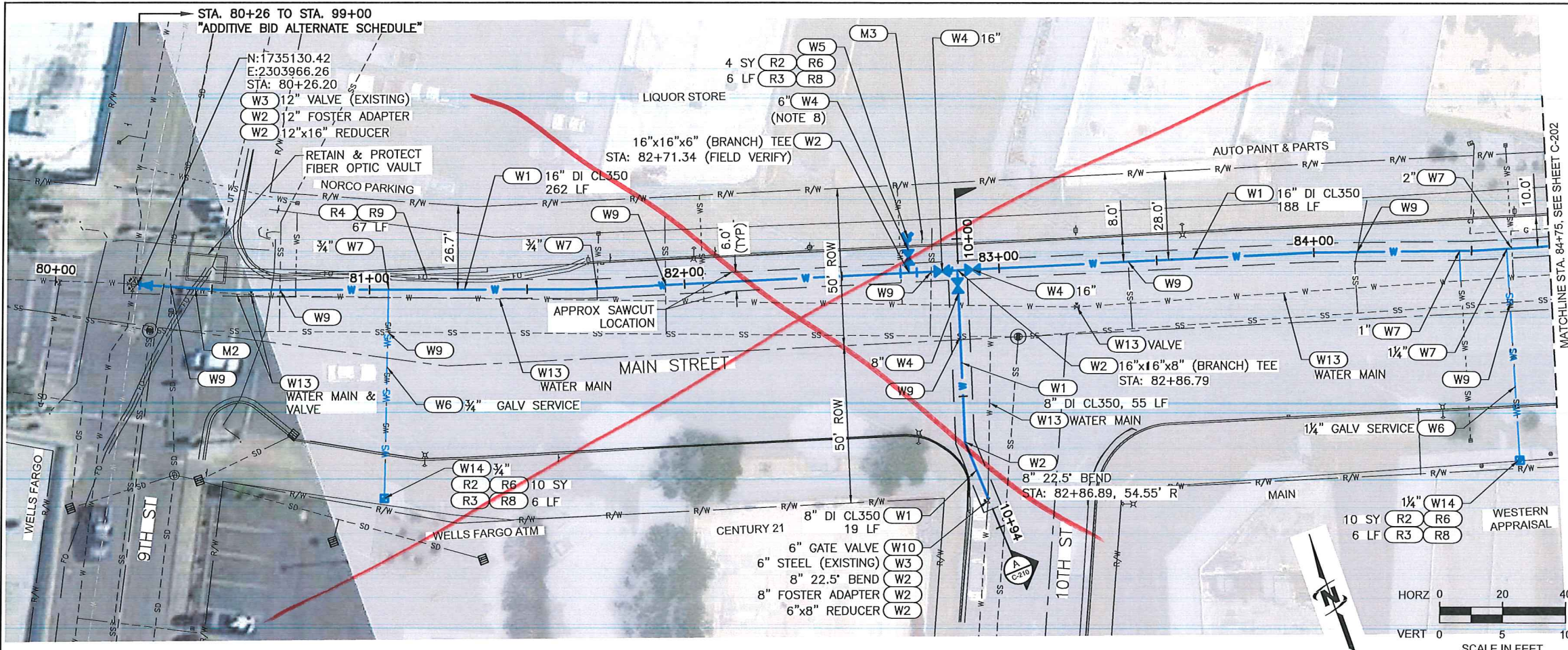
LINE LEGEND

SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
UTILITIES		
MANHOLE (GENERIC)		
PRESSURE CLEAN OUT AT GRADE		
THRUST BLOCK		
VAULT		
COMMUNICATION		
TELE. MANHOLE		
TELE. PEDASTAL		
TELE. POLE		
TV PEDASTAL		
GUY WIRE		
DOMESTIC WATER		
FIRE HYDRANT		
SPIGOT		
YARD HYDRANT		
WATER MANHOLE		
WATER METER		
WATER VALVE		
ELECTRIC		
ELEC. MANHOLE		
ELEC. METER		
ELEC. TRANS.		
JUNCTION BOX		
POWER POLE		
POWER STUB		
STREET LIGHT		
TRAFFIC SIGNAL POLE		
IRRIGATION		
IRRIGATION VALVE		
IRRIGATION VALVE BOX		
SPRINKLER		
NATURAL GAS		
GAS METER		
GAS VALVE		
SANITARY SEWER		
CLEANOUT		
SEWER STUB		
SS MANHOLE		
STORM DRAIN		
CATCH BASIN		
DRY WELL		
FLARE END		
GREASE TRAP		
SD MANHOLE		

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
IRRIGATION		
IRRIGATION	— IRR —	— IRR —
GRAVITY IRRIGATION	— GIRR —	— GIRR —
PRESSURE IRRIGATION	— PIRR —	— PIRR —
POTABLE WATER	— PW —	— PW —
NON-POTABLE WATER	— NPW —	— NPW —
GAS		
NATURAL GAS	— G —	— G —
NATURAL GAS SERVICE	— G — G —	— G — G —
HIGH PRESSURE GAS	— HPG —	— HPG —
LIQUID GAS	— LG —	— LG —
STORM DRAIN		
STORM DRAIN (GENERAL)	— SD —	— SD —
STORM DRAIN	— X"SD —	— X"SD —
ROOF DRAIN	— RD —	— RD —
SANITARY SEWER		
SANITARY SEWER (GENERAL)	— SS —	— SS —
SANITARY SEWER	— X"SS —	— X"SS —
SANITARY SEWER SERVICE	— SS — SS —	— SS — SS —
SEWER FORCE MAIN	— FM —	— FM —
WATER		
WATER (GENERAL)	— W —	— W —
WATER (SPECIFIED SIZE)	— X"W —	— X"W —
WATER SERVICE	— WS — WS —	— WS — WS —

ID	INSIDE DIAMETER
ITD	IDAHO TRANSPORTATION DEPARTMENT
INV	INVERT
ISPCW	IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION
IN OR "	INCH
LB OR #	POUND
LF	LINEAL FEET
LN	LINEAL
MAX	MAXIMUM
MIN	MINIMUM
MJ	MECHANICAL JOINT
N	NORTHING
NO OR #	NUMBER
NTP	NOTICE TO PROCEED
PE	POLYETHYLENE
PVC	POLYVINYL-CHLORIDE
REM	REMOVE
REQ'D	REQUIRED
REV	REVISION
R/W OR ROW	RIGHT-OF-WAY
S	SLOPE
SCH	SCHEDULE
SD	STORM DRAIN
SPEC	SPECIFICATION
STA	STATION
STD	STANDARD
SS	SANITARY SEWER OR SERVICE
SSMH	SANITARY SEWER MANHOLE
SST	STAINLESS STEEL
SY	SQUARE YARD
S/W	SIDEWALK
TBC	TOP BACK OF CURB
T/E	TEMPORARY CONSTRUCTION EASEMENT
TYP	TYPICAL
TFC	TOP FACE OF CONCRETE
W	WATER
WS	WATER SERVICE
W/	WITH
W/O	WITHOUT
W/REQ'D	WHERE REQUIRED

