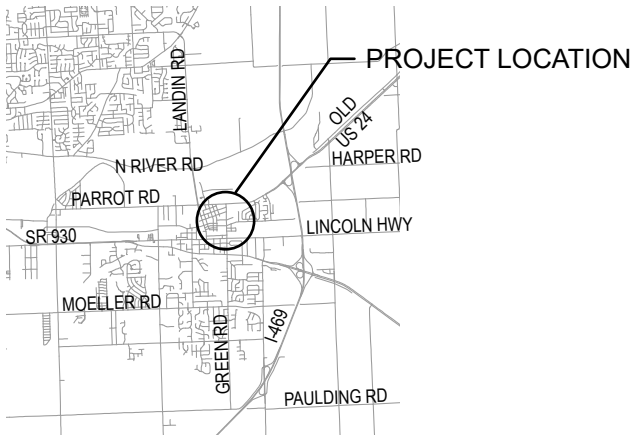


LATERAL 3R PROGRAM PHASE 1 FOR THE CITY OF NEW HAVEN ENGINEERING DEPARTMENT NEW HAVEN, INDIANA



VICINITY MAP
SCALE: NONE



STATE LOCATION MAP
SCALE: NONE

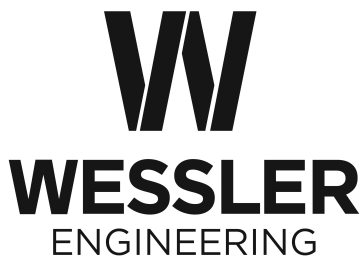
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JANUARY 2020



Charles A. Hutton

CHARLES A. HUTTON
REGISTERED ENGINEER
STATE OF INDIANA NO. 10809535

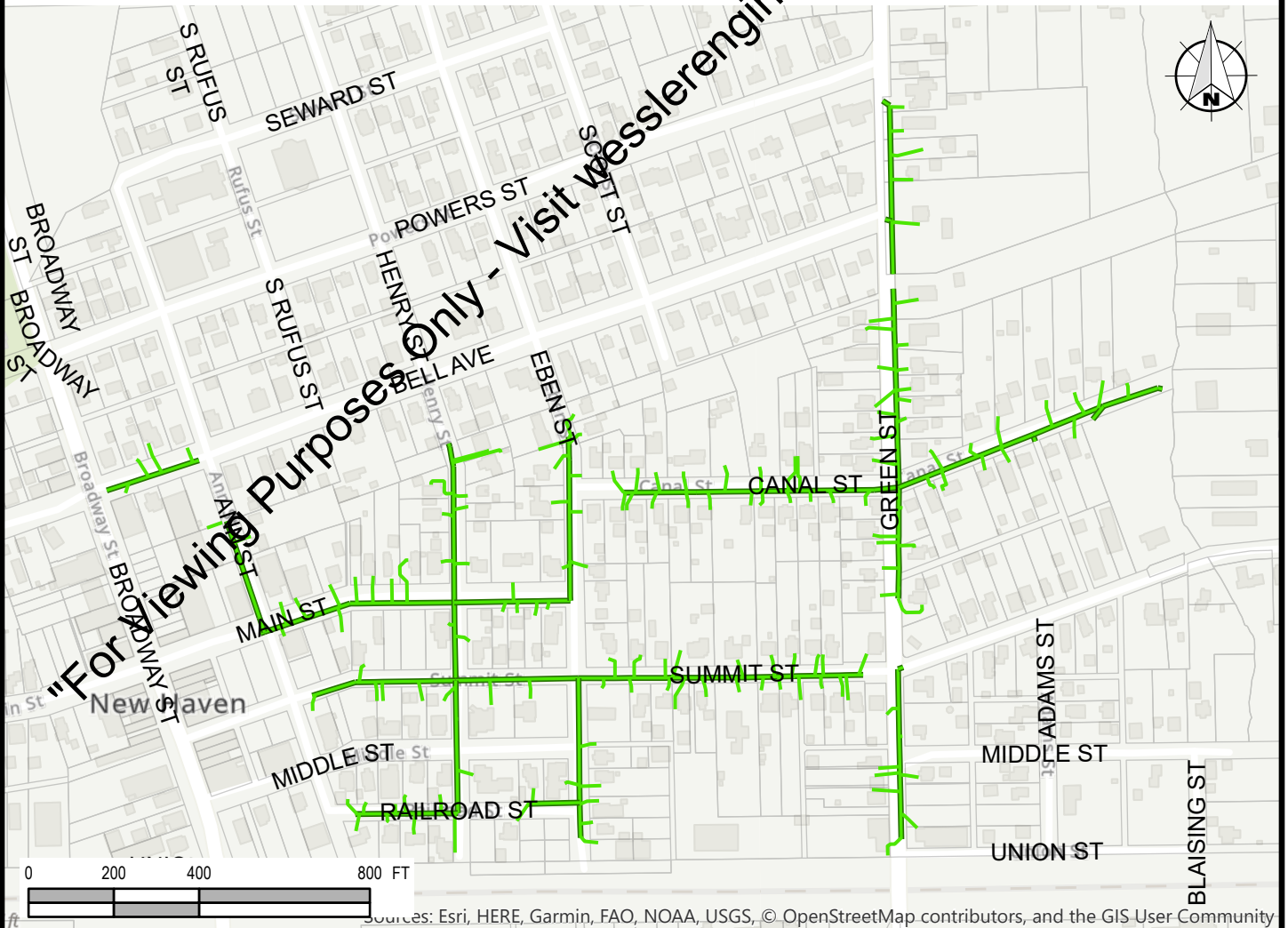


More than a Project™

PROJECT NUMBER
210118-04-001

DRAWING INDEX

GENERAL		STANDARD DETAILS	
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2	PROJECT AREA OVERVIEW	142	SANITARY SEWER SERVICE RISER DETAILS
3	GENERAL NOTES	143	SANITARY SEWER SERVICE DEFLECTION
4	LEGEND AND ABBREVIATIONS	144	SANITARY SEWER CLEANOUT
LATERAL MAPS		145	MODIFIED CLEANOUT DETAIL
5 - 6	ANN ST	146	STANDARD CLEANOUT CASTING
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41 - 54	EBEN ST	149	FLEXIBLE PIPE BEDDING
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86 - 91	HENRY ST	151	SANITARY SEWER REPAIR
92 - 100	MAIN ST		
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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

PROJECT AREA OVERVIEW
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GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE CITY OF NEW HAVEN ENGINEERING DEPARTMENT STANDARDS AND SPECIFICATIONS.
2. LINEAR FOOTAGE OF LATERAL REPLACEMENT IS APPROXIMATE. CONTRACTOR TO FOLLOW WORK NOTES ON LATERAL REPLACEMENT WORK SCHEDULE, LOCATED IN APPENDIX B OF THE PROJECT MANUAL.
3. LATERAL LOCATIONS DEPICTED HEREIN HAVE BEEN COMPILED FROM MULTIPLE SOURCES. THOSE SHOWN AS "GIS-LOCATED" ON THE LEGEND WERE RECEIVED FROM THE CITY OF NEW HAVEN GIS DEPARTMENT. THOSE SHOWN AS "ESTIMATED FROM AERIAL" DEPICT THE POSSIBLE REMAINING ROUTE TO THE RESIDENCE.
4. ALL EXISTING AND NEW UTILITY INFORMATION, INCLUDING BUT NOT LIMITED TO LOCATION, SIZE AND INVERT ELEVATION, IS SHOWN BASED UPON AVAILABLE INFORMATION. THE ENGINEER DOES NOT GUARANTEE OR ASSUME SUCH INFORMATION TO BE TRUE, ACCURATE, ALL INCLUSIVE OR EVEN APPROXIMATE. CONTACT THE INDIANA UNDERGROUND PLANT PROTECTION SERVICE (IUPPS) AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY. CONTACT NON-MEMBER UTILITIES DIRECTLY.
5. DETERMINE WHICH UTILITIES MAY CONFLICT WITH WORK AND VERIFY THEIR LOCATION, SIZE AND ELEVATION PRIOR TO CONSTRUCTION AND DETERMINE IF THERE ARE ANY DISCREPANCIES OR CONFLICTS. IF ANY DISCREPANCIES OR CONFLICTS ARE DISCOVERED, NOTIFY THE ENGINEER AS SOON AS POSSIBLE.
6. COORDINATE ALL WORK WITH THE RESPECTIVE UTILITIES. SCHEDULE WORK ACCORDINGLY, AND NOTIFY ALL UTILITIES A MINIMUM OF TWO (2) WEEKS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY.
7. COORDINATE PLANNED UTILITY SERVICE INTERRUPTIONS WITH THE RESPECTIVE UTILITIES AND THE UTILITIES' AFFECTED CUSTOMERS. SERVICE INTERRUPTIONS SHOULD NOT LAST MORE THAN FOUR (4) HOURS. GIVE WRITTEN NOTICE TO ALL AFFECTED UTILITY CUSTOMERS AND PROPERTY OWNERS AT LEAST TWENTY-FOUR (24) HOURS BUT NOT MORE THAN SEVENTY-TWO (72) HOURS PRIOR TO ANY PLANNED INTERRUPTION OF UTILITY SERVICE.
8. USE CAUTION DURING THE EXECUTION OF WORK TO PREVENT DAMAGE TO EXISTING UTILITIES. REPAIR OR REPLACE ALL PUBLIC AND PRIVATE FACILITIES DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS.
9. INSPECT THE PROPERTIES PRIOR TO BIDDING TO UNDERSTAND THE EXTENT OF THE WORK INVOLVED AND ADJUST BID ACCORDINGLY.
10. THIS PROJECT WILL INCLUDE HOMEOWNER COORDINATION. CONTRACTOR TO COORDINATE SCHEDULE OF WORK AND POTENTIAL OF INTERRUPTION OF SERVICE WITH HOMEOWNER AND OWNER.
11. COORDINATE STAGING AREA LOCATIONS WITH THE OWNER.
12. TO CONTROL DUST, REMOVE SOIL FROM STREETS USED BY CONSTRUCTION TRAFFIC DAILY, VACUUM AND WATER AS NECESSARY AND/OR AS DIRECTED BY THE OWNER.
13. RESET ALL MAILBOXES AND SIGNS DISTURBED BY CONSTRUCTION ACTIVITIES.
14. CONTRACTOR RESPONSIBLE FOR BYPASSING AND/OR MANAGING SANITARY LATERAL FLOWS DURING CONSTRUCTION AS NEEDED TO PREVENT BACKUPS OR INTERRUPTIONS TO SERVICE.
15. CONTRACTOR TO MAINTAIN HOMEOWNER'S ACCESS TO PROPERTY AT ALL TIMES. COORDINATE WITH HOMEOWNER IF ACCESS WILL BE LIMITED.
16. ALL POLY-VINYL CHLORIDE PIPE (PVC) SHALL CONFORM TO ASTM SPECIFICATION D-3034 CLASS 12 454-B ASTM D-1784 SDR 35 AND SDR 26.
17. ALL PVC JOINTS SHALL CONFORM TO ASTM SPECIFICATION D3212 FOR ELASTOMERIC GASKET JOINTS CONFORMING TO ASTM F-477 HAVING A MINIMUM CROSS SECTION AREA OF 0.20 SQUARE INCHES.
18. PIPE BEDDING CLASS B BEDDING FOR RIGID PIPE OR CLASS F FOR FLEXIBLE PIPE SHALL BE BEDDED WITH #8, OR #9 CRUSHED LIMESTONE AND SHALL BE CARRIED 12" ABOVE THE TOP OF THE PIPE.
19. ALL SEWER TRENCHES WITHIN THE ROAD RIGHT-OF-WAY UNDER PARKING LOTS, DRIVE, SIDEWALKS, AND EXISTING PIPES SHALL BE EMBEDDED WITH #8, OR #9 CRUSHED LIMESTONE, BACKFILLED WITH #53 OR #73 CRUSHED LIMESTONE, AND COMPACTED AT 95% MODIFIED PROCTOR DENSITY.
20. ANY EXISTING PIPE OR TILES WHICH ARE CUT DURING CONSTRUCTION SHALL BE REPLACED WITH EQUAL OR BETTER MATERIALS AND CONSTRUCTION METHODS.
21. ANY PAVEMENT OR IMPROVED ROAD SERVICE OR SIDEWALK CUT DURING CONSTRUCTION SHALL BE REPLACED WITH EQUAL OR BETTER MATERIALS AND CONSTRUCTION METHODS, TO MATCH EXISTING THICKNESS.

(CONTINUED ON PAGE 4)

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MRE	JLJ	CAH		
PROJECT NUMBER			CITY OF NEW HAVEN ENGINEERING DEPARTMENT	
210118-04-001			NEW HAVEN, INDIANA	
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







GENERAL NOTES (Continued)

22. ALL GRASSED AREAS WHICH ARE DISTURBED DURING THE COURSE OF CONSTRUCTION SHALL BE SEEDED WITH COMPARABLE GRASS SEED AND COVERED WITH STRAW. WATER SHALL BE APPLIED AS REQUIRED TO ASSURE GROWTH.
23. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RE-GRADED TO THE ORIGINAL CONTOURS PRIOR TO COMPLETION OF PROJECT.
24. NOTIFY THE ENGINEER IF ANY CONFLICTING INFORMATION BECOMES APPARENT IN THE CONTRACT DOCUMENTS AS SOON AS POSSIBLE AND PRIOR TO THE COMMENCEMENT OF ANY WORK IN THE VICINITY OF OR RELATIVE TO THE APPARENT CONFLICT SO THAT CLARIFICATION MAY OCCUR PRIOR TO CONSTRUCTION.
25. ANY ALTERATIONS TO THESE DRAWINGS NOT AUTHORIZED BY WESSLER ENGINEERING AND NOT IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS AND RECORDS ON FILE AT WESSLER ENGINEERING SHALL RELIEVE WESSLER ENGINEERING OF ANY RESPONSIBILITY FOR THE ACCURACY OF THE DRAWINGS.
26. USE CAUTION DURING THE EXECUTION OF WORK TO PREVENT DAMAGE TO STATE, COUNTY, MUNICIPAL, AND PRIVATE PROPERTY. REPAIR ALL DAMAGES AS A RESULT OF OPERATIONS, INCLUDING DAMAGE TO DRAINAGE STRUCTURES, FIELD TILES, PUBLIC/PRIVATE ROADS, AND LANDSCAPING (INCLUDING FENCING). REPAIR AND REPLACE DAMAGED ITEMS AT AN ADDITIONAL COST TO THE OWNER. PERFORM ALL REPAIR AND REPLACEMENT WORK TO THE SATISFACTION OF THE PERMITTING AGENCY, THE OWNER AND THE ENGINEER.
27. TAKE CARE TO AVOID DAMAGE TO PAVED AREAS WHICH ARE NOT SPECIFICALLY CALLED OUT FOR REPAIR OR REPLACEMENT. REPAIR, OR REPLACE ALL SUCH PAVEMENTS WHICH ARE DAMAGED BY CONSTRUCTION ACTIVITIES AND CONSTRUCTION TRAFFIC AT NO ADDITIONAL COST TO THE OWNER.


LEGEND

APPLIES TO MAPS ON SUBSEQUENT PAGES






SANITARY SEWER

-  Current Sheet Lateral Extents
-  Lateral Replacement
-  Lateral, GIS-Located
-  Lateral, Estimated from Aerial
-  Gravity Main
-  Service Connection
-  Manhole
-  Possible Cleanout or CCTV



WATER

-  Hydrant
-  System Valve
-  Service Connection
-  Fire Stop
-  Lateral
-  Pressure Main

STORMWATER

-  Manhole
-  Inlet
-  Lateral
-  Gravity Main
-  Service Connection

OTHER

-  Gas Main or Lateral
-  ROW and Property Lines (Indiana Map)

ABBREVIATIONS

NOTE: THIS LIST MAY NOT INCLUDE ALL ABBREVIATIONS FOUND WITHIN THIS PLAN SET. IF A QUESTION ARISES ON THE MEANING OF AN ABBREVIATION NOT LISTED IN THIS TABLE, PLEASE CONTACT THE ENGINEER FOR CLARIFICATION.

ASPH	ASPHALT
BPD	BACKFLOW PROTECTIVE DEVICE
CO	CLEANOUT
CO@HS	CLEANOUT AT HOUSE
CO@PL	CLEANOUT AT PROPERTY LINE

CONC	CONCRETE
EX	EXISTING
LF	LINEAR FEET
LNDS	LANDSCAPING

RPL	REPLACE
SAN	SANITARY
TRC	TRACER WIRE
WTR	WATER

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PROJECT NUMBER 210118-04-001			CITY OF NEW HAVEN ENGINEERING DEPARTMENT NEW HAVEN, INDIANA	



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SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	21	21
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	114	48	36	

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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

419
ANN ST
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EX GAS
RAILROAD ST

EX 8" SAN

551
ANN ST

REPLACE 28"
EX SERVICE
CONNECTION
(TYP)

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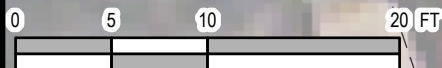
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	29	29

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	42	204



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CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**551
ANN ST**
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909
BELL AVE

REPLACE 12 LF

POSSIBLE
CO PER
VIDEO (TYP)

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EX 8" WTR

EX 15" STORM

BELL AVE

EX 8" SAN

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	12

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	72	36	36

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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BELL AVE
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915
BELL AVE

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POSSIBLE
CO PER
VIDEO (TYP)

BELL AVE
EX 8" WTR
EX 15" STORM
EX 8" SAN
EX GAS

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0 5 10 20 FT



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	72	0	

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LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

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BELL AVE**
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921
BELL AVE

ANN ST

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REPLACE 25 LF

EX 8" WTR

BELL AVE

EX 15" STORM

EX 8" SAN

EX 6" WTR

EX 10" STORM

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	25	25

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	186	36

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

921
BELL AVE
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STORM

EX 12" STORM

EX 48" STORM

EX 8" SAN

EX 6" WTR

EX SERVICE CONNECTION (TYP)

EBEN ST

1104 CANAL ST

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0 5 10 20 FT



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	0

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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1104
CANAL ST
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EX 6" WTR

CANAL ST

EX 48" STORM

POSSIBLE
CO PER
VIDEO (TYP)

EX 8" SAN

EX GAS

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REPLACE 25 LF

EX SERVICE
CONNECTION
(TYP)

1108
CANAL ST

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	25

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	192	30

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

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1111
CANAL ST

EX SERVICE
CONNECTION
(TYP)

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EX 6" WTR

CANAL ST

EX 48" STORM

POSSIBLE
CO PER
VIDEO (TYP)

EX 8" SAN

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1111
CANAL ST**
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EX 6" WTR

CANAL ST

EX 48" STORM

POSSIBLE
CO PER
VIDEO (TYP)

EX 8" SAN

EX GAS

EX SERVICE
CONNECTION
(TYP)

1114
CANAL ST

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

1114
CANAL ST
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EX SERVICE CONNECTION (TYP)

EX GAS

1115 CANAL ST

EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" SAN

POSSIBLE CO PER VIDEO (TYP)

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	0	72

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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1115
CANAL ST
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1121
CANAL ST

EX SERVICE
CONNECTION
(TYP)

EX GAS

EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" SAN

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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CITY OF NEW HAVEN ENGINEERING DEPARTMENT NEW HAVEN, INDIANA	

1121 CANAL ST
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EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" SAN

EX GAS

EX SERVICE CONNECTION (TYP)

1122 CANAL ST

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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CANAL ST
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EX 6" WTR

CANAL ST

EX 48" STORM

EX 0" STORM

EX 8" SAN

EX GAS

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1128
CANAL ST

REPLACE 29 LF

EX SERVICE CONNECTION (TYP)

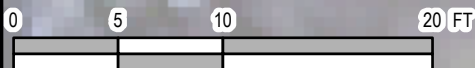
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	29	29

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	210	36



SEE LEGEND ON PAGE 4

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 NEW HAVEN, INDIANA

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CANAL ST
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1129
CANAL ST

REPLACE 24 LF

EX SERVICE
CONNECTION
(TYP)

EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" SAN

EX 0"
STORM

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	24	24

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	216	0

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0 5 10 20 FT

SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1129
CANAL ST
 PAGE 18 of 151



EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" SAN

EX GAS

1134
CANAL ST

REPLACE 13 LF

EX SERVICE
CONNECTION
(TYP)

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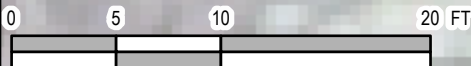
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	13

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	114



SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1134
CANAL ST
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1143
CANAL ST

REPLACE 137 LF

EX SERVICE
CONNECTION
(TYP)

EX GAS

POSSIBLE
CO PER
VIDEO (TYP)

CANAL ST

EX 6" WTR

EX 48" STORM

EX 8" SAN

EX 8"
STORM

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	137	137

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	42	852	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1143
CANAL ST
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EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" STORM

EX 8" SAN

EX GAS

EX SERVICE CONNECTION (TYP)

1144
CANAL ST

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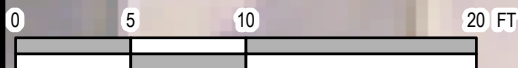
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36



SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

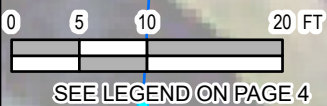
LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1144
CANAL ST
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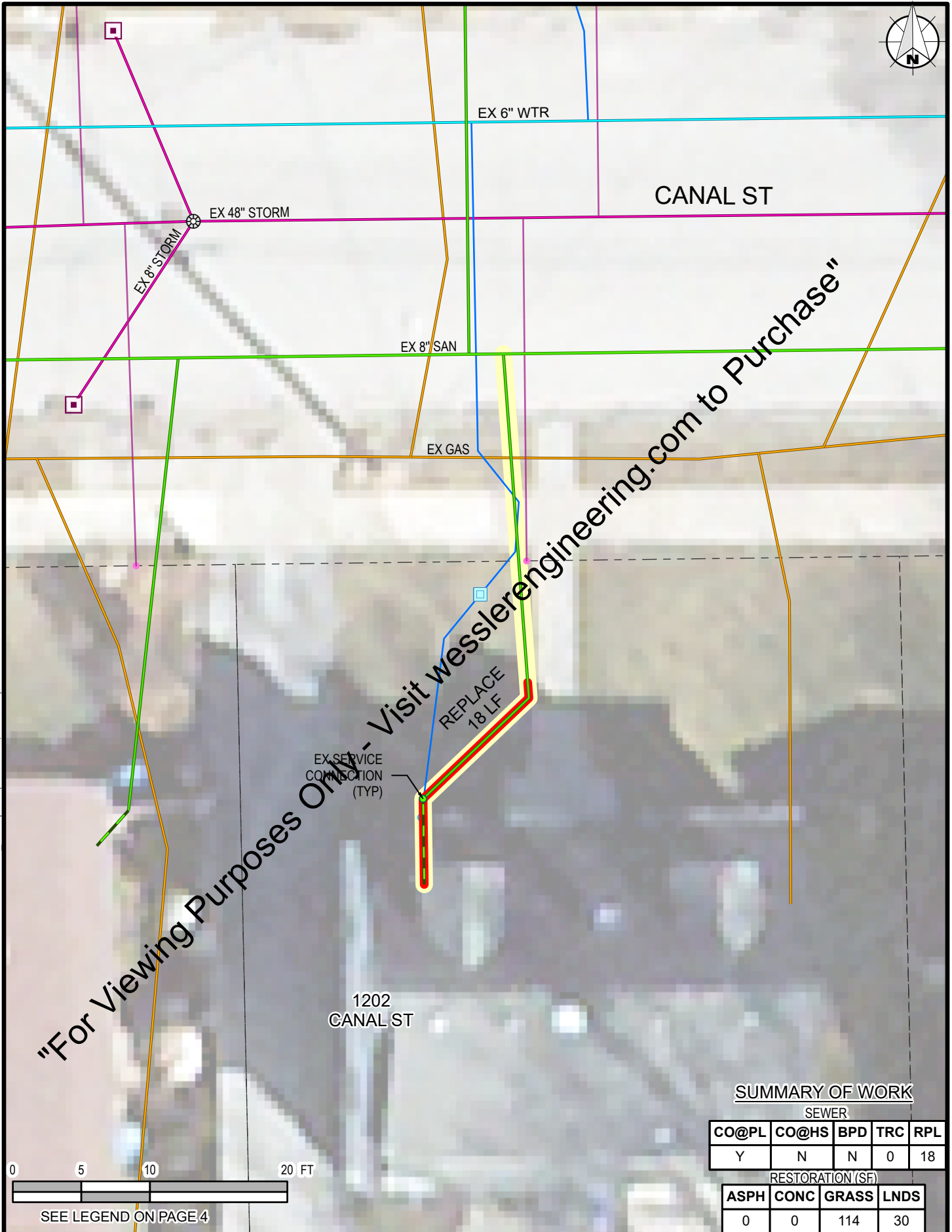
SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	41
RESTORATION(SF)				
ASPH	CONC	GRASS	LNDS	
0	0	252	66	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1201
CANAL ST
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1202
CANAL ST

REPLACE
18 LF

EX SERVICE
CONNECTION
(TYP)

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	18

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	114	30



SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

1202
CANAL ST
PAGE 23 of 151



EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" SAN

EX GAS

1208
CANAL ST

EX SERVICE
CONNECTION
(TYP)

REPLACE
14 LF

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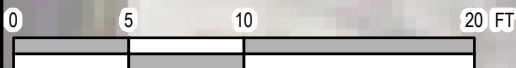
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	14

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	126	30



SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1208
CANAL ST
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1209
CANAL ST

EX SERVICE
CONNECTION
(TYP)

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EX 6" WTR

EX 48" STORM

CANAL ST

EX 8" SAN

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

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0 5 10 20 FT

SEE (LEGEND ON PAGE 4

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MRE	JLJ	CAH
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210118-04-001		

LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**1209
CANAL ST**
PAGE 25 of 151



1213
CANAL ST

EX SERVICE
CONNECTION
(TYP)

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EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" SAN

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	0

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0 5 10 20 FT

SEE LEGEND ON PAGE 4

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210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**1213
CANAL ST**
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EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" SAN

EX GAS

1214

CANAL ST

EX SERVICE CONNECTION (TYP)

REPLACE 12 LF

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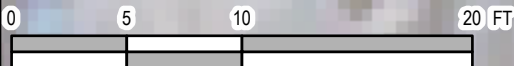
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	12

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	108	0



SEE LEGEND ON PAGE 4

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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1214
CANAL ST
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EX 6" WTR

CANAL ST
EX 48" STORM

EX 8" SAN

EX GAS

EX SERVICE
CONNECTION
(TYP)

REPLACE 17 LF

1220
CANAL ST

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	17

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	78	96	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

1220
CANAL ST
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GREEN ST

EX 8" WTR

EX GAS

EX 8" SAN

EX 8" STORM

EX SERVICE CONNECTION (TYP)

1302 CANAL ST

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0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	Y	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	36

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

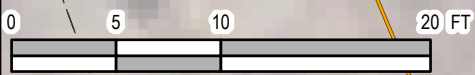
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1302
CANAL ST
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	15
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	126	0	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

1310
CANAL ST

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EX 8" WTR

EX 48" STORM
CANAL
ST

EX 15" SAN

EX GAS

REPLACE
30 LF

POSSIBLE
COVER
VIDEO

EX SERVICE
CONNECTION
(TYP)

1314
CANAL ST

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	30

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	186	66

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1314
CANAL ST
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EX 8" WTR

CANAL ST EX 48" STORM

EX 15" SAN

EX GAS

REPLACE 33 LF

EX SERVICE CONNECTION (TYP)

1320 CANAL ST

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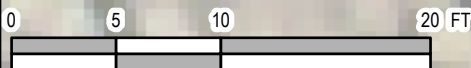
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	33	33

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	18	162	90



SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1320
CANAL ST
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1327 CANAL ST

CANAL ST

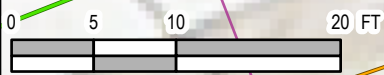
EX GAS

EX SERVICE CONNECTION

EX 8" WTR

EX 15" SAN

EX 48" STORM



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

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PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1327
CANAL ST
 PAGE 33 of 151



EX 8" WTR

CANAL ST

EX 48" STORM

EX 15" SAN

EX GAS

1332
CANAL ST

REPLACE 15 LF

EX SERVICE
CONNECTION
(TYP)

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	15

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	90

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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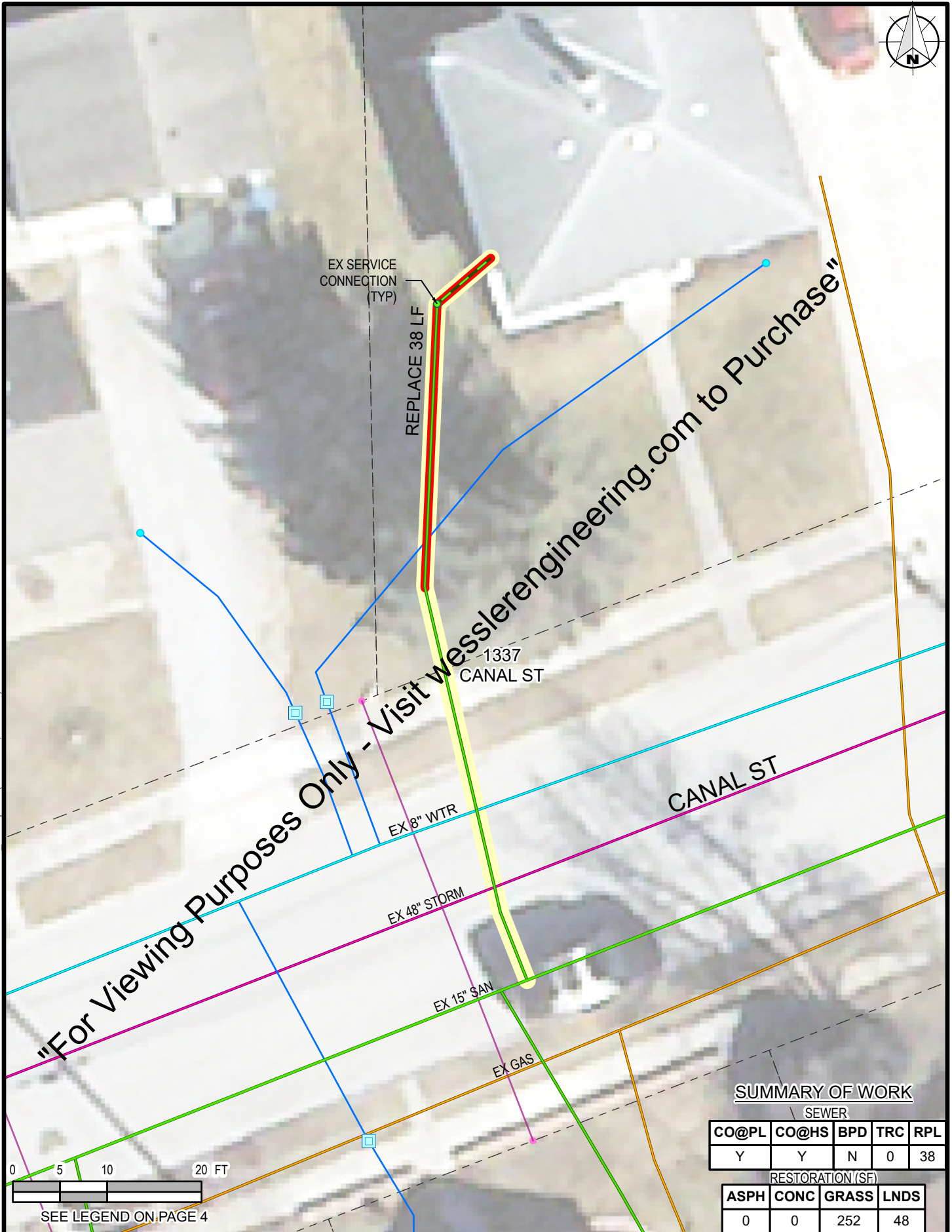
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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

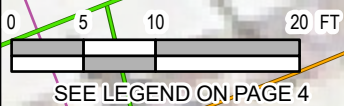
1332
CANAL ST
PAGE 34 of 151



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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	38
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	252	48	

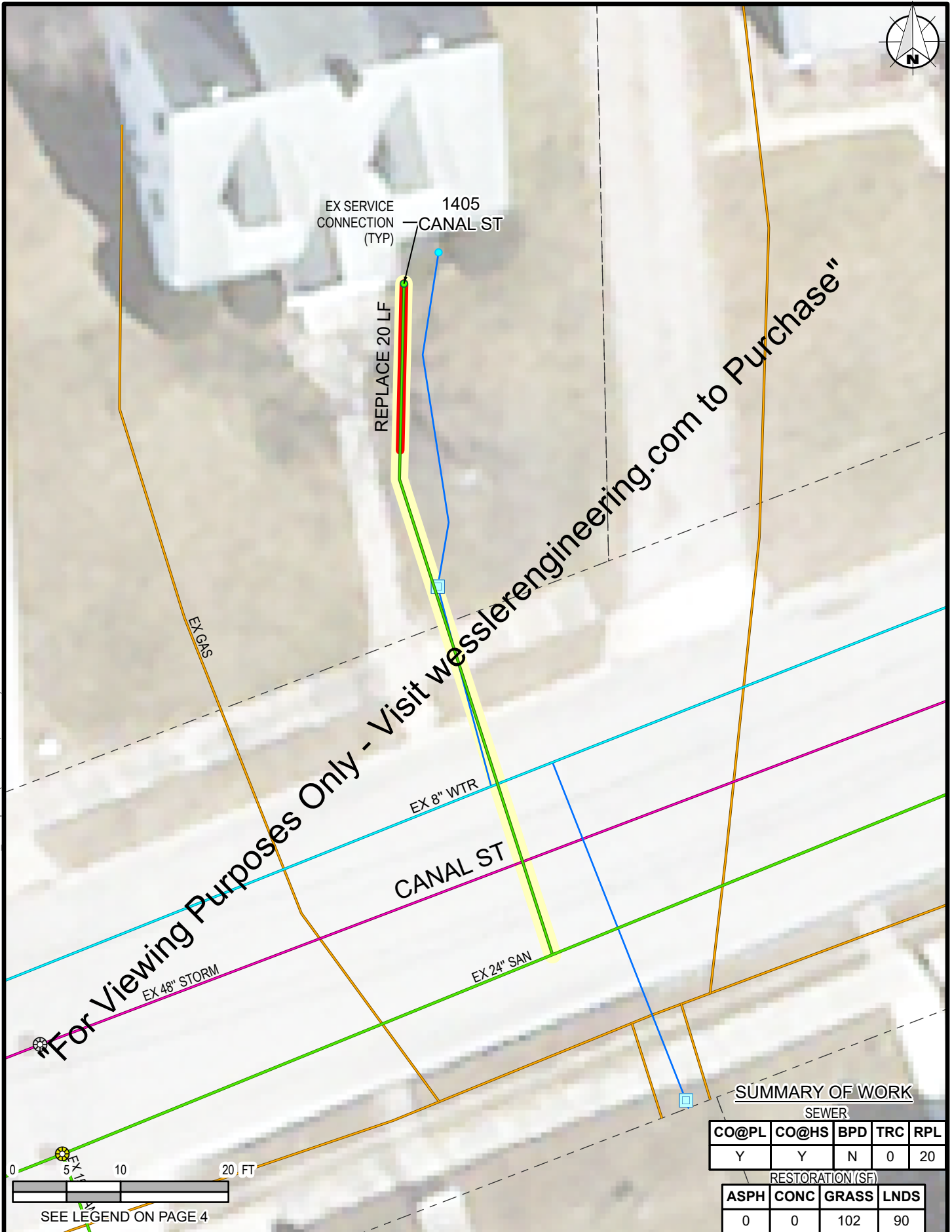
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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

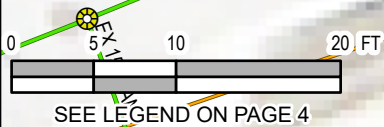
1337
CANAL ST
 PAGE 35 of 151



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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	20
RESTORATION(SF)				
ASPH	CONC	GRASS	LNDS	
0	0	102	90	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1405
CANAL ST
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1411
CANAL ST

EX SERVICE
CONNECTION
(TYP)

REPLACE
21 LF

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CANAL ST

EX 48" STORM

EX 24" SAN

EX 6" WTR

EX 36" SAN

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	21

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	168	30

0 5 10 20 FT

SEE LEGEND ON PAGE 4

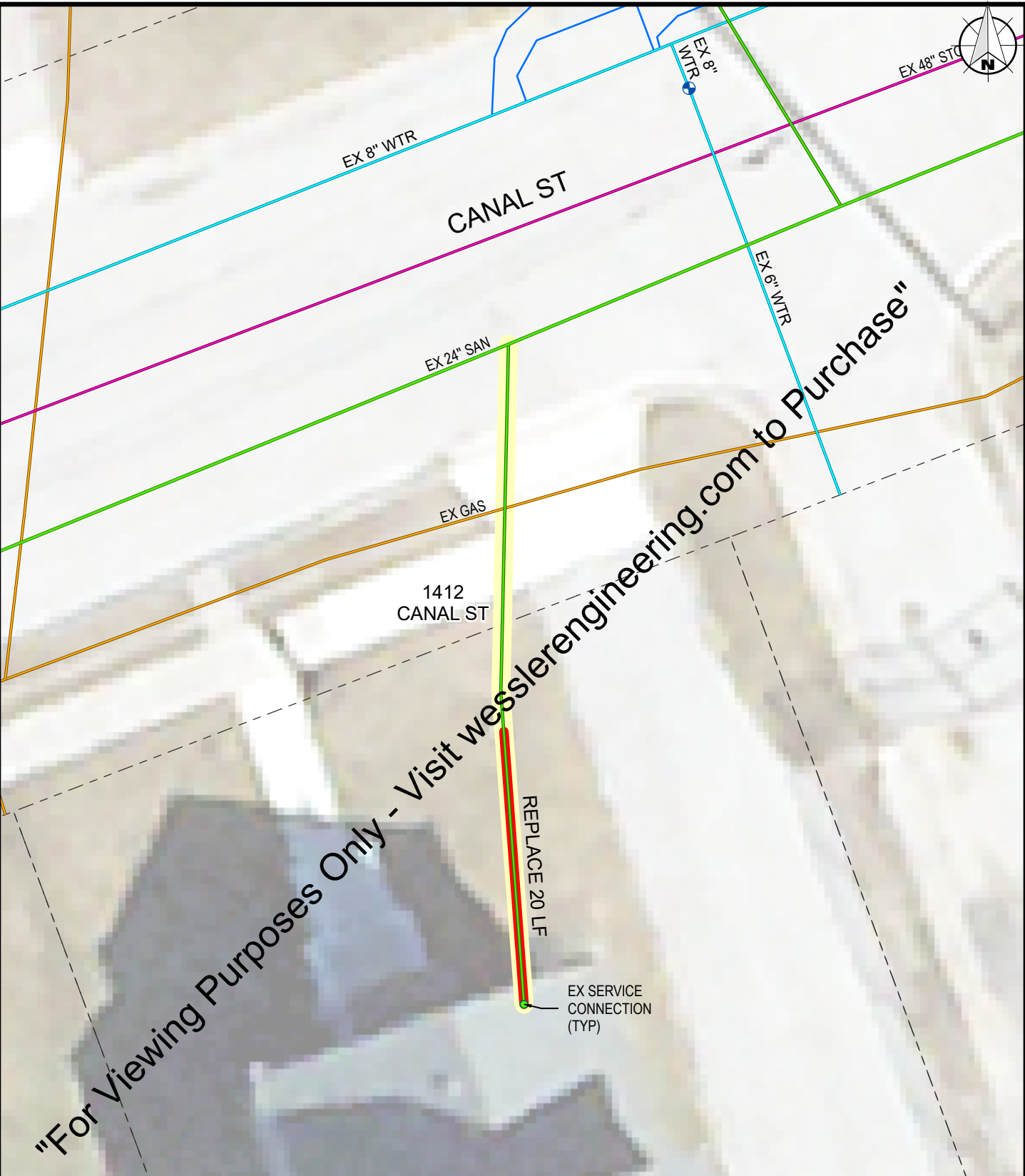
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PROJECT NUMBER		
210118-04-001		