Plot Date: 4/18/2019 9:33 AM Plotted By: Allen Boehm
Date Created: 3/14/2019 \\BOISEFILES\PROJECTS\JUB\23-18-051 - MAIN ST WATER LINE\CAD\SHFET2\18-051_G-001X.DWG



KEY NOTES:	
KEY NOTE	DESCRIPTION
WATER UTILITY KEY NOTES (SCH B PAY ITEMS)	
(W1)	WATER MAIN PIPE
(W2)	WATER FITTING
(W3)	CONNECT TO EXISTING
(W4)	GATE VALVE
(W5)	HYDRANT
(W6)	REMOVE AND REPLACE
(W7)	WATER SERVICE CONNECTION
(W8)	FIRE SERVICE CONNECTION
(W9)	NON-POTABLE WATERLINE SEPARATION (INCIDENTAL)
(W10)	REMOVE
(W11)	REMOVE AND REPLACE VALVE
(W12)	WATER MAIN SLEEVE
(W13)	ABANDON
(W14)	WATER METER
SEWER KEY NOTES (SCH B PAY ITEMS)	
(S1)	REMOVE AND REPLACE SANITARY SEWER
(S2)	CONNECT TO EXISTING SANITARY SEWER
(S3)	BYPASS SEWAGE PUMPING
SURFACE REPAIR KEY NOTES (SCH A PAY ITEMS)	
(R1)	MAIN LINE TYPE "A" SURFACE RESTORATION (ASPHALT ROADWAY)
(R2)	CONCRETE SIDEWALK, 4" THICKNESS.
(R3)	STANDARD 6 INCH VERTICAL CURB (NO GUTTER)
(R4)	STANDARD 6 INCH VERTICAL CURB AND GUTTER
(R5)	MOUNTABLE VERTICAL CURB (NO GUTTER)
(R6)	REMOVAL OF CONCRETE SIDEWALK
(R7)	REMOVAL OF PAVEMENT
(R8)	REMOVAL OF CURB (NO GUTTER)
(R9)	REMOVAL OF CURB AND GUTTER
MISCELLANEOUS KEY NOTES (SCH B PAY ITEMS)	
(M1)	POLE SUPPORT (INCIDENTAL)
(M2)	EXPLORATORY EXCAVATION
(M3)	REMOVE AND RESET SIGN

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- FIELD VERIFY SIZE, DEPTH AND MATERIAL.
 - ALL WORK SHALL BE CONFINED TO THE PUBLIC RIGHTS-OF-WAY SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR SECURING CONSTRUCTION STAGING AREAS AND OTHER TEMPORARY CONSTRUCTION EASEMENTS THAT MAY BE REQUIRED TO CONSTRUCT THE PROJECT.
 - INCLUDES ALL ANTICIPATED WATER MAIN, AND SERVICE TRENCHING ON THIS PLAN SHEET.
 - THE HORIZONTAL SEPARATION OF THE WATER & NON-POTABLE MAINS SHALL BE A MINIMUM OF TEN FEET. WHERE IT IS NECESSARY FOR NON-POTABLE & POTABLE WATER TO CROSS EACH OTHER & THE NON-POTABLE LINE IS LESS THAN 18 INCHES BELOW OR ABOVE THE WATER MAIN, THE NON-POTABLE LINE CROSSING SHALL BE CONSTRUCTED OR SLEEVED WITH PVC PRESSURE PIPE CONFORMING TO AWWA C-900, FOR A DISTANCE OF 10' ON BOTH SIDES OF WATER LINE. ONE FULL LENGTH OF BOTH WATER MAIN & NON-POTABLE LINE SHALL BE CENTERED OVER THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE. WHERE WITHIN 18-INCHES BELOW THE NON-POTABLE LINE, THE NON-POTABLE LINE MUST BE FULLY SUPPORTED THROUGH THE CROSSING TO PREVENT SETTLING. REFER ALSO TO DETAIL "H" SHEET C-210.
 - DEFLECT PIPE HORIZONTALLY AND VERTICALLY AT JOINTS TO INSTALL PIPE AS GENERALLY REQUIRED HEREIN. MAXIMUM JOINT DEFLECTION SHALL BE 5' OR LESS AS REQUIRED BY THE PIPE MANUFACTURER. TYPICALLY 3' FOR 16" AND 5' FOR 8".
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 - SERVICES MAY NOT BE LOCATED WITHIN 3' OF A PIPE END OR CLOSER THAN 5' APART, HORIZONTALLY ALONG THE MAIN LINE.
 - ALL JOINTS RESTRAINED. SEE TABLE 1 SHEET G-002.



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PROFESSIONAL ENGINEER
STATE OF IDAHO
0415744
04-18-19