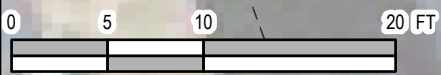
LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1411
CANAL ST
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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	20

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	132	60

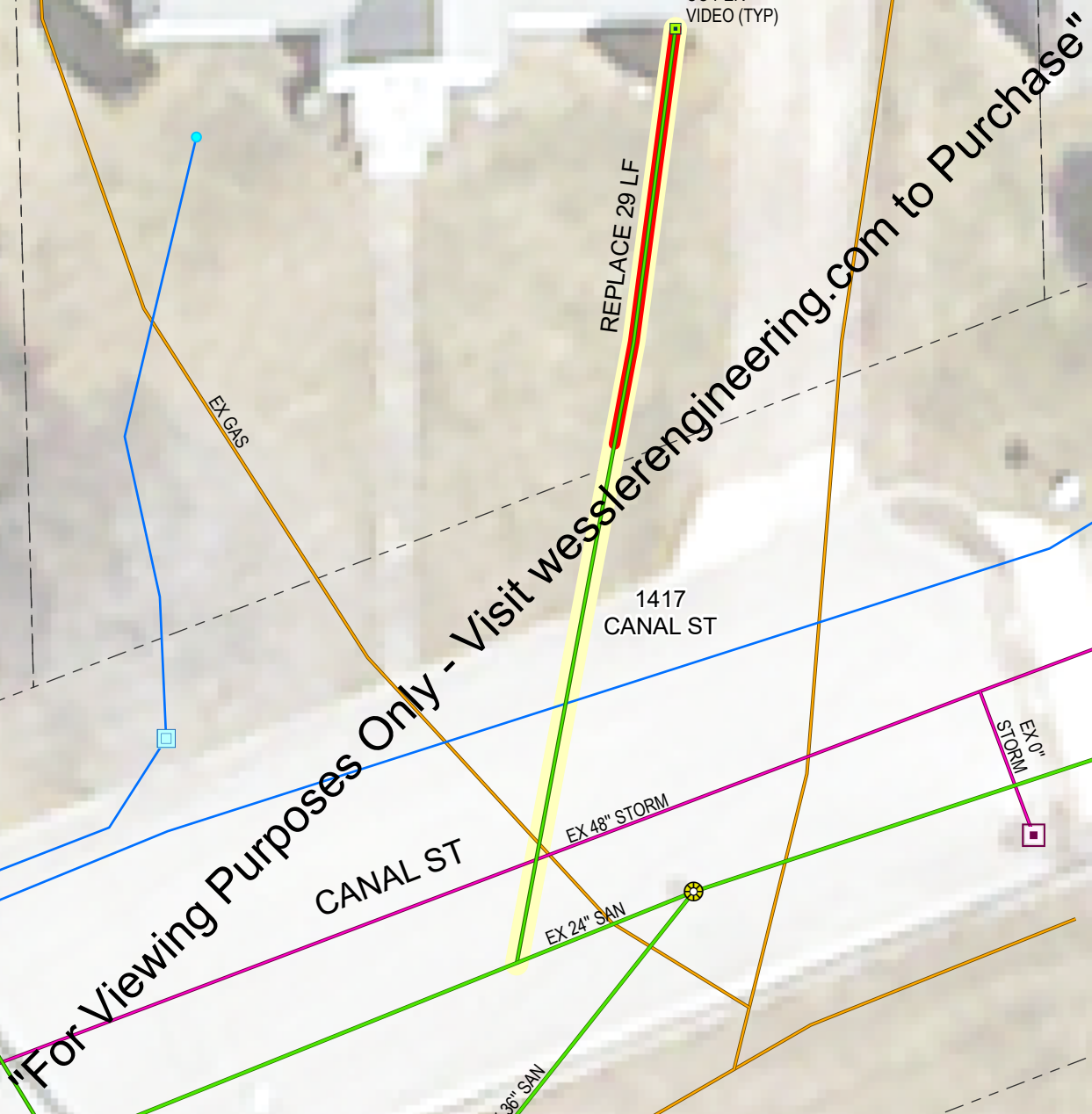
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MRE	JLJ	CAH
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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1412
CANAL ST
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POSSIBLE
CO PER
VIDEO (TYP)

REPLACE 29 LF

EX 64S

1417
CANAL ST

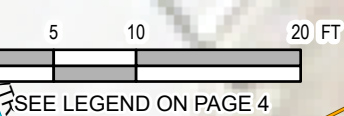
CANAL ST

EX 48" STORM

EX 24" SAN

EX 30" SAN

EX 0" STORM



SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	29	29
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	210	0	

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MRE	JLJ	CAH
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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1417
 CANAL ST**
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1425
CANAL ST

POSSIBLE
CO PER
VIDEO (TYP)

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EX 48" STORM

EX 24" SAN

EX 36" STORM

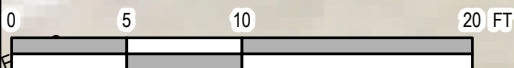
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	0



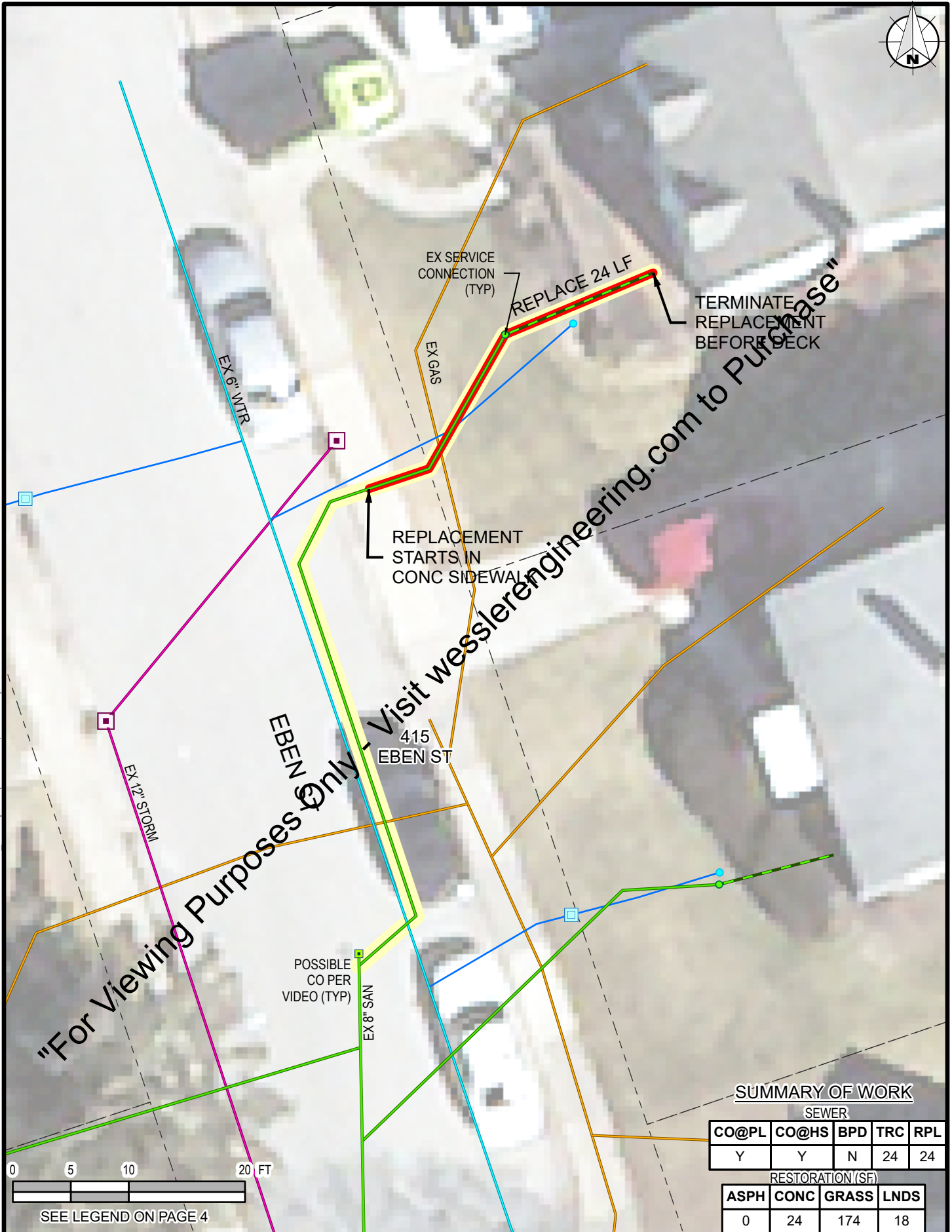
SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

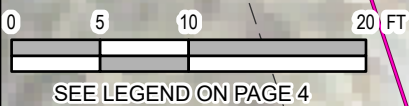
LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1425
CANAL ST
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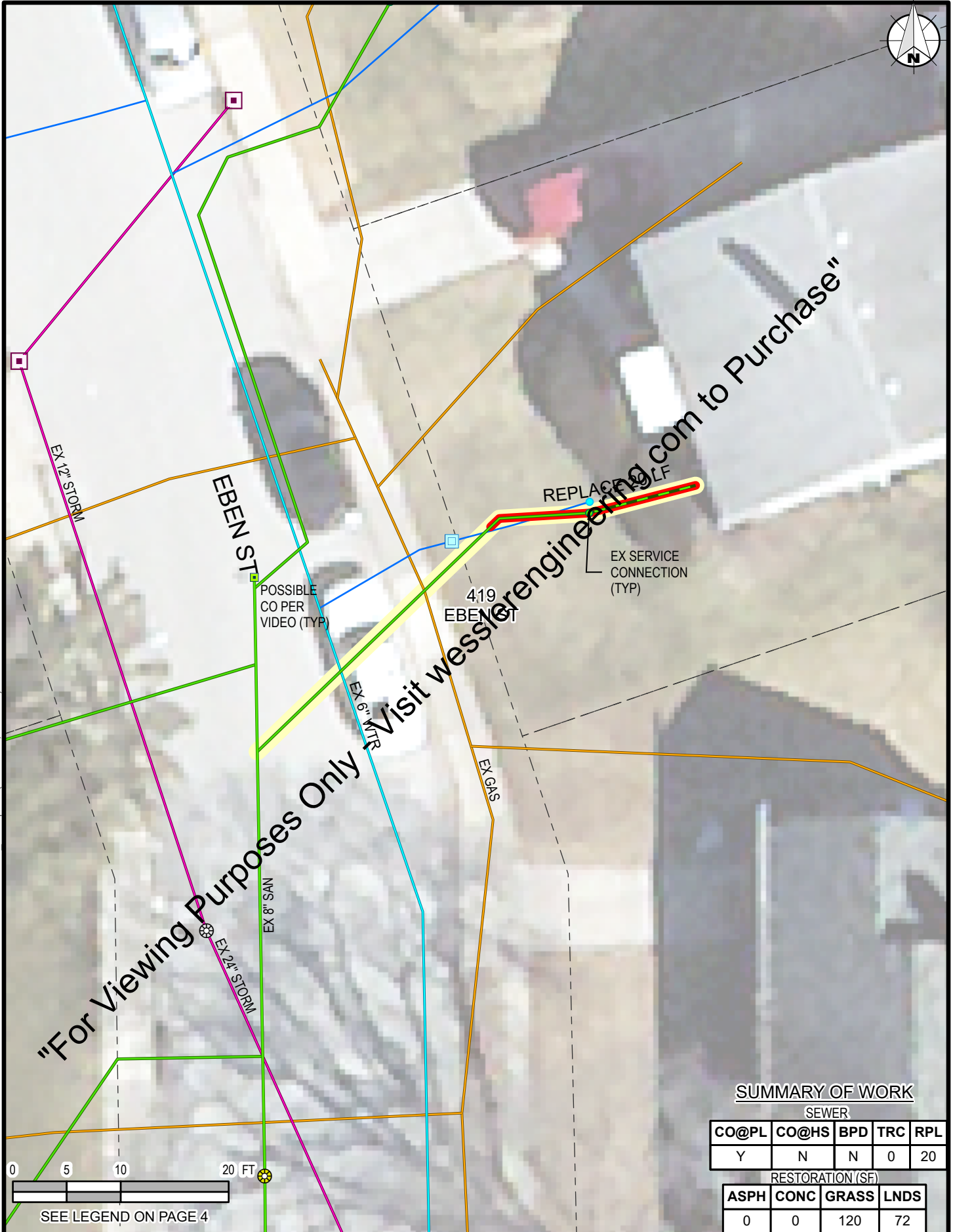
SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	24	24
RESTORATION(SF)				
ASPH	CONC	GRASS	LNDS	
0	24	174	18	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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EBEN ST
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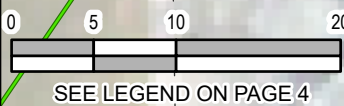


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SUMMARY OF WORK

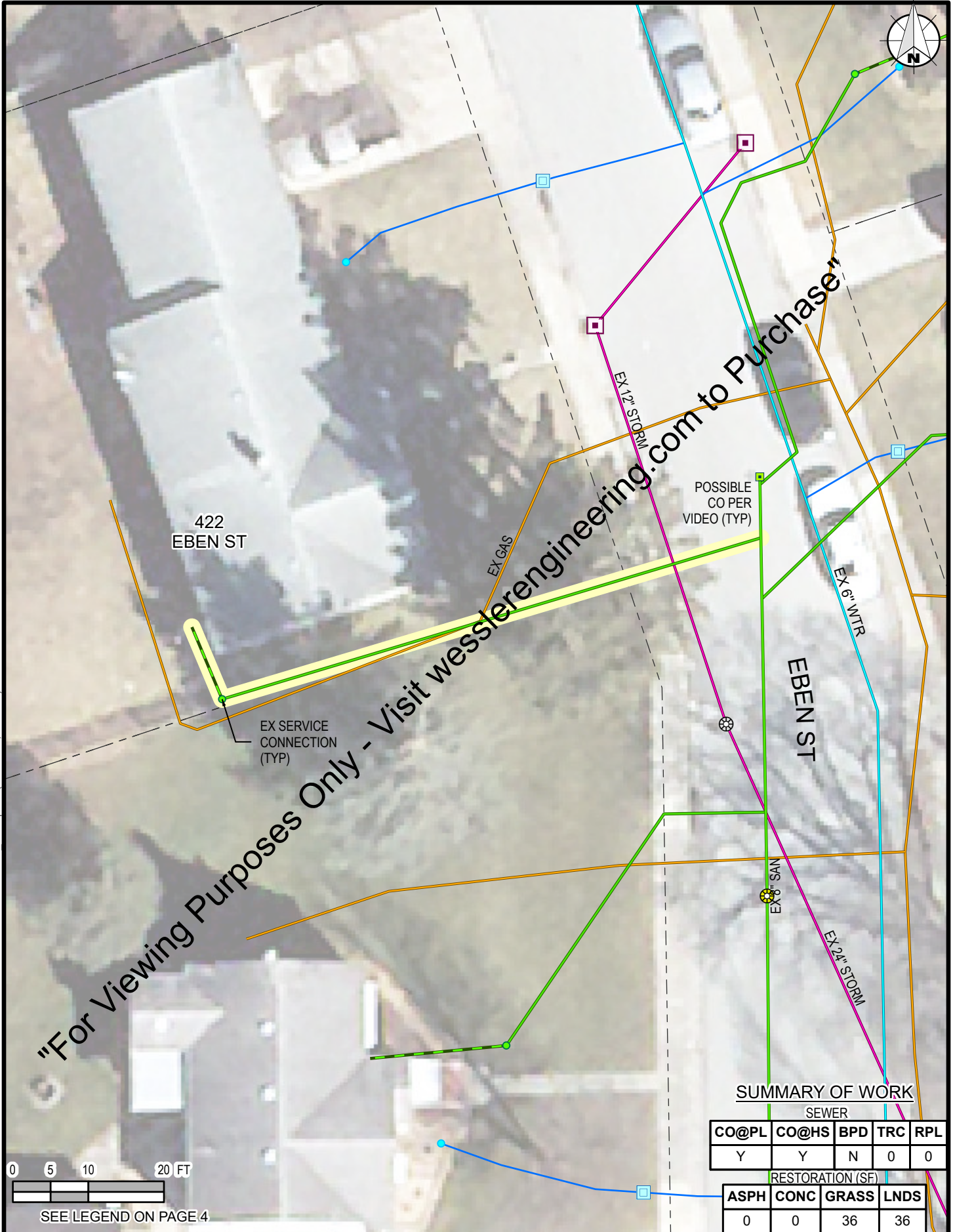
SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	20
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	120	72	



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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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EBEN ST
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422
EBEN ST

EX SERVICE
CONNECTION
(TYP)

EX GAS

EX 12" STORM

POSSIBLE
CO PER
VIDEO (TYP)

EX 6" WTR

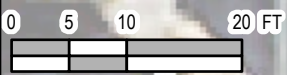
EBEN ST

EX 8" SAN

EX 24" STORM

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	36	36	



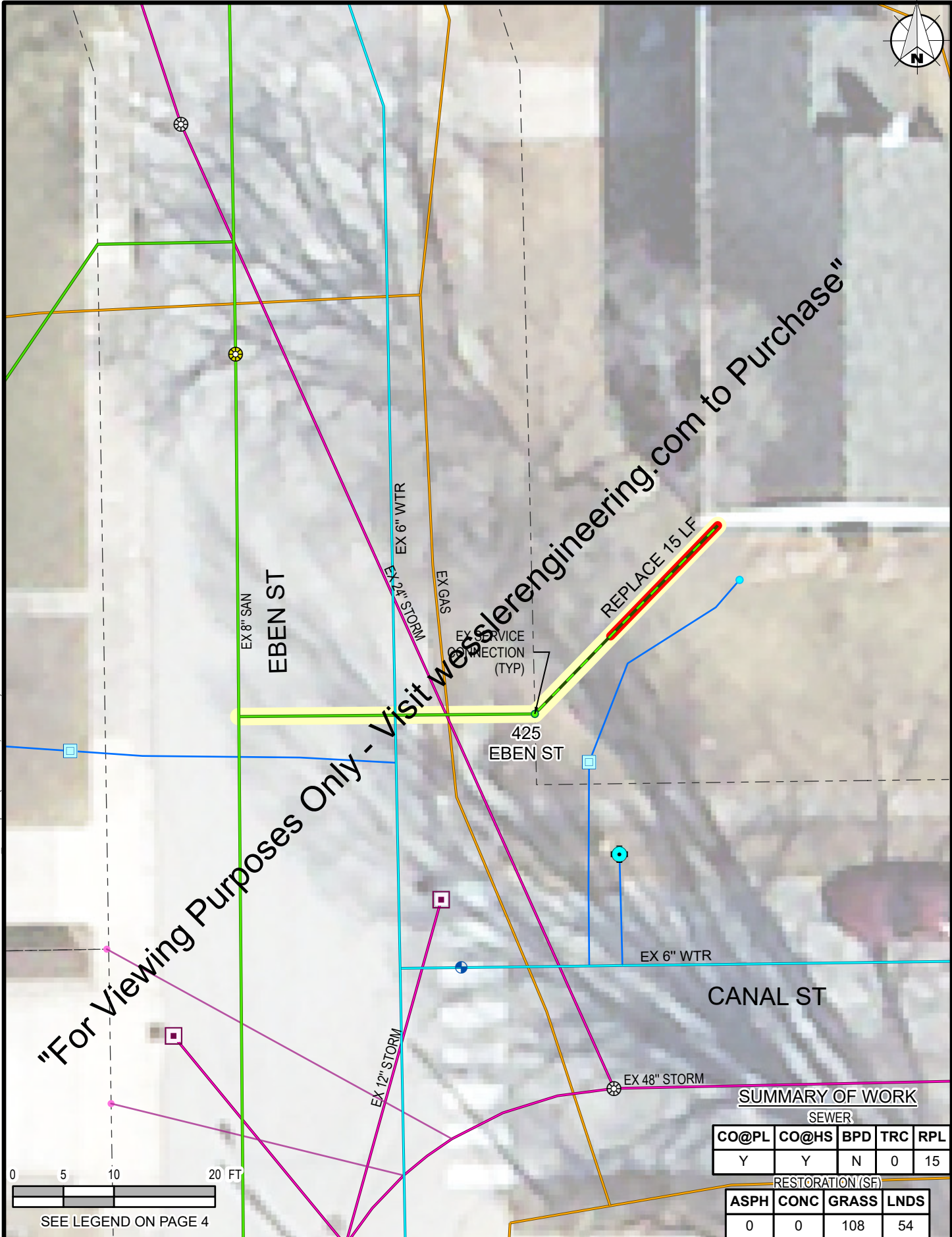
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MRE	JLJ	CAH
PROJECT NUMBER		
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CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

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EBEN ST**
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	15
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	108	54	

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

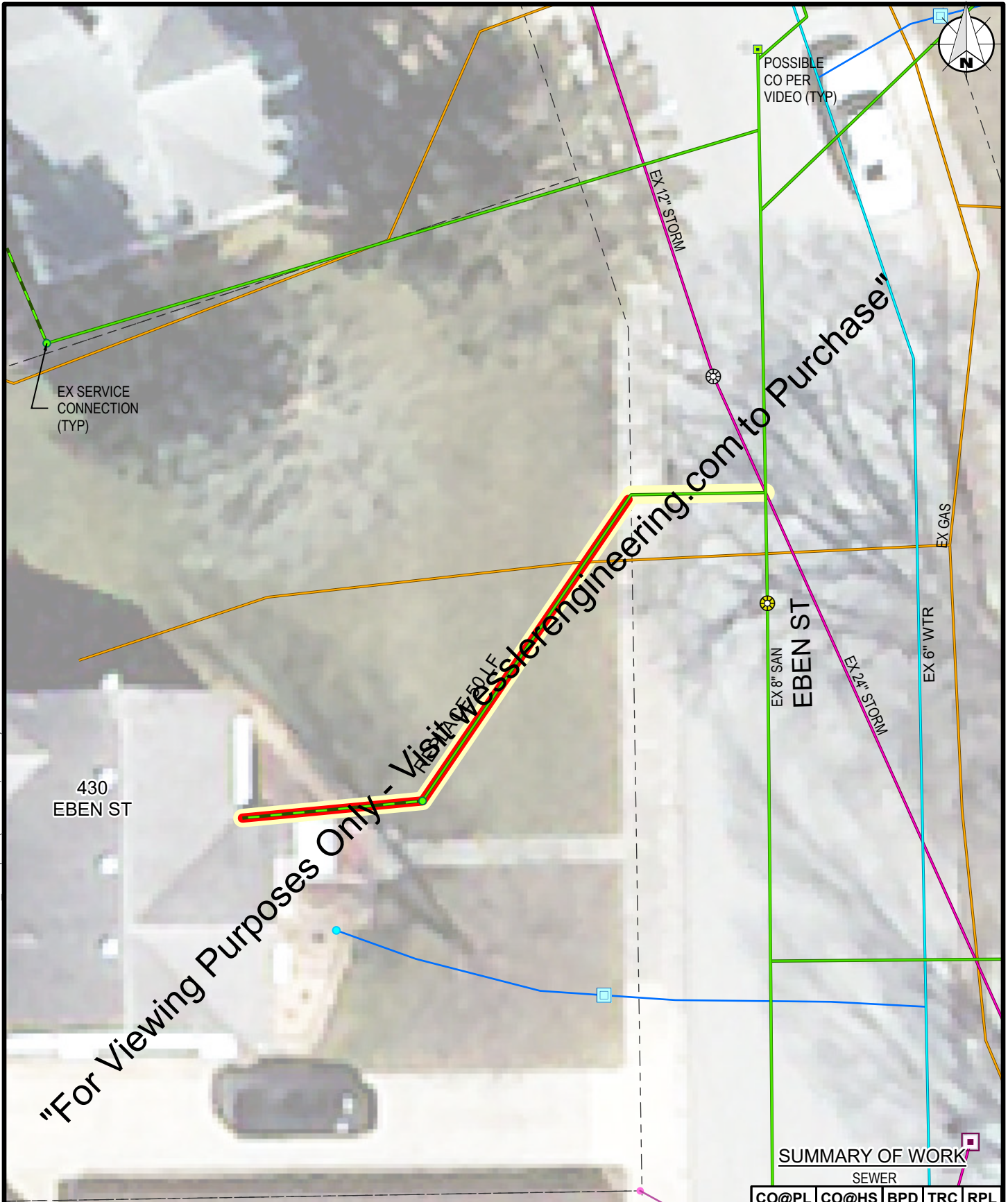
LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

425
EBEN ST

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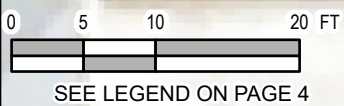


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430
EBEN ST

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	50	50
RESTORATION/(SF)				
ASPH	CONC	GRASS	LNDS	
0	24	348	0	

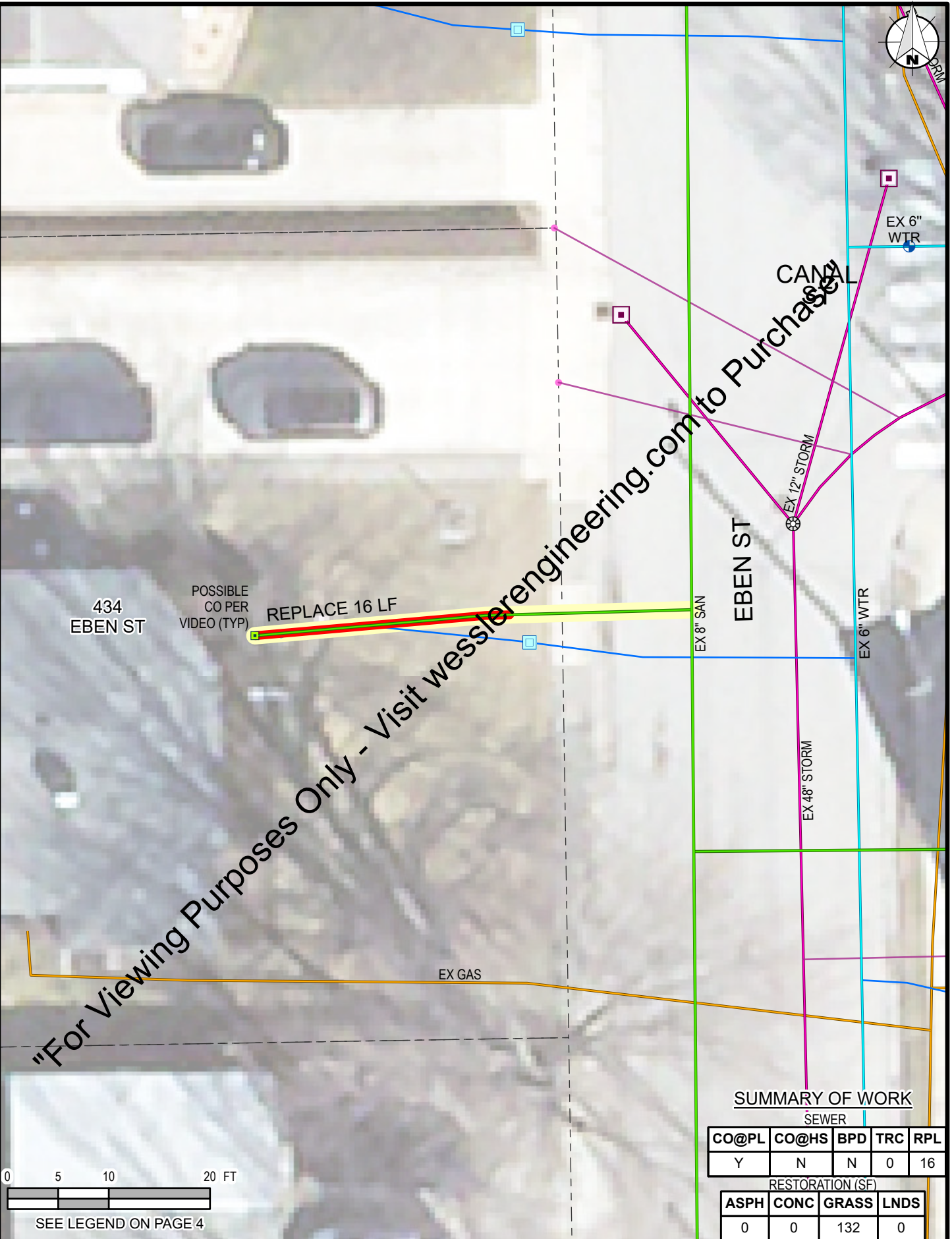


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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

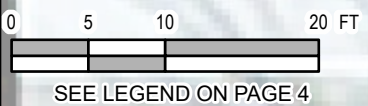
LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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EBEN ST**
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	16
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	132	0	

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

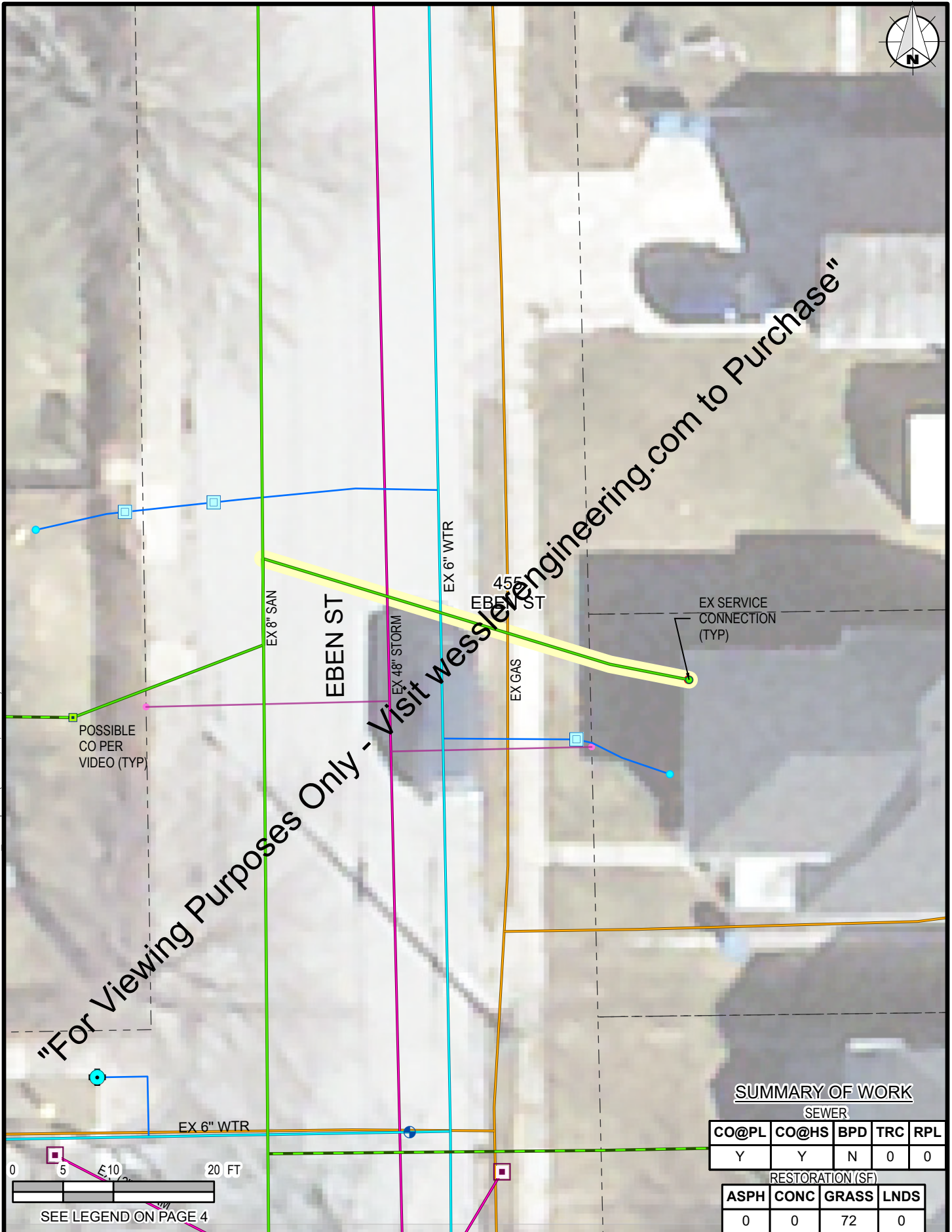
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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EBEN ST
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POSSIBLE CO PER VIDEO (TYP)

EX SERVICE CONNECTION (TYP)

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	72	0	



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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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EBEN ST
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EX SERVICE CONNECTION (TYP)

POSSIBLE CO PER VIDEO (TYP)

EX 8" SAN

EX 6" WTR

REPLACE 28 LF

REPLACE TO EX CLEANOUT

457 EBEN ST

EX 48" STORM
EX 12" STORM

MAIN ST

EX 6" WTR

EX GAS

EX 10" SAN

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	28	28

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	18	222	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

457

EBEN ST

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MAIN ST
EX 48" STORM

EX 10" SAN

EX SERVICE
CONNECTION
(TYP)

EX GAS

POSSIBLE
CO PER
VIDEO (TYP)

504
EBEN ST

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	Y	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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 EBEN ST**
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EBEN ST

EX 6" WTR

MIDDLE ST

EX 6" WTR

EX 8" SAN

EX GAS

EX SERVICE CONNECTION (TYP)

REPLACE 24 LF

93 EBEN ST

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0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	24	24

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	144	36

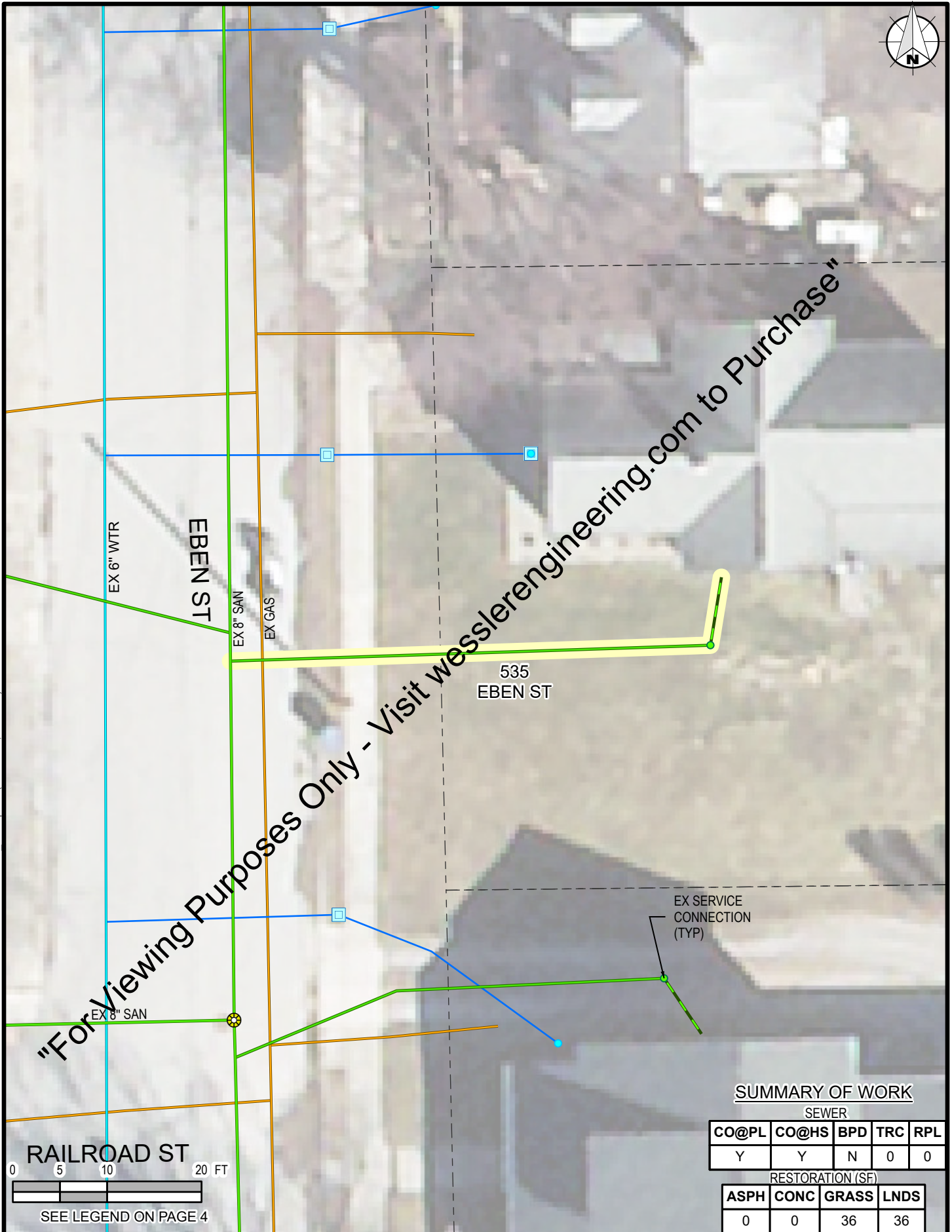
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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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EBEN ST
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	36	36	