REVISION

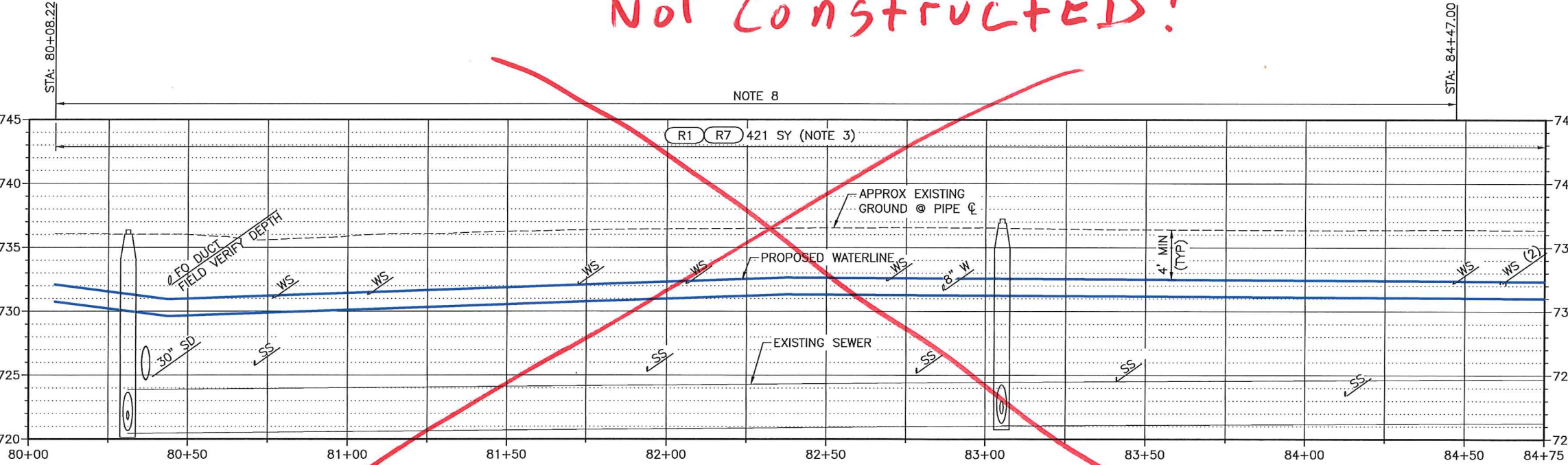
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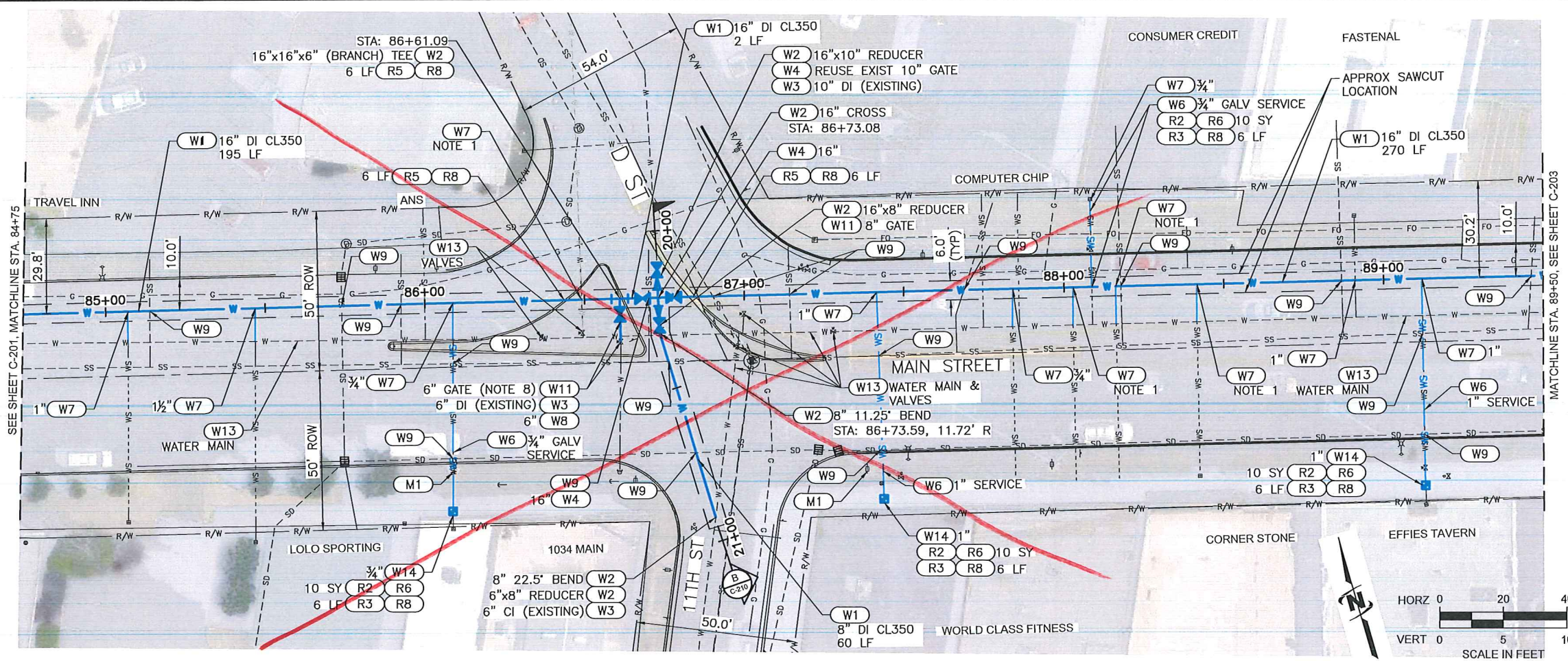
MAIN STREET WATER LINE - 9TH TO 18TH
CITY OF LEWISTON, IDAHO

PLAN & PROFILE
(ADDITIVE BID ALTERNATE)

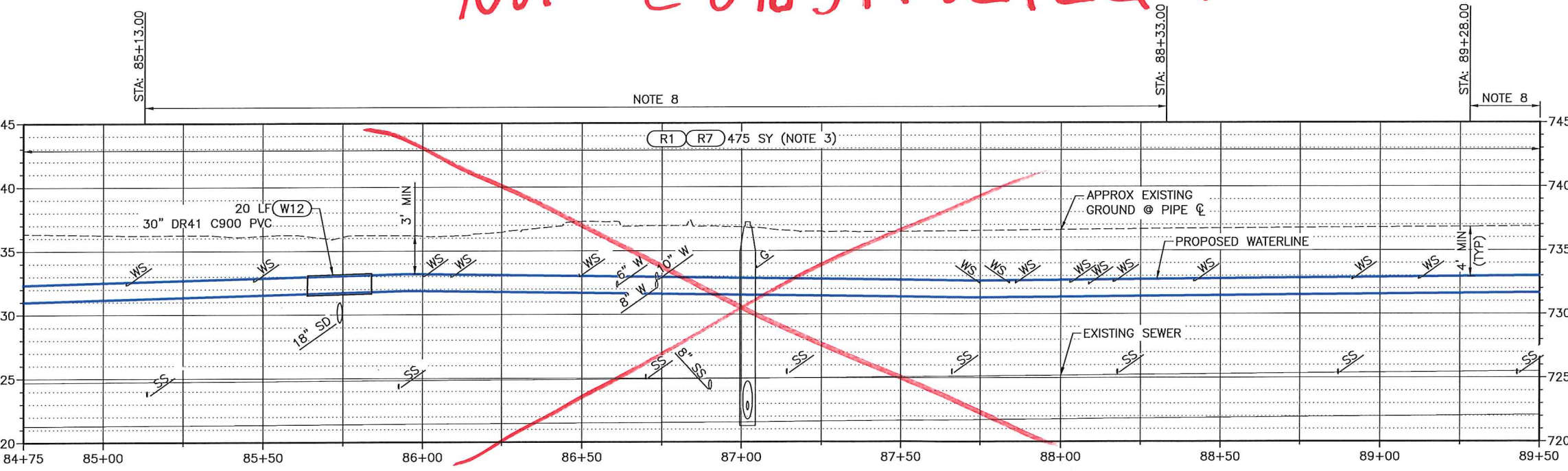
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JUB PROJ.#: 23-18-051
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DESIGN BY: AB
CHECKED BY: JPE
ONE INCH
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/18/2019
SHEET NUMBER:
C-201

NOT CONSTRUCTED!





NOT Constructed!