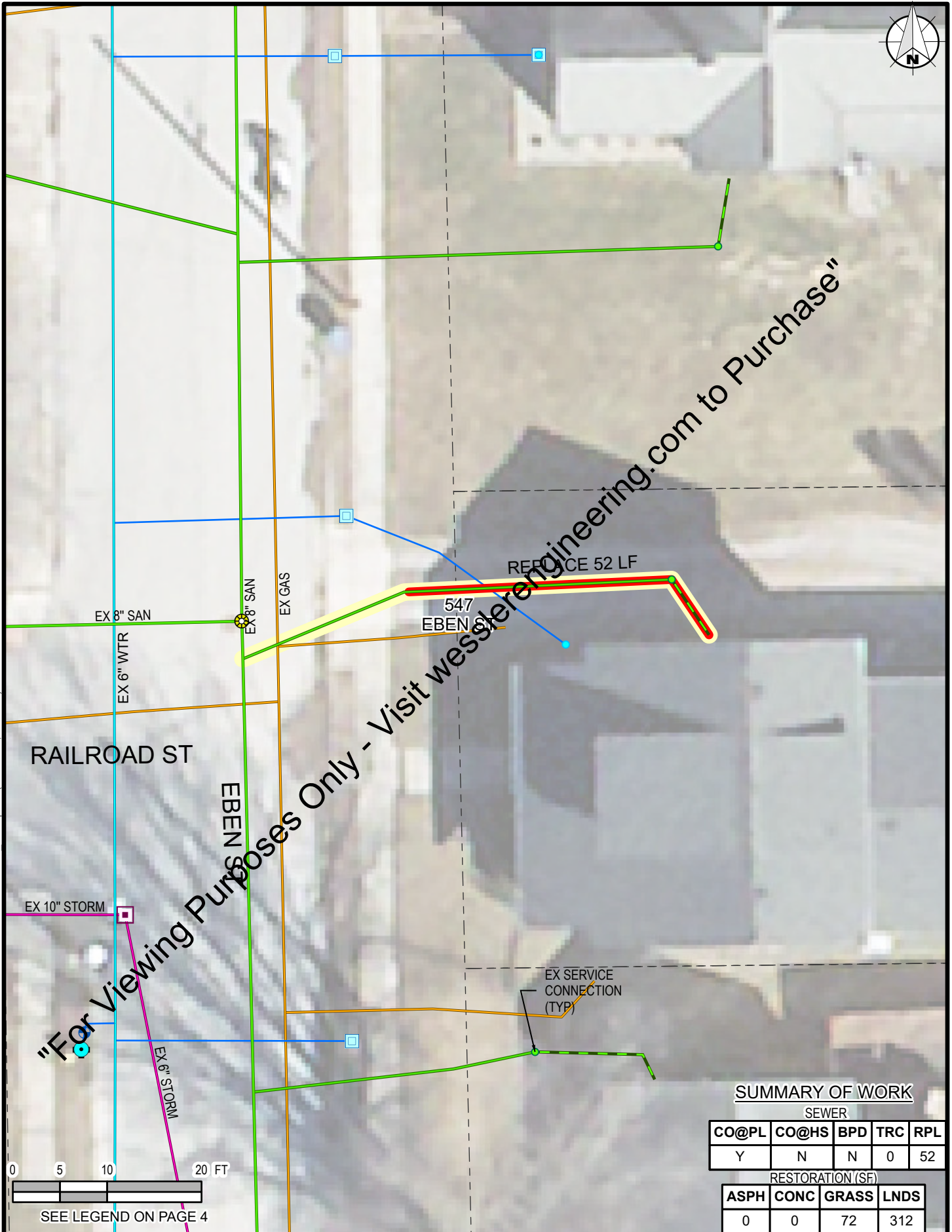
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PROJECT NUMBER		
210118-04-001		

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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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EBEN ST
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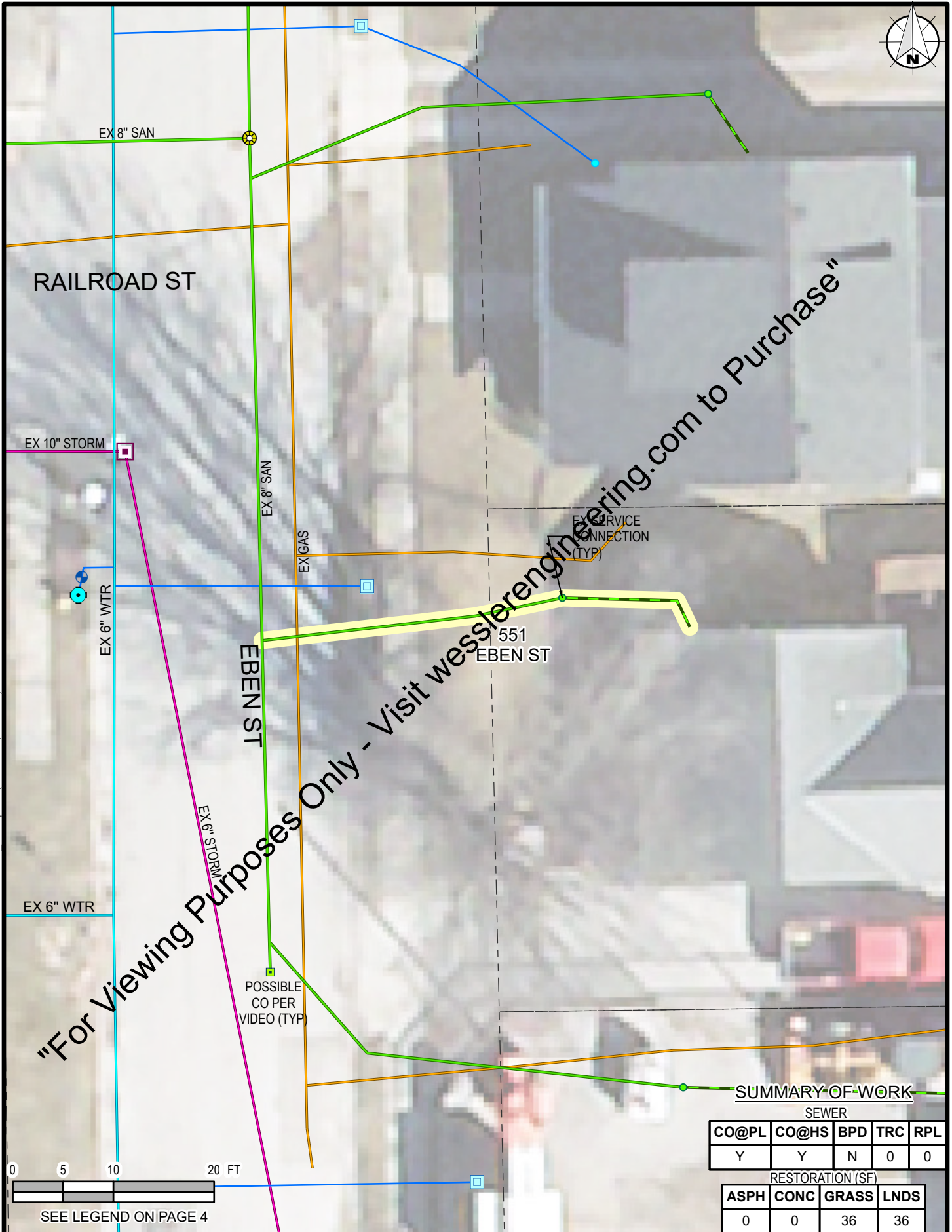
SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	52
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	72	312	

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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EBEN ST
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RAILROAD ST

EBEN ST

551 EBEN ST

EX 10" STORM

EX 6" WTR

EX 6" WTR

EX 6" WTR

EX 8" SAN

EX GAS

EX SERVICE CONNECTION (TYP)

EX 6" STORM

POSSIBLE CO PER VIDEO (TYP)

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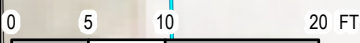
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36



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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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RAILROAD ST

EX 10" STORM

EX SERVICE CONNECTION (TYP)

EX 8" SAN

EX GAS

EX 6" WTR
EX 6" WTR

EX 6" STORM

POSSIBLE CO RER VIDEO (TYP)

EBEN ST

553 EBEN ST

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT NEW HAVEN, INDIANA

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EBEN ST
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EX SERVICE CONNECTION (TYP)

GREEN ST

127 GREEN ST

EX 8" WTR

EX GAS

EX 15" SAN

REPLACE 42 LF

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0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	42	42

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	108	216

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

127
GREEN ST
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GREEN ST

EX 8" WTR
209
GREEN ST

EX GAS

EX 15" SAN

REPLACE 40 LF

EX SERVICE
CONNECTION
(TYP)

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	40	40

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	150	162

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

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GREEN ST**
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GREEN ST

EX SERVICE CONNECTION (TYP)

REPLACE TO EX CLEANOUT

REPLACE 97 LF

213 GREEN ST

EX 8" WTR

EX GAS

EX 15" SAN

POSSIBLE CO PER VIDEO (TYP)

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	97	97

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	408	210



SEE LEGEND ON PAGE 4

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 NEW HAVEN, INDIANA

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GREEN ST

EX 8" WTR

EX GAS

EX 15" SAN

REPLACE 6" LF

217 GREEN ST

POSSIBLE CO PER VIDEO (TYP)

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0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	Y	50	50

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	372	0

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

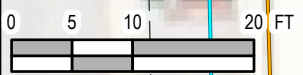
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 NEW HAVEN, INDIANA

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GREEN ST
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	70	70
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	402	90	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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GREEN ST
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GREEN ST

EX 8" WTR

EX 15" SAN

315 GREEN ST REFERENCE 60 LF

EX SERVICE CONNECTION (TYP)

EX 15" STORM

EX 8" WTR

EX GAS

EX 15" SAN

EX 0" STORM

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	60	60

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	432	0

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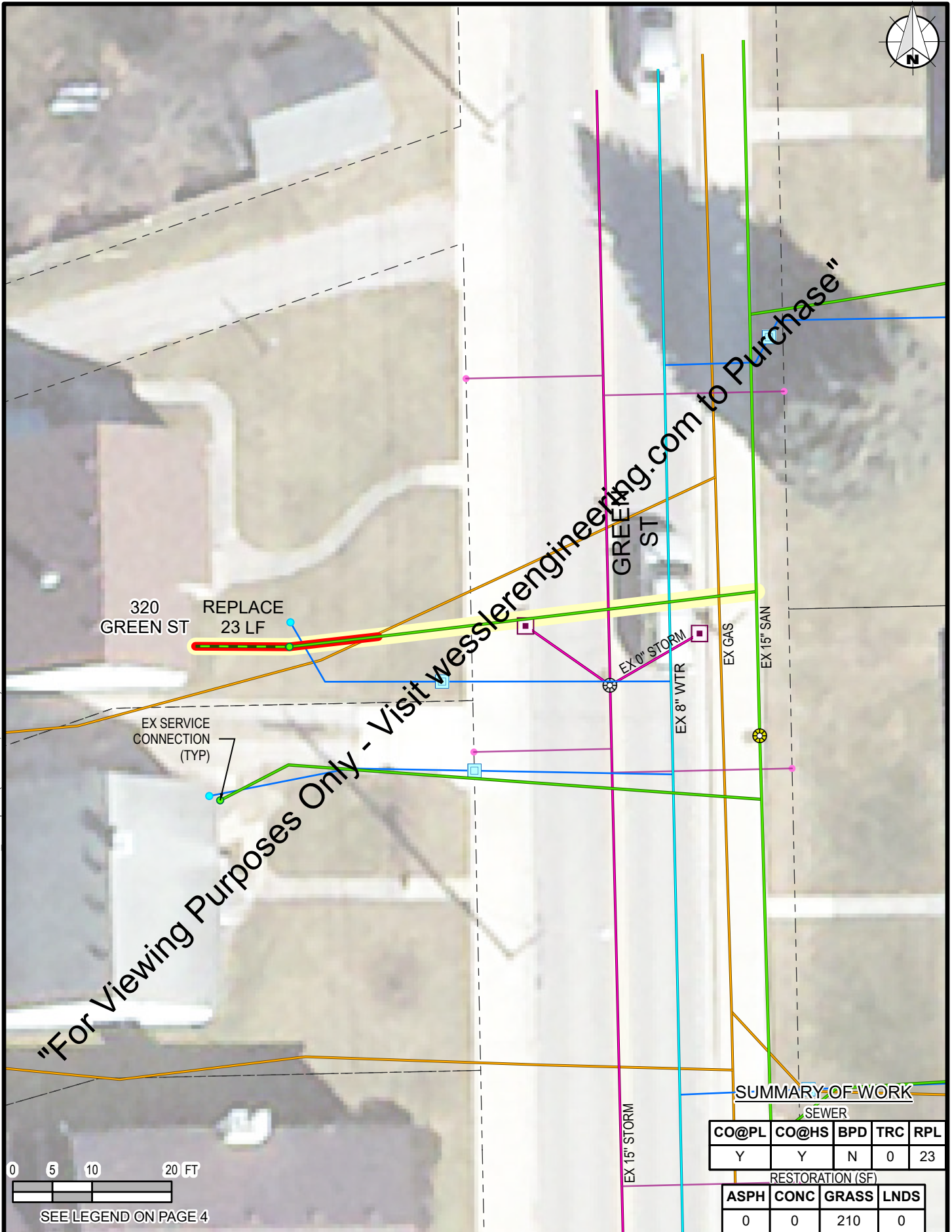
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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

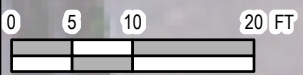
315 GREEN ST
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	23
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	210	0	

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
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LATERAL 3R PROGRAM PHASE 1
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 NEW HAVEN, INDIANA

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EX SERVICE CONNECTION (TYP)

0 5 10 20 FT



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
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LATERAL 3R PROGRAM PHASE 1
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 NEW HAVEN, INDIANA

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GREEN ST
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324
GREEN ST

EX SERVICE
CONNECTION
(TYP)

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EX 8" WTR

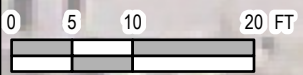
EX GAS

EX 15" SAN

EX 15" STORM

EX 0" STORM

GREEN
ST



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	0

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**324
GREEN ST**
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332
GREEN ST

EX SERVICE
CONNECTION
(TYP)

GREEN
ST

EX 8" WTR

EX GAS

EX 15" SAN

EX 15"
STORM

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

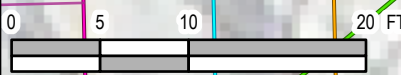
**332
GREEN ST**
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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	25

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	192	30

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

333
GREEN ST
 PAGE 65 of 151



EX SERVICE CONNECTION (TYP)

GREEN ST

EX 8" WTR

EX GAS

EX 15" SAN

339 GREEN ST

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0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

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GREEN ST
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342
GREEN ST

EX SERVICE
CONNECTION
(TYP)

GREEN
EX 15" STORM
ST

EX 8" WTR

EX GAS

EX 15" SAN

SUMMARY OF WORK
SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

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NEW HAVEN, INDIANA

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GREEN ST**
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	33
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	246	24	

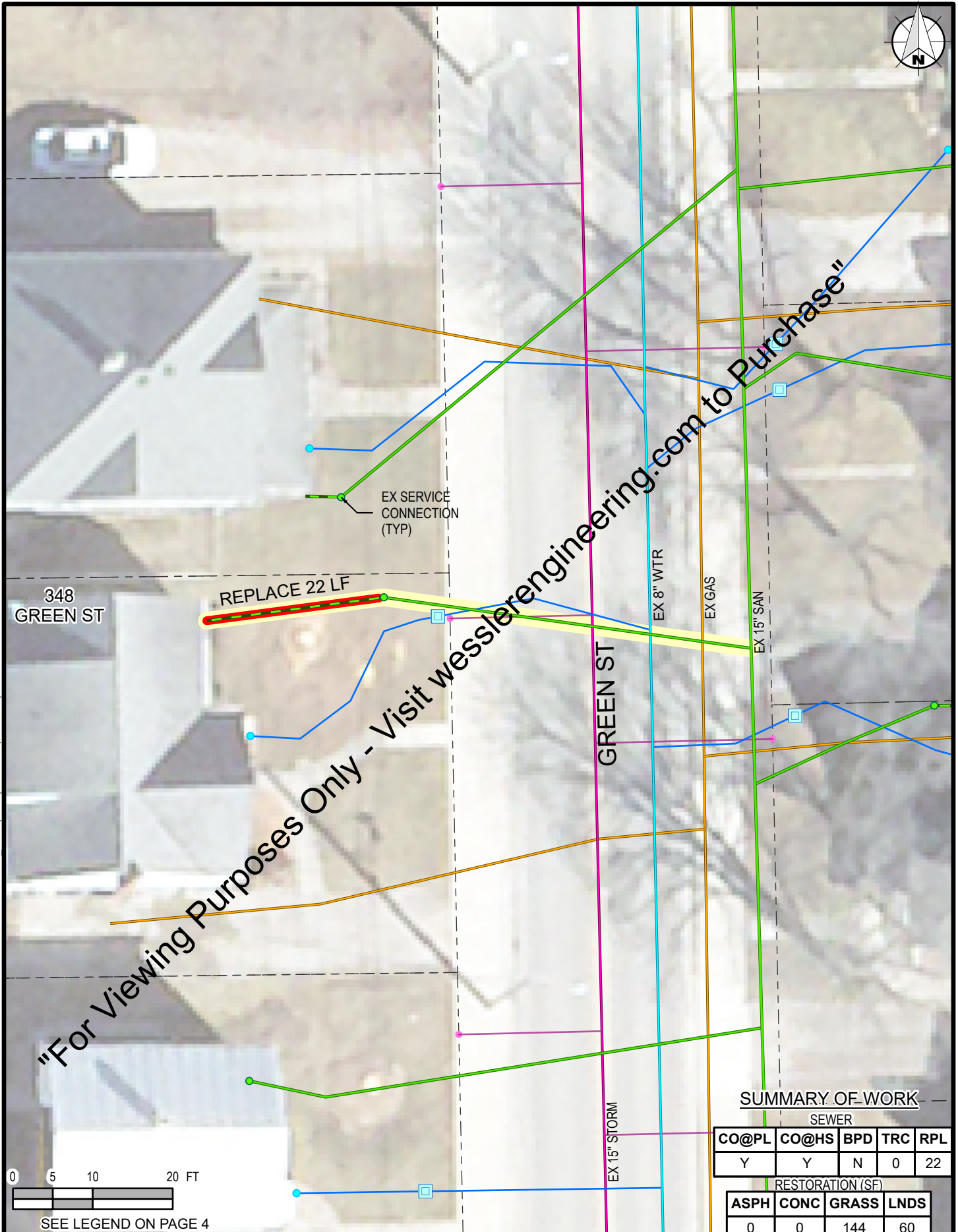
DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

345
GREEN ST
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348
GREEN ST

REPLACE 22 LF

EX SERVICE
CONNECTION
(TYP)

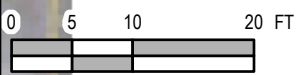
EX 8" WTR

EX GAS

EX 15" SAN

GREEN ST

EX 15" STORM



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	22

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	144	60

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**348
 GREEN ST**
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	52

RESTORATION (SF)			
ASPH	CONC	GRASS	LNDS
0	0	384	0

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

351
GREEN ST
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354
GREEN ST REPLACE
10 LF
EX SERVICE
CONNECTION
(TYP)

GREEN ST
EX 8" WTR
EX GAS
EX 15" SAN
EX 15" STORM

0 5 10 20 FT



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	10
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	48	84	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

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GREEN ST
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357
GREEN ST

EX SERVICE
CONNECTION
(TYP)

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EX 8" WTR

EX 48" STORM

EX 15" SAN

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**357
GREEN ST**
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EX SERVICE
CONNECTION
(TYP)

360
GREEN ST

GREEN ST

CANAL ST

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EX 6" WTR

EX 48" STORM

EX 8" SAN

EX 15" STORM
EX 8" WTR

EX 8" WTR
EX GAS

EX 15" SAN

EX 8" WTR

EX 8" STORM

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

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CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**360
GREEN ST**
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EX 6" WTR

CANAL ST

EX 48" STORM

EX 8" SAN

EX GAS

404
GREEN ST

REPLACE 20 LF

POSSIBLE
CO PER
VIDEO (TYP)

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SUMMARY OF WORK

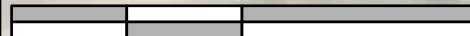
SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	20	20

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	156

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**404
GREEN ST**
PAGE 74 of 151

POSSIBLE
CO PER
VIDEO (TYP)

EX SERVICE
CONNECTION
(TYP)

408
GREEN ST

REPLACE
15 LF

GREEN ST

EX 8" WTR

EX GAS

EX 8" SAN

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0 5 10 20 FT

SEE (LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	Y	0	15

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	174	24

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

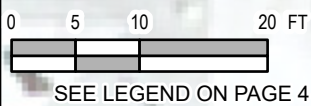
**408
GREEN ST**
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	Y	0	21
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	144	18	

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

414
GREEN ST
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EX SERVICE CONNECTION (TYP)

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	Y	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	72	0	

0 5 10 20' FT

SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

415
GREEN ST
 PAGE 77 of 151



POSSIBLE
CO PER
VIDEO (TYP)

418
GREEN ST

EX SERVICE
CONNECTION
(TYP)

GREEN ST

EX 8" WTR

EX GAS

EX 8" SAN

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**418
 GREEN ST**
 PAGE 78 of 151



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422
GREEN ST

EX SERVICE
CONNECTION
(TYP)

GREEN ST

EX 8" WTR

EX 8" SAN

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

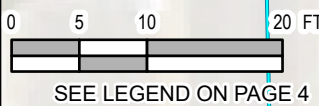
LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**422
GREEN ST**
PAGE 79 of 151



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SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	0

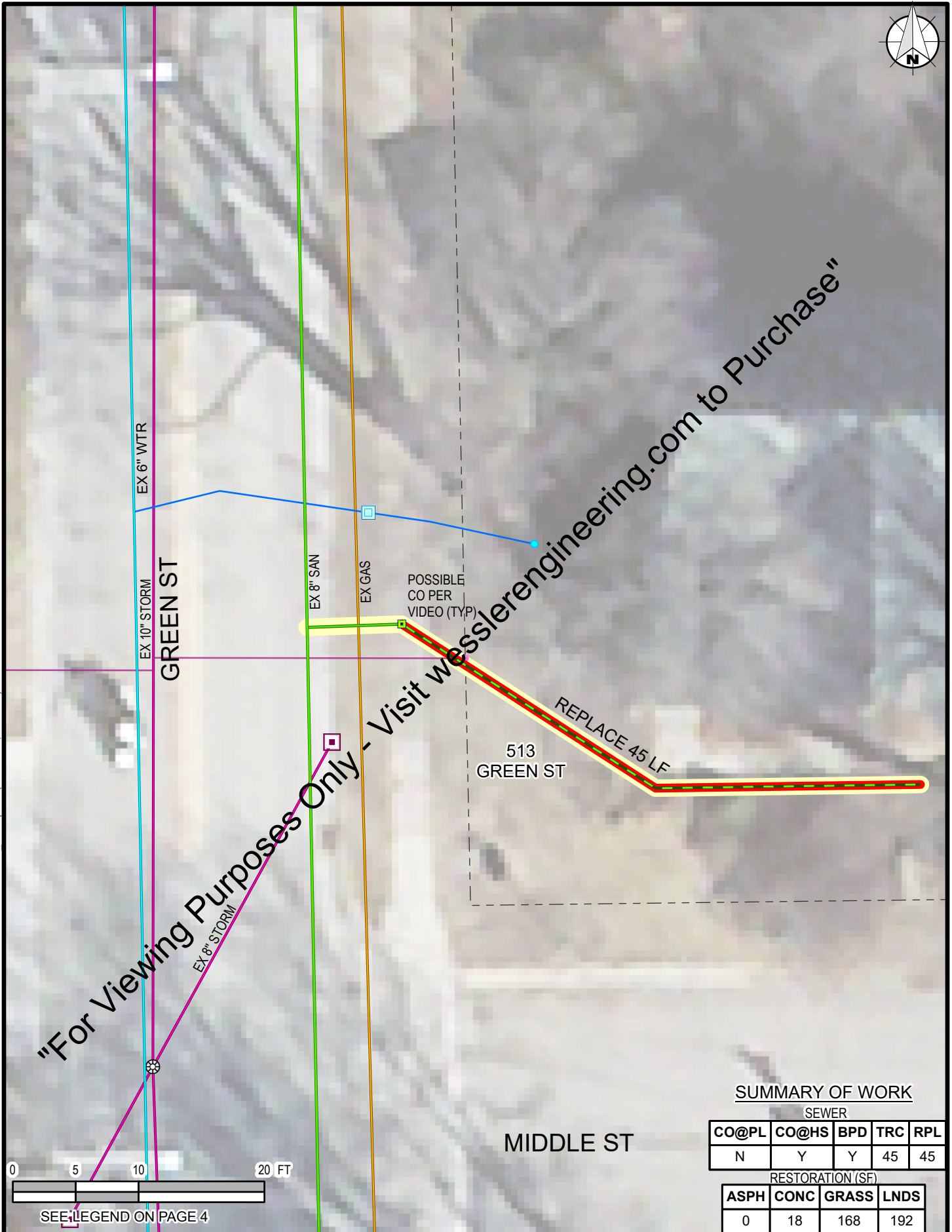
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MRE	JLJ	CAH
PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

423
GREEN ST
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0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
N	Y	Y	45	45

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	18	168	192

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

513
GREEN ST
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520 GREEN ST

POSSIBLE CO PER VIDEO (TYP)

MIDDLE ST

GREEN ST

EX 8" SAN

EX GAS

EX 6" WTR

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	Y	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	36

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

520 GREEN ST
PAGE 82 of 151



MIDDLE ST

GREEN ST

EX 8" STORM

EX 10" STORM

EX 6" WTR

EX 8" SAN

EX GAS

POSSIBLE CO PER VIDEO (TYP)

REPLACE 38 LF

523 GREEN ST

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0 5 10 20 FT



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	38	38

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	180	36	48

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

523 GREEN ST
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524
GREEN ST

POSSIBLE
CO PER
VIDEO (TYP)

MIDDLE ST

EX 8" STORM

EX 10" STORM

GREEN
ST

EX 8" SAN

EX GAS

EX 6" WTR

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SUMMARY OF WORK

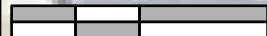
SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	Y	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	108	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

524

GREEN ST

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POSSIBLE
CO PER
VIDEO (TYP)

526
GREEN ST

EX 10\"/>

GREEN
ST

EX 6\"/>

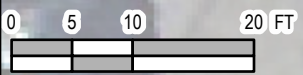
EX 8\"/>

EX GAS

SUMMARY OF WORK
SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	Y	0	0

RESTORATION(SF)			
ASPH	CONC	GRASS	LNDS
0	0	72	36



SEE LEGEND ON PAGE 4

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

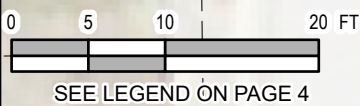
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CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**526
GREEN ST**
PAGE 85 of 151



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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	36	36	

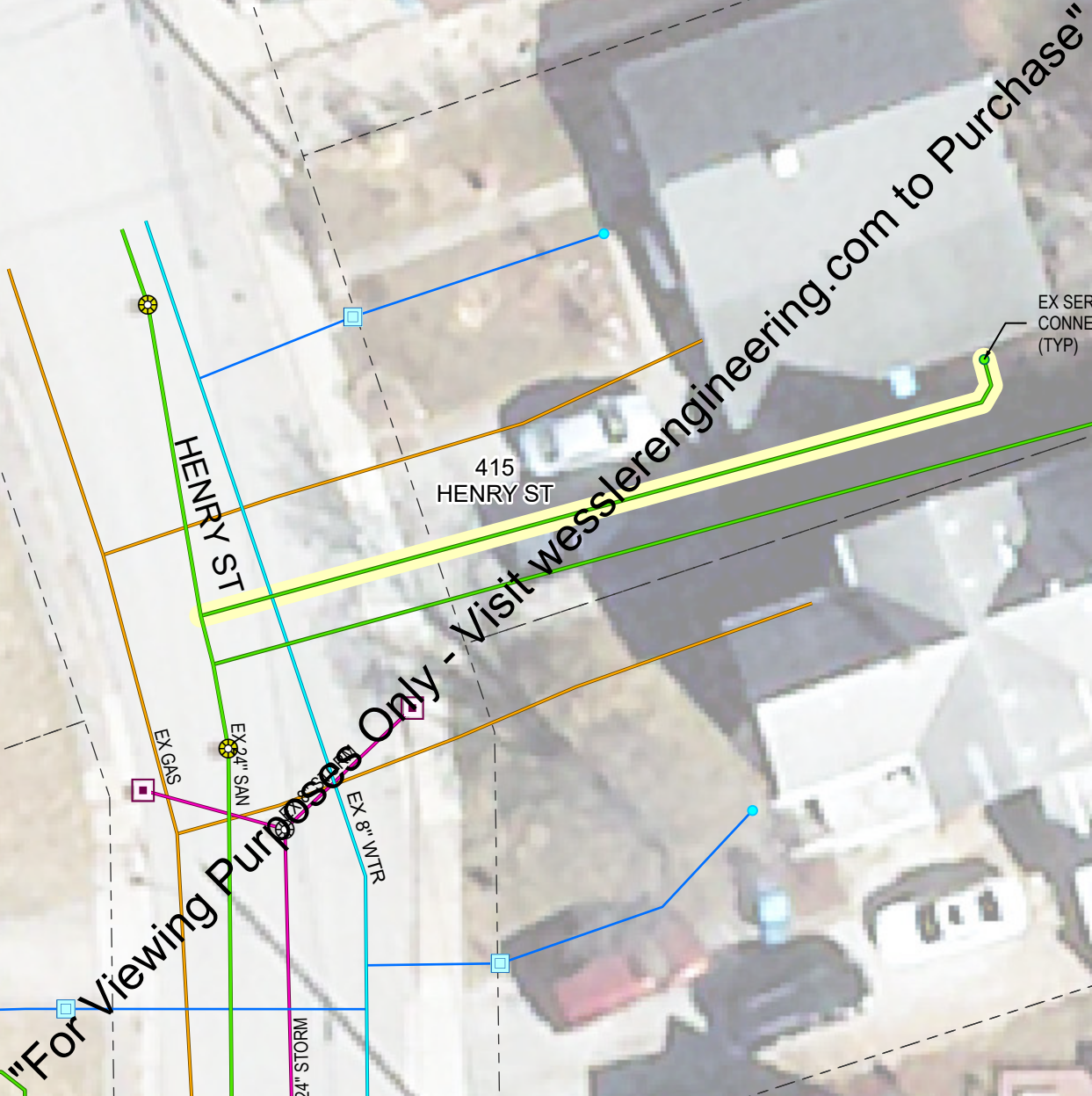
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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

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 NEW HAVEN, INDIANA

421
HENRY ST
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EX SERVICE CONNECTION (TYP)

415 HENRY ST

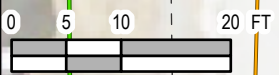
HENRY ST

EX GAS

EX 9\"/>

EX 8\"/>

EX 24\"/>



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	36	36	

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

415 HENRY ST
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416
HENRY ST

EX SERVICE
CONNECTION
(TYP)

EX GAS

EX 24" SAN

HENRY ST

EX 8" WTR

EX 24" STORM

EX 12" STORM

SUMMARY OF WORK

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

POSSIBLE CO PER
VIDEO (TYP)

0 5 10 20 FT

SEE (LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

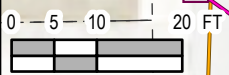
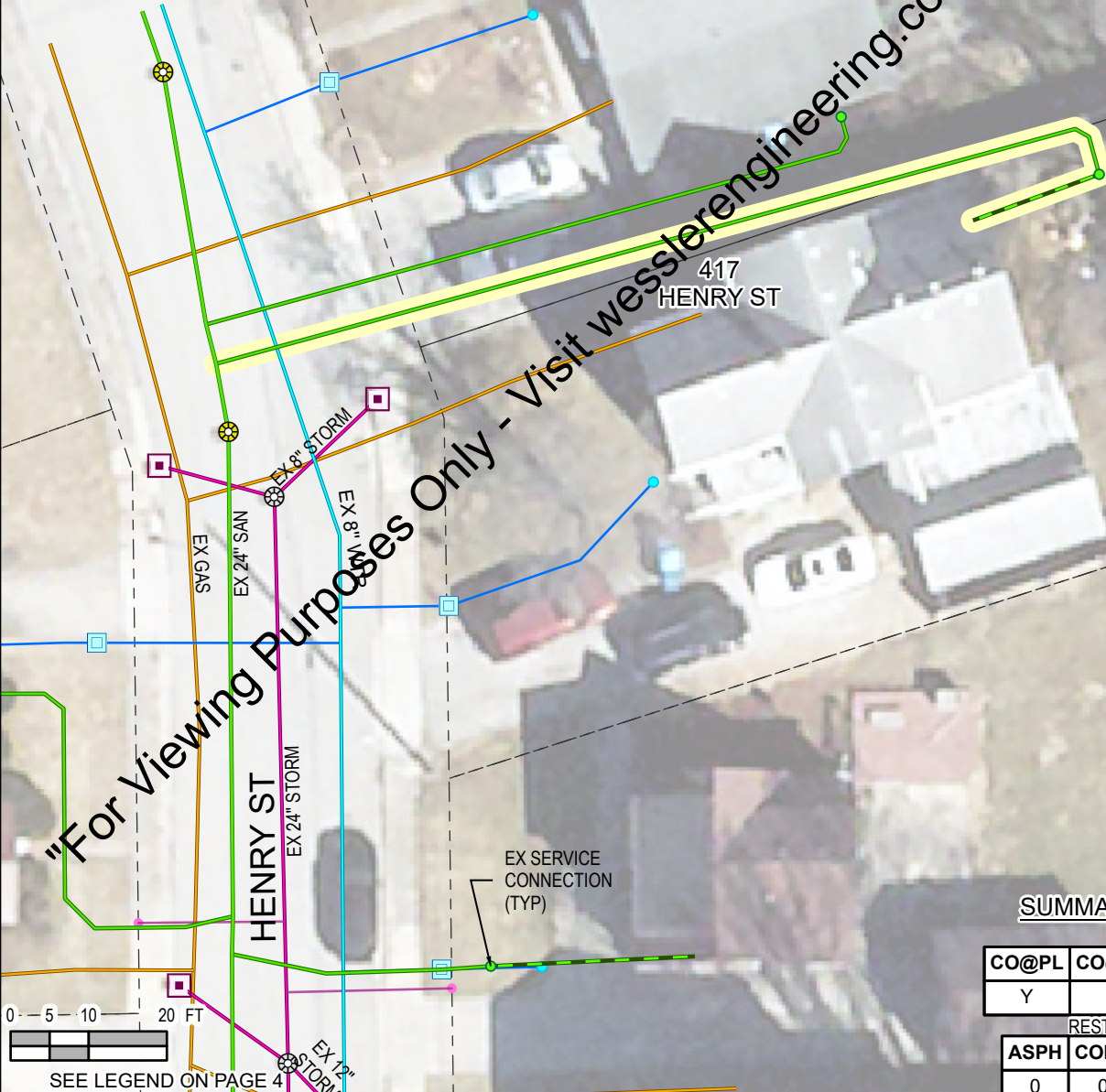
416
HENRY ST
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417
HENRY ST



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	72	0	

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

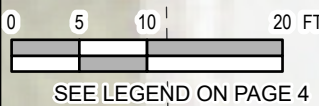
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HENRY ST
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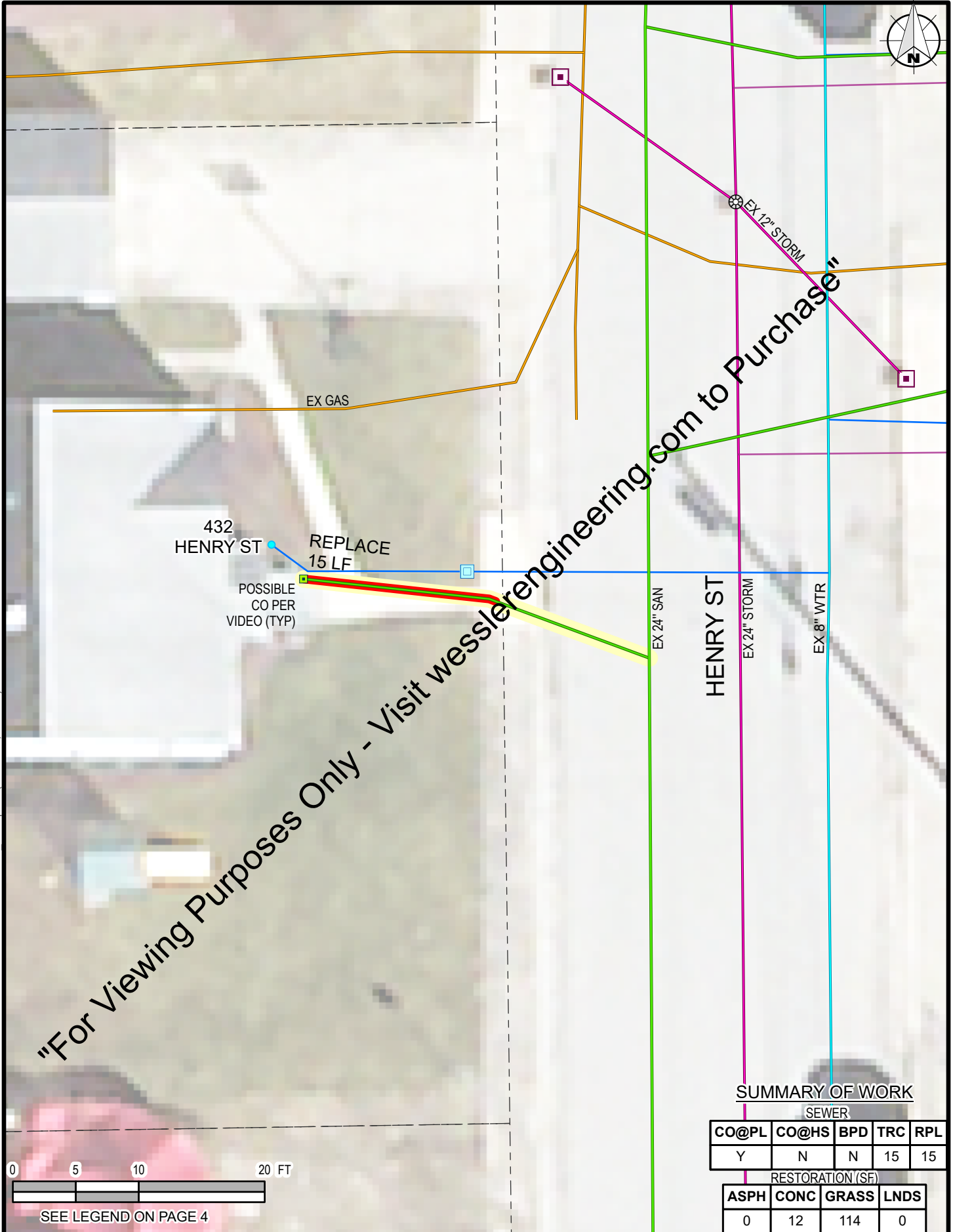
SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	36	36	

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
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HENRY ST
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	15	15
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	12	114	0	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

432
HENRY ST
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945
MAIN ST

POSSIBLE
CO PER
VIDEO (TYP)