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(W1)	WATER MAIN PIPE
(W2)	WATER FITTING
(W3)	CONNECT TO EXISTING
(W4)	GATE VALVE
(W5)	HYDRANT
(W6)	REMOVE AND REPLACE
(W7)	WATER SERVICE CONNECTION
(W8)	FIRE SERVICE CONNECTION
(W9)	NON-POTABLE WATERLINE SEPARATION (INCIDENTAL)
(W10)	REMOVE
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(W13)	ABANDON
(W14)	WATER METER
SEWER KEY NOTES (SCH B PAY ITEMS)	
(S1)	REMOVE AND REPLACE SANITARY SEWER
(S2)	CONNECT TO EXISTING SANITARY SEWER
(S3)	BYPASS SEWAGE PUMPING
SURFACE REPAIR KEY NOTES (SCH A PAY ITEMS)	
(R1)	MAIN LINE TYPE "P" SURFACE RESTORATION (ASPHALT ROADWAY)
(R2)	CONCRETE SIDEWALK, 4" THICKNESS.
(R3)	STANDARD 6 INCH VERTICAL CURB (NO GUTTER)
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(M1)	POLE SUPPORT (INCIDENTAL)
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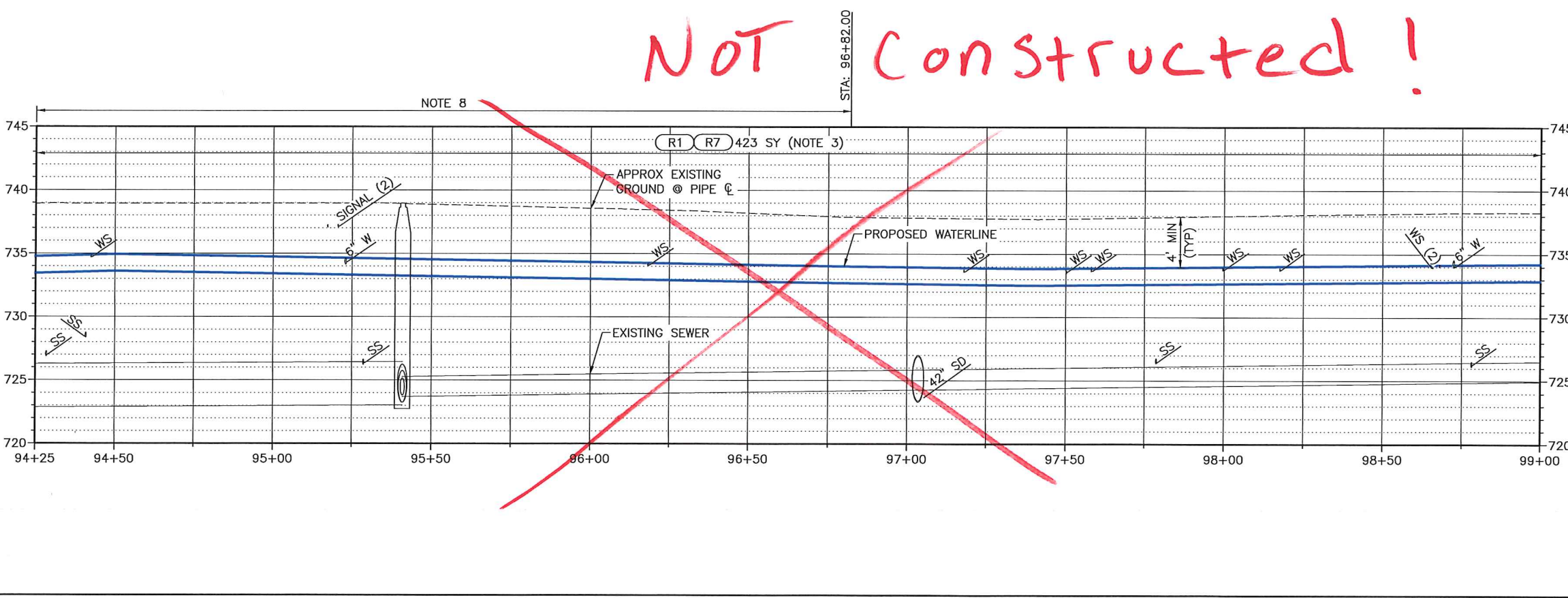
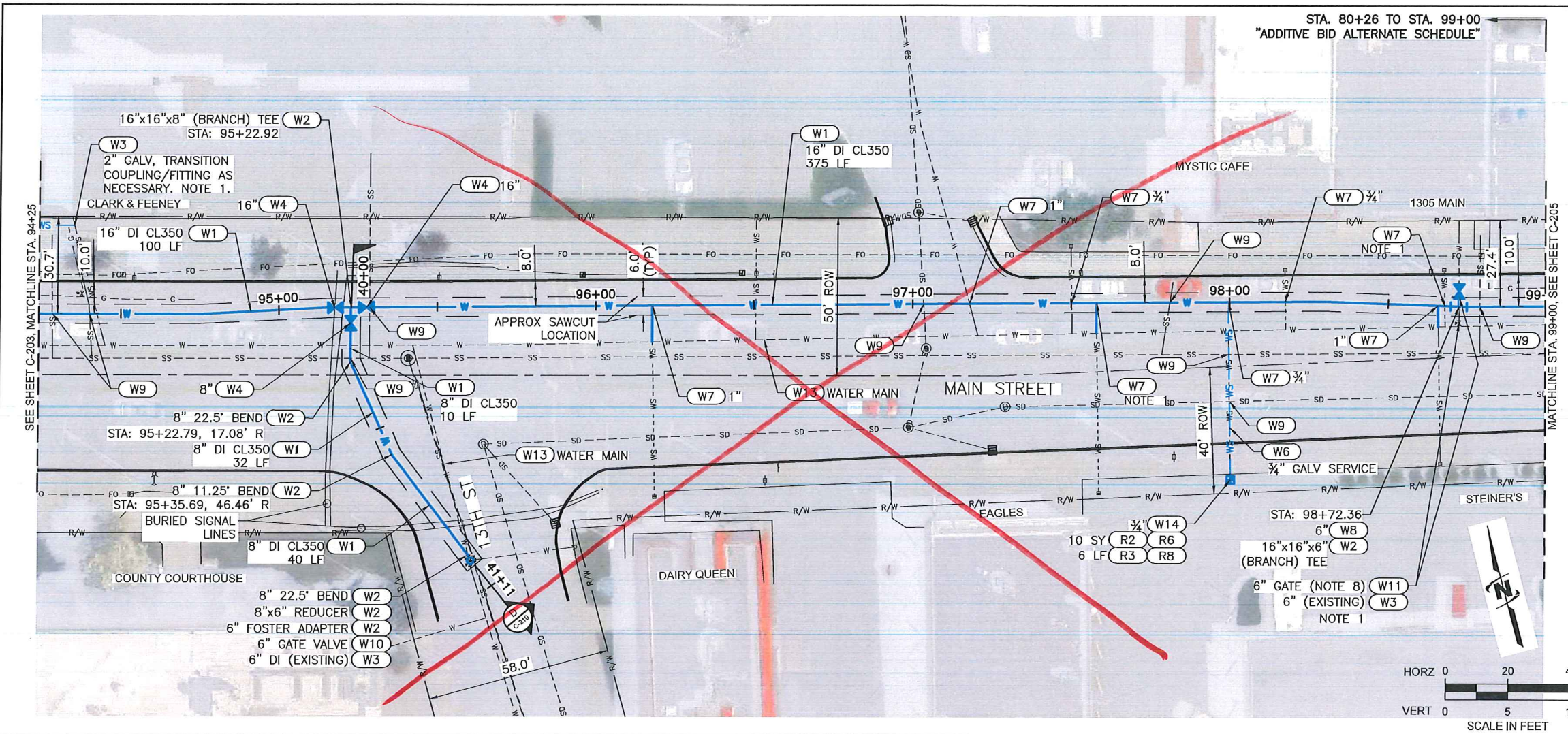
NO.	REVISION	DESCRIPTION	BY	DATE

MAIN STREET WATER LINE - 9TH TO 18TH
CITY OF LEWISTON, IDAHO

PLAN & PROFILE
(ADDITIVE BID ALTERNATE)

FILE: 23-18-051 C-201X
JUB PROJ #: 23-18-051
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DESIGN BY: AB
CHECKED BY: JPE
ONE INCH
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INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/18/2019

SHEET NUMBER:
C-202



KEY NOTES:	
KEY NOTE	DESCRIPTION
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(W1)	WATER MAIN PIPE
(W2)	WATER FITTING
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JOSH ELLIOTT
04-18-19

REVISION

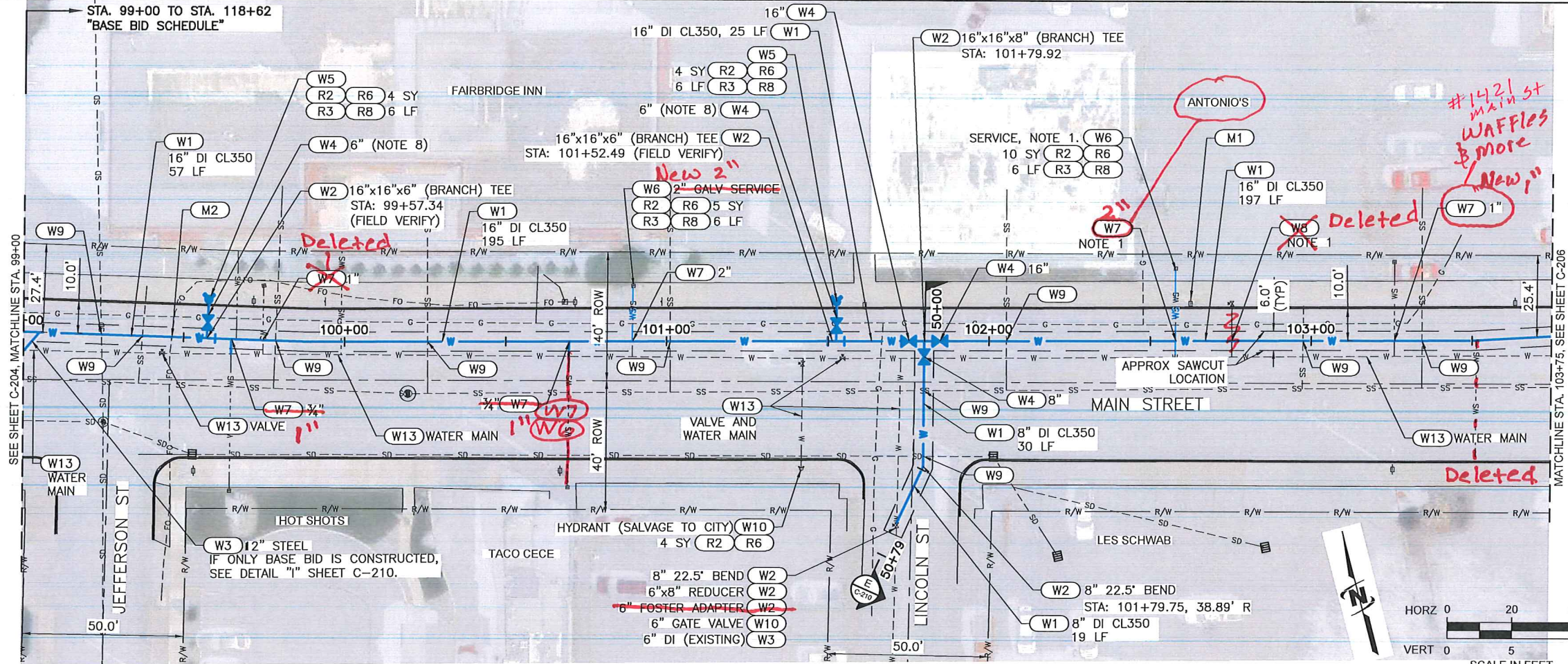
NO.	DESCRIPTION	DATE

MAIN STREET WATER LINE - 9TH TO 18TH
CITY OF LEWISTON, IDAHO

PLAN & PROFILE
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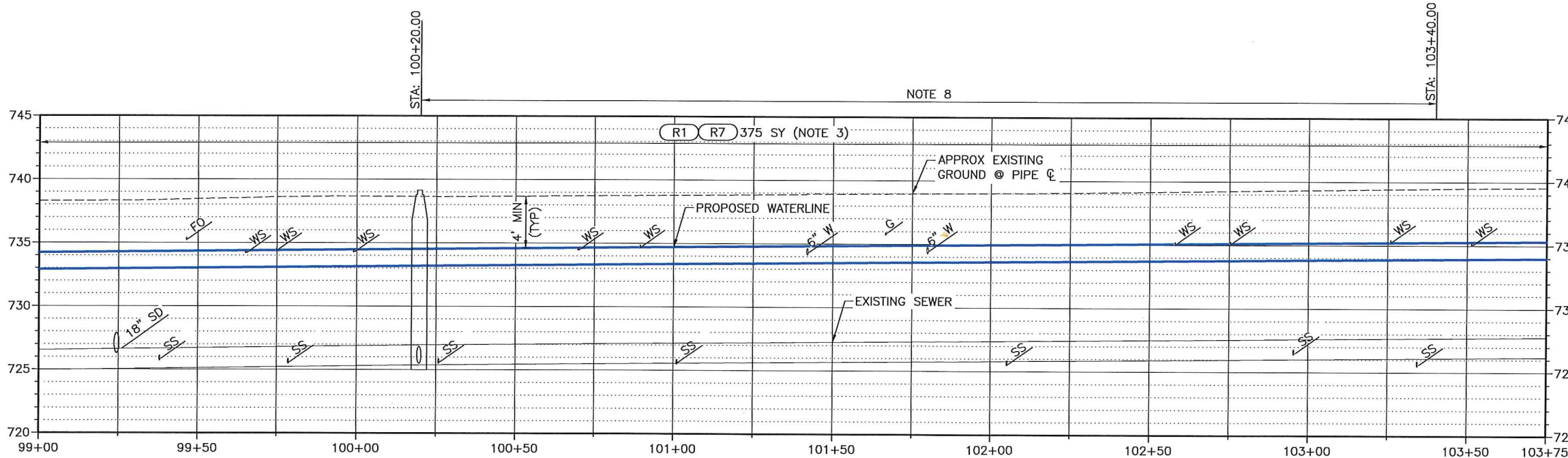
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DESIGN BY: AB
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LAST UPDATED: 4/18/2019