REPLACE
10 LF

EX GAS

EX 6" STORM

EX 8" STORM

EX 48" S

MAIN ST
EX 42" STORM

EX 24" SAN

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	10

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	78	54

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

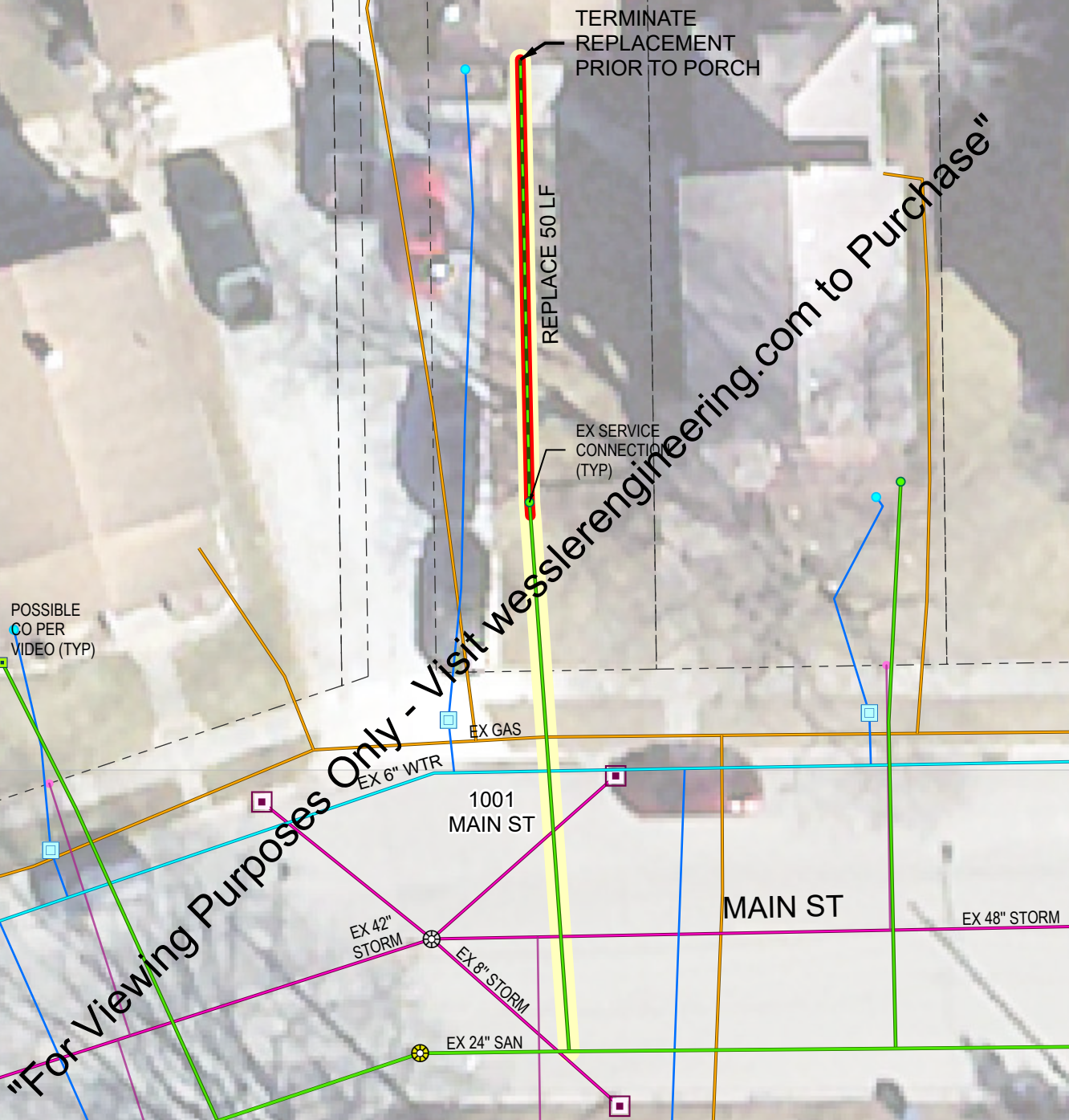
945

MAIN ST

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POSSIBLE
CO PER
VIDEO (TYP)

0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	50
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	18	300	54	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1001
 MAIN ST**
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EX SERVICE CONNECTION (TYP)

REPLACE 15 LF

EX GAS

EX 36" WTR

1003 MAIN ST

MAIN ST

EX 48" STORM

EX 8" STORM

EX 24" SAN

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	15

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	66	96

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
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 NEW HAVEN, INDIANA

**1003
 MAIN ST**
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1009
MAIN ST

EX SERVICE
CONNECTION
(TYP)

EX GAS

EX 6" WTR

EX 12" STORM

MAIN ST

EX 48" STORM

EX 24" SAN

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

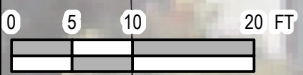
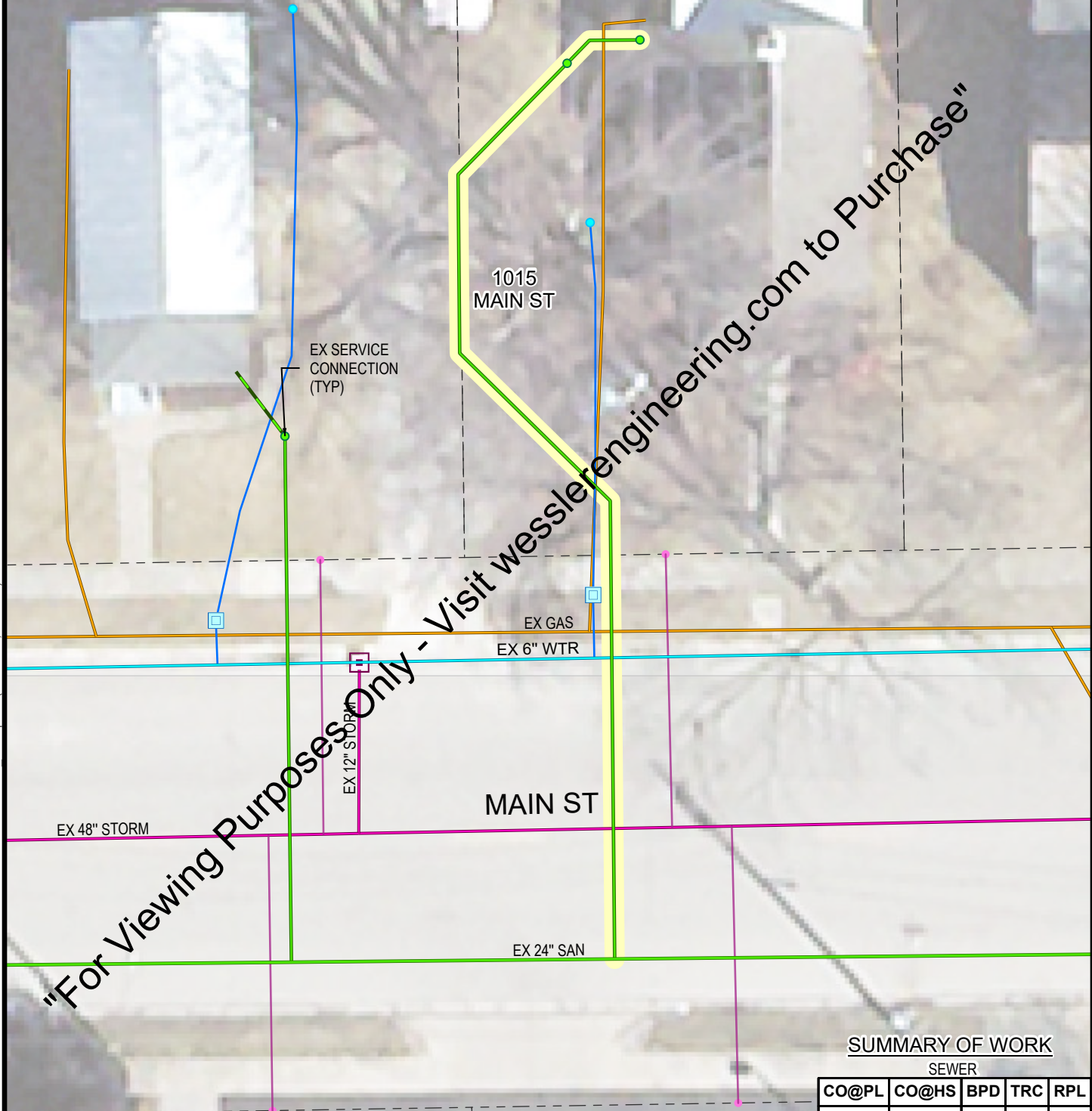
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1009
 MAIN ST**
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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	0

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1015
 MAIN ST**
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1021
MAIN ST

EX SERVICE
CONNECTION
(TYP)

REPLACE
10 LF

EX 24" SAN

EX 24" STORM

EX 8" WTR

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EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	10

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	96	0

0 5 10 20 FT

...SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

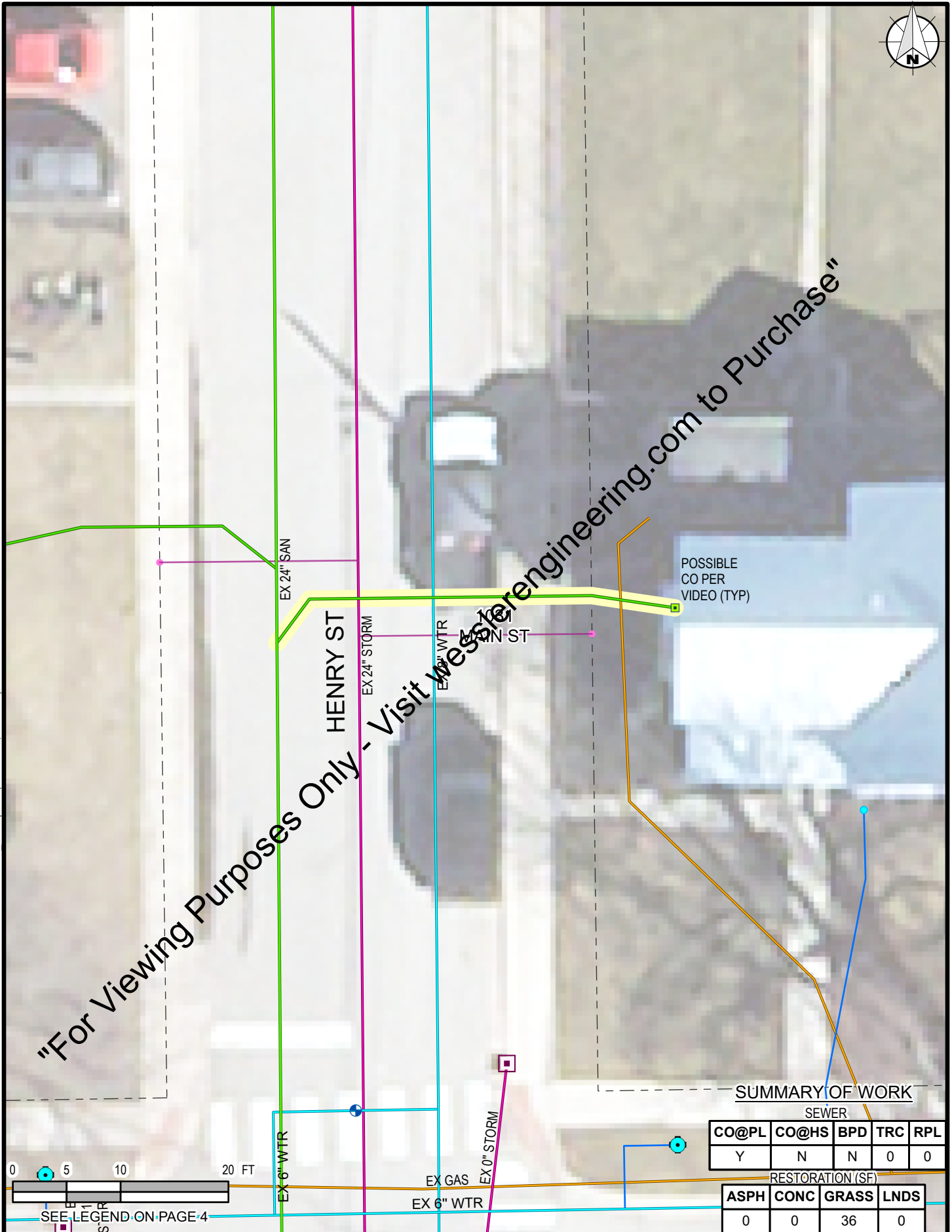
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1021
 MAIN ST**
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POSSIBLE
CO PER
VIDEO (TYP)

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	0

RESTORATION (SF)			
ASPH	CONC	GRASS	LNDS
0	0	36	0



SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

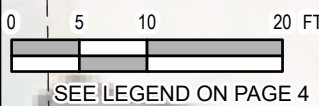
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1031
 MAIN ST**
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EX SERVICE CONNECTION (TYP)

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	36	36	

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1039
MAIN ST
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1049
MAIN ST

REPLACE
9 LF

POSSIBLE
CUT PER
VIDEO (TYP)

EX 8" SAN

EBEN ST

EX 48" STORM

EX 6" WTR

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	9

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	54	36

0 5 10 20 FT

EX 6" WTR

EX 12"
STORM

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1049
MAIN ST**
 PAGE 100 of 151



932
MIDDLE ST

REPLACE 33 LF

EX SERVICE
CONNECTION
(TYP)

EX GAS

RAILROAD ST

EX 8" SAN

ANN
ST

EX 8"
STORM

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	33	33

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	270	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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210118-04-001		

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CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**932
MIDDLE ST**
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REPLACE 37 LF

EX SERVICE CONNECTION (TYP)

1004 MIDDLE ST

EX GAS

RAILROAD ST

EX 8" SAN

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	37	37

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
132	0	36	126

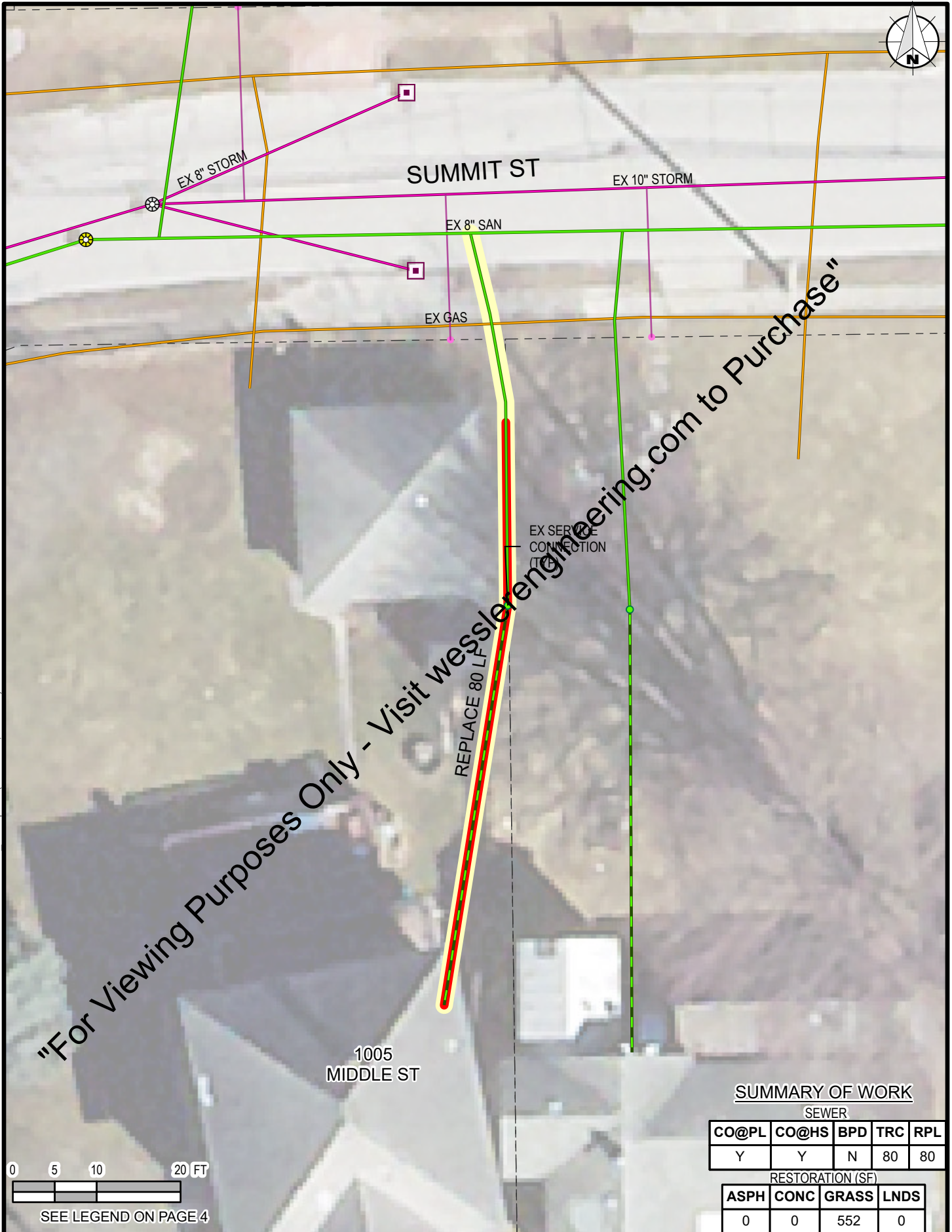
0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

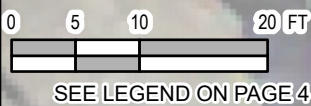
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1004 MIDDLE ST
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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	80	80

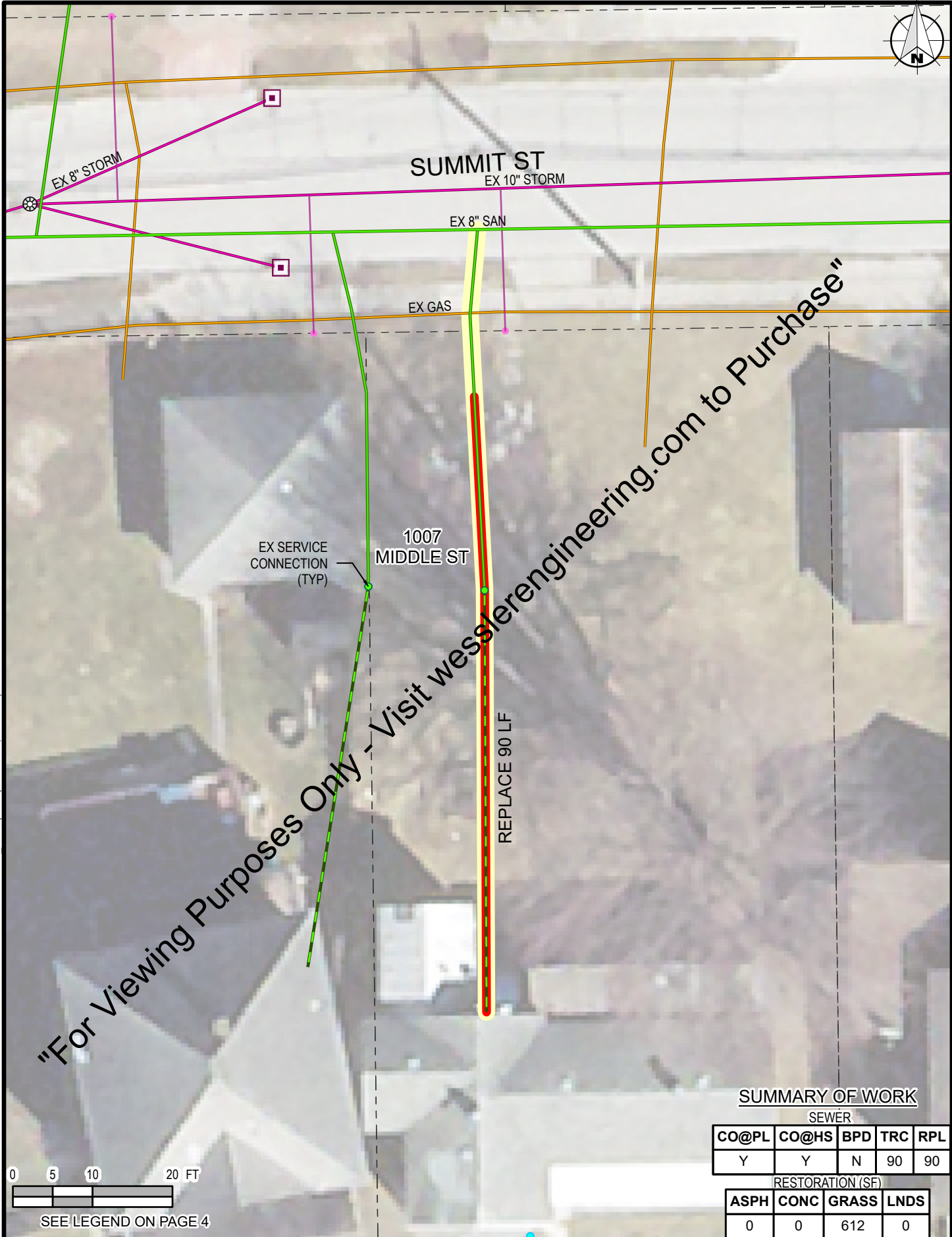
RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	552	0