SHEET NUMBER:
C-204



KEY NOTES:	
KEY NOTE	DESCRIPTION
WATER UTILITY KEY NOTES (SCH B PAY ITEMS)	
(W1)	WATER MAIN PIPE
(W2)	WATER FITTING
(W3)	CONNECT TO EXISTING
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 - SERVICES MAY NOT BE LOCATED WITHIN 3' OF A PIPE END OR CLOSER THAN 5' APART, HORIZONTALLY ALONG THE MAIN LINE.
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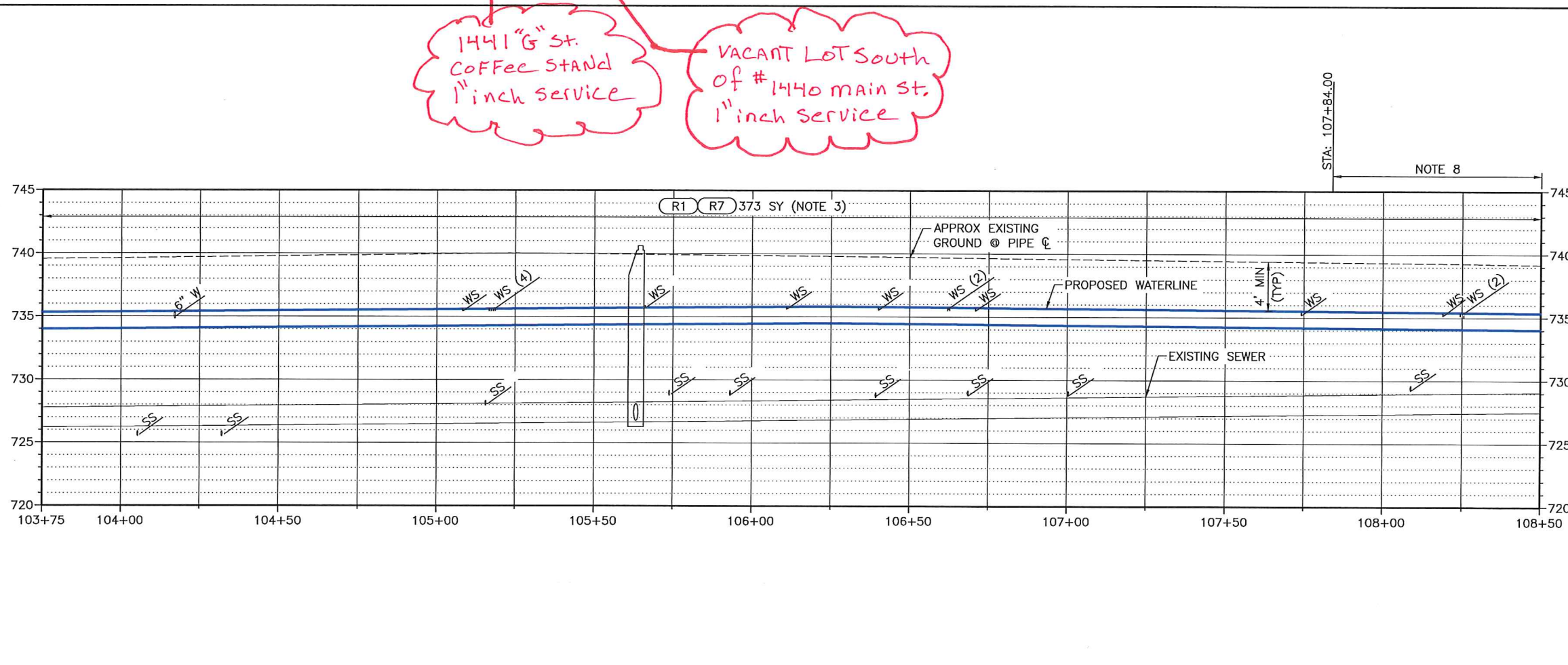
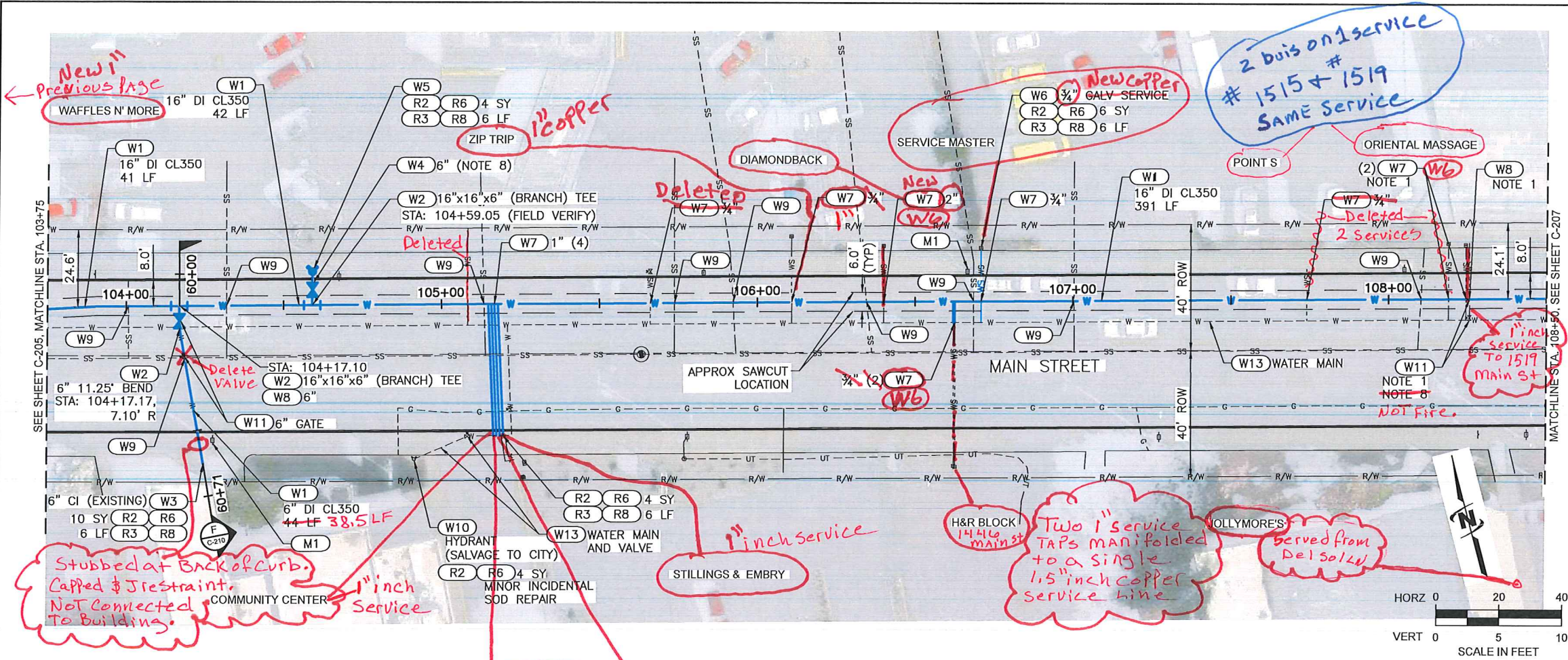
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846 6th Street
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Phone: 509.254.6011
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PROFESSIONAL ENGINEER
JOSH ELLIOTT
STATE OF IDAHO
15744
04-18-19

MAIN STREET WATER LINE - 9TH TO 18TH
CITY OF LEWISTON, IDAHO

PLAN & PROFILE
(BASE BID)

FILE: 23-18-051_C-201X
JUB PROJ #: 23-18-051
DRAWN BY: JPE
DESIGN BY: AB
CHECKED BY: JPE
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY
LAST UPDATED: 4/18/2019
SHEET NUMBER:
C-205



KEY NOTES:	
KEY NOTE	DESCRIPTION
WATER UTILITY KEY NOTES (SCH B PAY ITEMS)	
(W1)	WATER MAIN PIPE
(W2)	WATER FITTING
(W3)	CONNECT TO EXISTING
(W4)	GATE VALVE
(W5)	HYDRANT
(W6)	REMOVE AND REPLACE
(W7)	WATER SERVICE CONNECTION
(W8)	FIRE SERVICE CONNECTION
(W9)	NON-POTABLE WATERLINE SEPARATION (INCIDENTAL)
(W10)	REMOVE
(W11)	REMOVE AND REPLACE VALVE
(W12)	WATER MAIN SLEEVE
(W13)	ABANDON
(W14)	WATER METER
SEWER KEY NOTES (SCH B PAY ITEMS)	
(S1)	REMOVE AND REPLACE SANITARY SEWER
(S2)	CONNECT TO EXISTING SANITARY SEWER
(S3)	BYPASS SEWAGE PUMPING
SURFACE REPAIR KEY NOTES (SCH A PAY ITEMS)	
(R1)	MAIN LINE TYPE "P" SURFACE RESTORATION (ASPHALT ROADWAY)
(R2)	CONCRETE SIDEWALK, 4" THICKNESS.
(R3)	STANDARD 6 INCH VERTICAL CURB (NO GUTTER)
(R4)	STANDARD 6 INCH VERTICAL CURB AND GUTTER
(R5)	MOUNTABLE VERTICAL CURB (NO GUTTER)
(R6)	REMOVAL OF CONCRETE SIDEWALK
(R7)	REMOVAL OF PAVEMENT
(R8)	REMOVAL OF CURB (NO GUTTER)
(R9)	REMOVAL OF CURB AND GUTTER
MISCELLANEOUS KEY NOTES (SCH B PAY ITEMS)	
(M1)	POLE SUPPORT (INCIDENTAL)
(M2)	EXPLORATORY EXCAVATION
(M3)	REMOVE AND RESET SIGN

- NOTES:
- FIELD VERIFY SIZE, DEPTH AND MATERIAL.
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STATE OF IDAHO
04-18-19

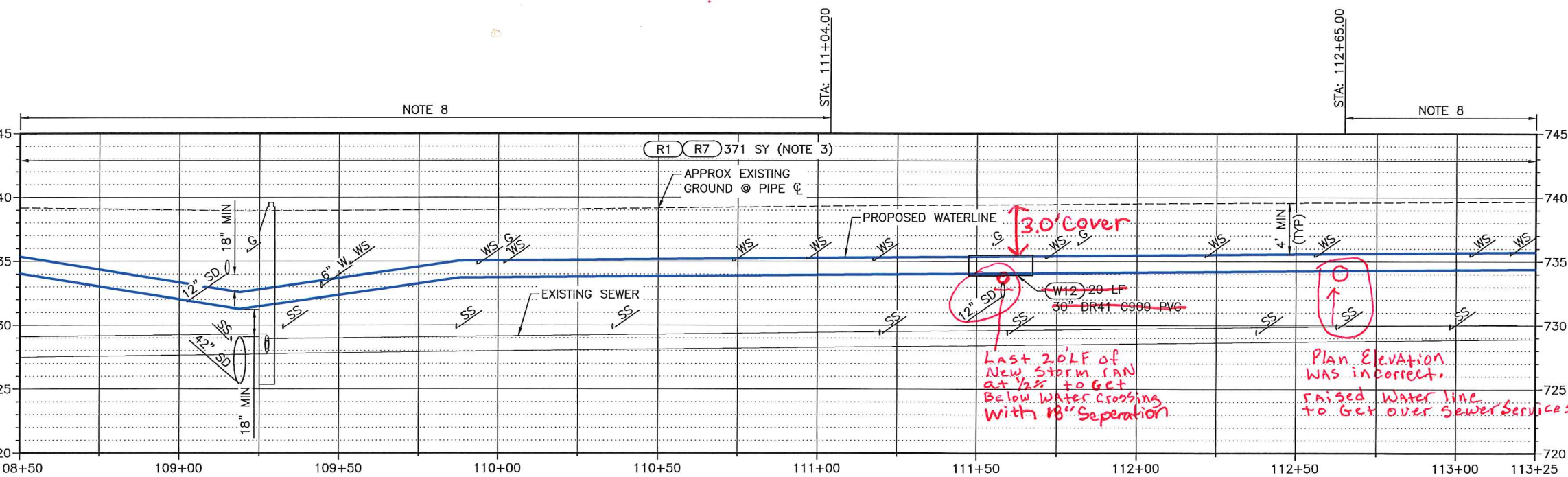
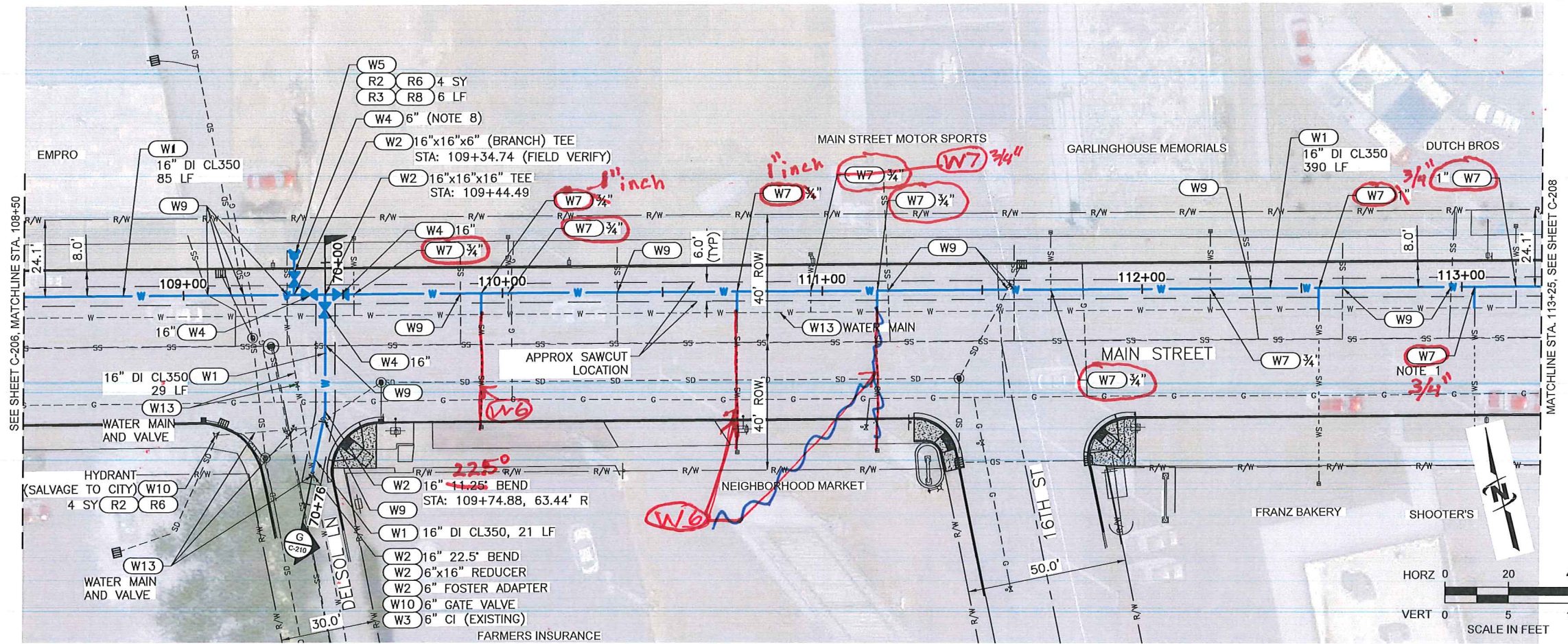
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NO.	REVISION	DESCRIPTION	DATE

MAIN STREET WATER LINE - 9TH TO 18TH
CITY OF LEWISTON, IDAHO

PLAN & PROFILE
(BASE BID)

FILE: 23-18-051 C-206X
JUB PROJ. #: 23-18-051
DRAWN BY: JPE
DESIGNED BY: AB
CHECKED BY: JPE
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGLY
LAST UPDATED: 4/18/2019
SHEET NUMBER:
C-206



KEY NOTES:	
KEY NOTE	DESCRIPTION
WATER UTILITY KEY NOTES (SCH B PAY ITEMS)	
(W1)	WATER MAIN PIPE
(W2)	WATER FITTING
(W3)	CONNECT TO EXISTING
(W4)	GATE VALVE
(W5)	HYDRANT
(W6)	REMOVE AND REPLACE
(W7)	WATER SERVICE CONNECTION
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REVISION

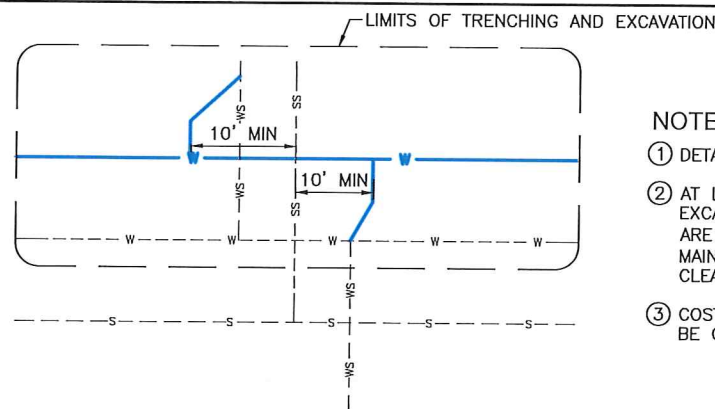
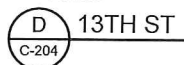
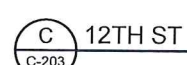
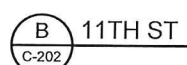
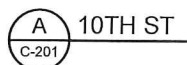
NO.	DESCRIPTION	DATE

MAIN STREET WATER LINE - 9TH TO 18TH
CITY OF LEWISTON, IDAHO

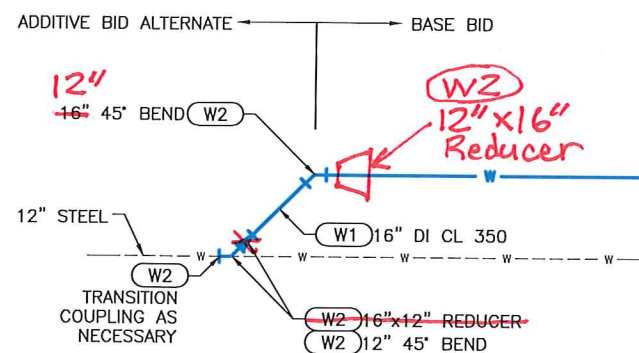
PLAN & PROFILE
(BASE BID)

FILE: 23-18-051_C-207X
JUB PROJ #: 23-18-051
DRAWN BY: JPE
DESIGN BY: AB
CHECKED BY: JPE
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY
LAST UPDATED: 4/18/2019

SHEET NUMBER:
C-207



③ COSTS ASSOCIATED WITH THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.



NOTE:
TIE-IN TO EXISTING SYSTEM AT THIS
LOCATION IS ONLY REQUIRED IF ADDITIVE
BID ALTERNATE IS NOT CONSTRUCTED.

CONNECT TO EXISTING 12" STEEL (STA. 99+00)
SCALE: NTS

MAIN STREET WATER LINE - 9TH TO 18TH
CITY OF LEWISTON, IDAHO

DETAILS

FILE: 23-18-051_C-210
JUB PROJ. #: 23-18-051
DRAWN BY: JPE

DESIGN BY: AB

CHECKED BY: JPE

ONE INCH
AT FULL SIZE, IF NOT

INCH, SCALE ACCO
LAST UPDATED: 4/17/201

SHEET NUMBER

SHEET NUMBER

C-210

0.71

Plot Date: 4/18/2019 9:36 AM Plotted By: Allon Boehm
Date Created: 3/21/2019 \\BOISEFILES\PUBLIC\PROJECTS\UB\23-18-051 - MAIN ST WATER LINE\CAD\SHSHEET\23-18-051 C-210.DWG