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

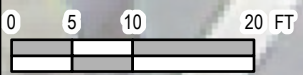
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 NEW HAVEN, INDIANA

1005 MIDDLE ST
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SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	90	90

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	612	0

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1007 MIDDLE ST
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EX GAS

SUMMIT ST

EX 10" STORM

EX 8" SAN

EX SERVICE CONNECTION (TYP)

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1015 MIDDLE ST

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

1015 MIDDLE ST
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REPLACE 53 LF

1016 MIDDLE ST

EX GAS

RAILROAD ST

EX 8" SAN

EX SERVICE CONNECTION (TYP)

0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	53

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	336	54

DRAWN BY	CHECKED BY	APPROVED BY
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PROJECT NUMBER		
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1016 MIDDLE ST
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EX SERVICE CONNECTION (TYP)

REPLACE 58 LF

1021 MIDDLE ST

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	Y	58	58

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	18	402	36

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
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CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

1021 MIDDLE ST
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1022
MIDDLE ST

TERMINATE
REPLACEMENT
PRIOR TO SHED

EX SERVICE
CONNECTION
(TYP)

REPLACE 40 LF

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EX GAS

RAILROAD ST

EX 8" STORM

EX 8" SAN

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	40	40

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	18	294	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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NEW HAVEN, INDIANA

**1022
MIDDLE ST**
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MIDDLE ST

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EX 8" SAN
HENRY ST
EX 12" STORM

1030
MIDDLE ST

EX 6" WTR

POSSIBLE
CO PER
VIDEO (TYP)

0 5 10 20 FT



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	Y	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	36

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**1030
MIDDLE ST**
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EX GAS

EX 12" STORM EX 8" WTR

SUMMIT ST
EX 8" SAN

REPLACE 29 LF

EX SERVICE CONNECTION (TYP)

1043 MIDDLE ST

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	29

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	246	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

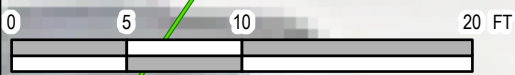
1043 MIDDLE ST
 PAGE 110 of 151



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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	30	30
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	252	0	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1044 MIDDLE ST
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1050
MIDDLE ST

EX SERVICE
CONNECTION
(TYP)

EBEN ST

EX 6" WTR

EX 8" SAN

EX GAS

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EX 8" SAN

SUMMARY OF WORK

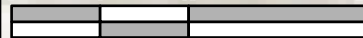
SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	156	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**1050
MIDDLE ST**
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EX GAS

RAILROAD ST

EX 8" SAN

1010
RAILROAD ST

EX SERVICE
CONNECTION
(TYP)

REPLACE 14 LF

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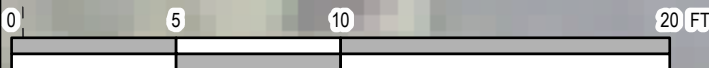
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	14	14

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	120	0



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PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1010
RAILROAD ST**
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POSSIBLE
CO PER
VIDEO (TYP)

EX 8" SAN

EX GAS

RAILROAD ST

EX 4" TORM

EX SERVICE
CONNECTION
(TYP)

1038
RAILROAD ST

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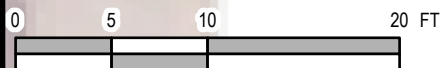
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	Y	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	36



SEE LEGEND ON PAGE 4

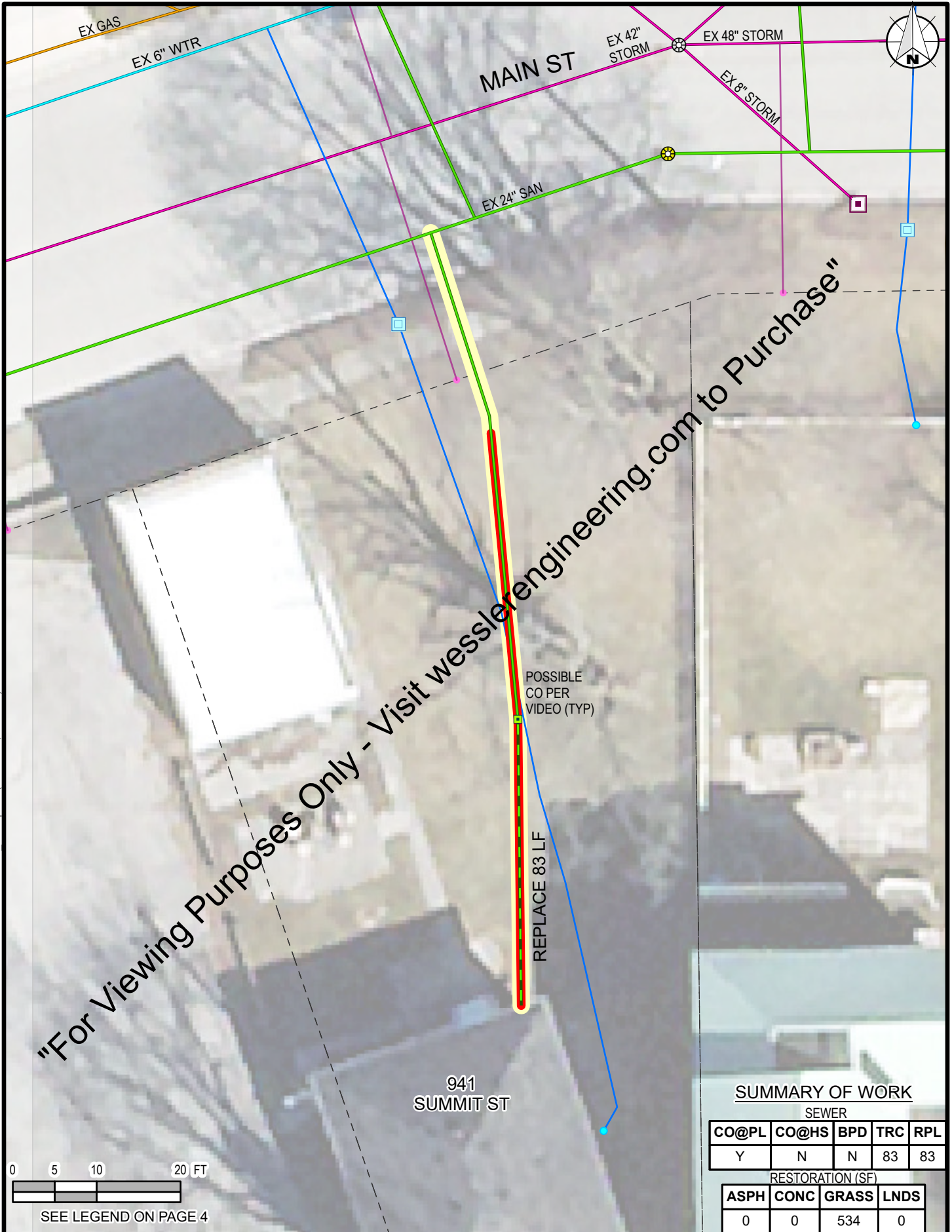
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1038
RAILROAD ST
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POSSIBLE
CO PER
VIDEO (TYP)

REPLACE 83 LF

941
SUMMIT ST

0 5 10 20 FT



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	83	83

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	534	0

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

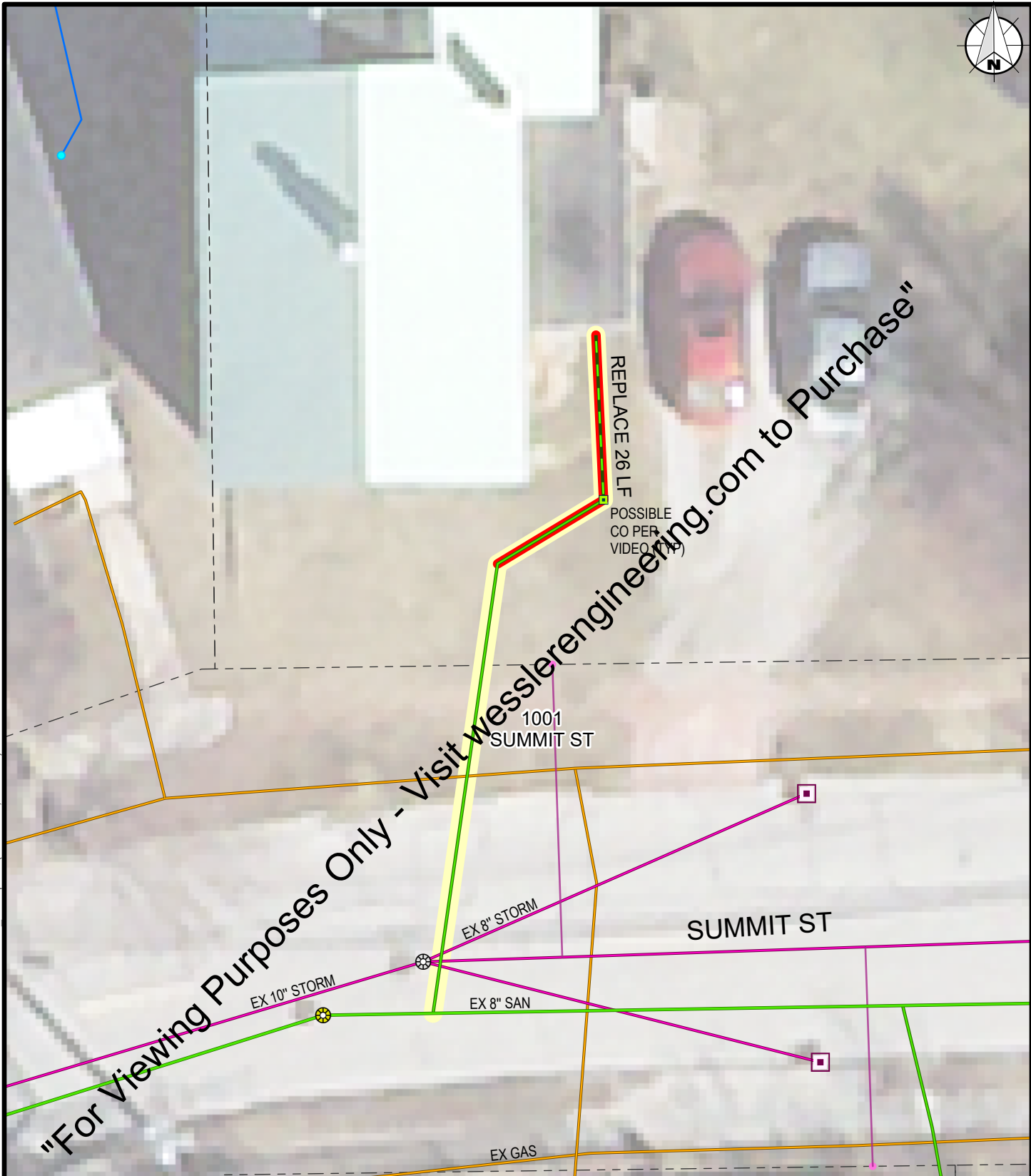
LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**941
SUMMIT ST**
PAGE 115 of 151



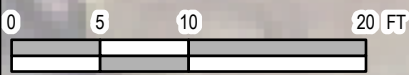
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	Y	26	26
RESTORATION(SF)				
ASPH	CONC	GRASS	LNDS	
0	0	192	72	



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LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**1001
SUMMIT ST**
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EX SERVICE CONNECTION (TYP)

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EX 8" SAN

HENRY ST

EX 18" STORM

EX 8" WTR

1031 SUMMIT ST

0 5 10 20 FT



SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36

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210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1031
SUMMIT ST
 PAGE 117 of 151



MAIN ST

EX 48" STORM

EX 10" SAN

CAP AND ABANDON EX SERVICE (ASSUMED UNDER GARAGE)

EX SERVICE CONNECTION (TYP)

1035 SUMMIT ST

INSTALL 99 LF

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	99	99

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	18	648	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1035 SUMMIT ST
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EX 48" STORM

MAIN ST

EX 10" SAN

EX SERVICE CONNECTION (TYP)

CAP AND ABANDON EX SERVICE (ASSUMED UNDER GARAGE)

POSSIBLE CO PER VIDEO (TYP)

EX GAS

1039 SUMMIT ST

INSTALL 90 LF

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	90	90

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	42	570	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1039 SUMMIT ST
 PAGE 119 of 151



EX 48" STORM MAIN ST

EX 10" SAN

EX SERVICE CONNECTION (TYP)

POSSIBLE CO PER VIDEO (TYP)

1045 SUMMIT ST

INST LATERAL VIA HDD

REPLACE (VIA HDD) 62 LF

REPLACE TO EX CLEANOUT

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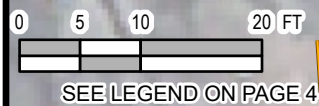
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	62	62

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	0



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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1045 SUMMIT ST
 PAGE 120 of 151



1103
SUMMIT ST

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EX 8" WTR

EX 12" STORM

SUMMIT ST

EX 8" SAN

EX GAS

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	Y	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	72	36

0 5 10 20 FT
EX SERVICE

SEE LEGEND ON PAGE 4

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CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**1103
SUMMIT ST**
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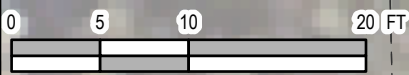
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	29

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	24	30	192



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PROJECT NUMBER		
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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1111
SUMMIT ST
 PAGE 122 of 151



1117
SUMMIT ST

EX SERVICE
CONNECTION
(TYP)

REPLACE
10 LF

POSSIBLE CO PER
VIDEO (TYP)

EX GAS

EX 8" WTR

SUMMIT ST

EX 12" STORM

EX 8" SAN

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	10

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	60	72

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**1117
SUMMIT ST**
PAGE 123 of 151



EX 8" WTR

SUMMIT ST

EX 12" STORM

EX 8" SAN

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EX GAS

EX SERVICE CONNECTION (TYP)

REPLACE 17 LF

1118 SUMMIT ST

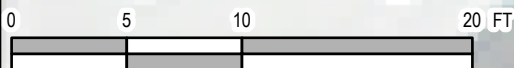
SUMMARY OF WORK

SEWER

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Y	N	N	0	17

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	174	0



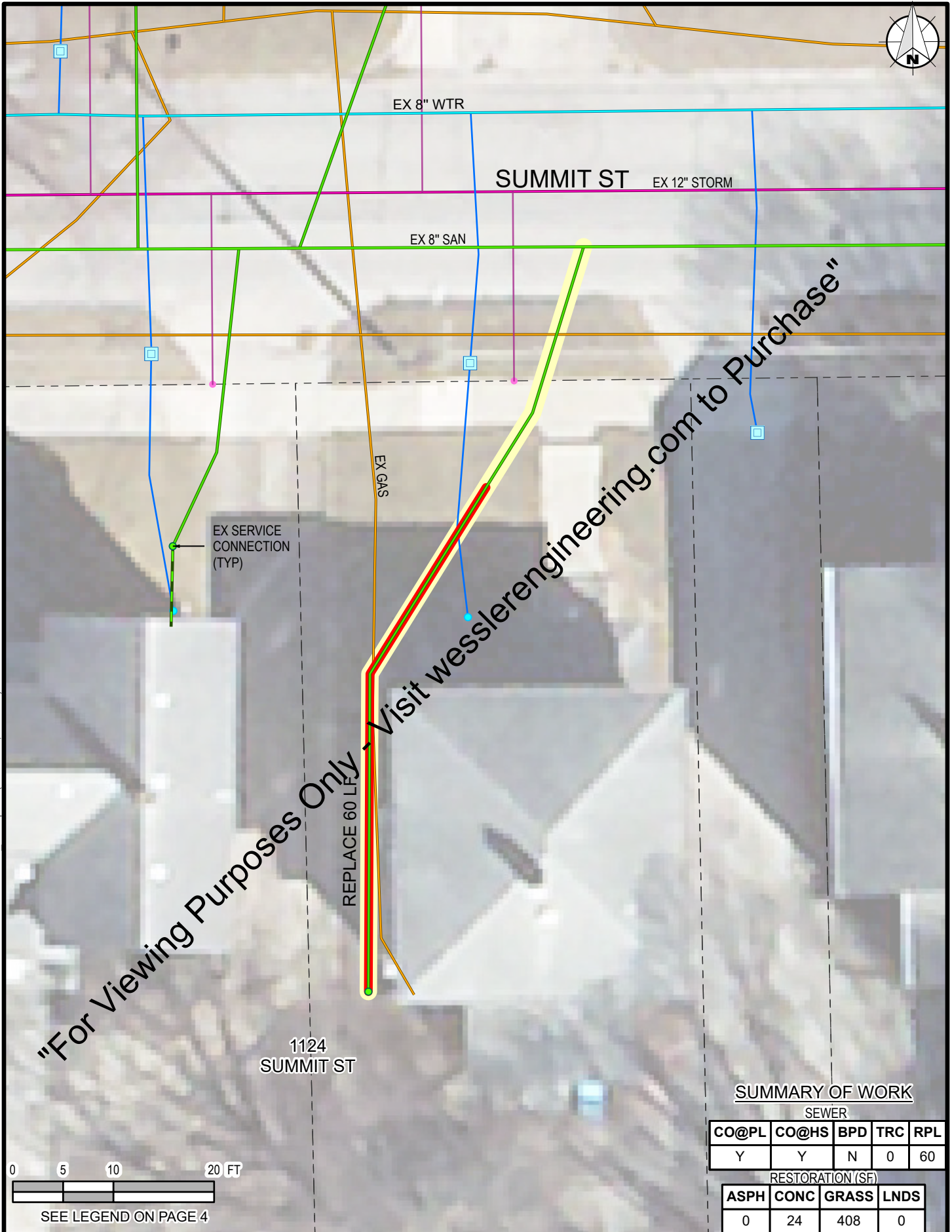
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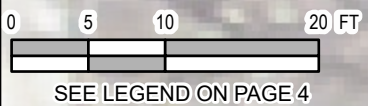
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1118
SUMMIT ST
 PAGE 124 of 151



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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	60
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	24	408	0	

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LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1124
SUMMIT ST
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0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	45
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	0	306	

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1125 SUMMIT ST
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EX 8" WTR

EX 12" STORM

EX 10" STORM

EX 0" STORM

SUMMIT ST

EX 8" SAN

EX GAS

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1128
SUMMIT ST

REPLACE 33 LF

EX SERVICE
CONNECTION
(TYP)

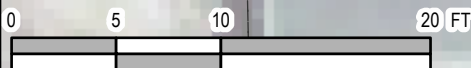
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	33

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	0	234



SEE LEGEND ON PAGE 4

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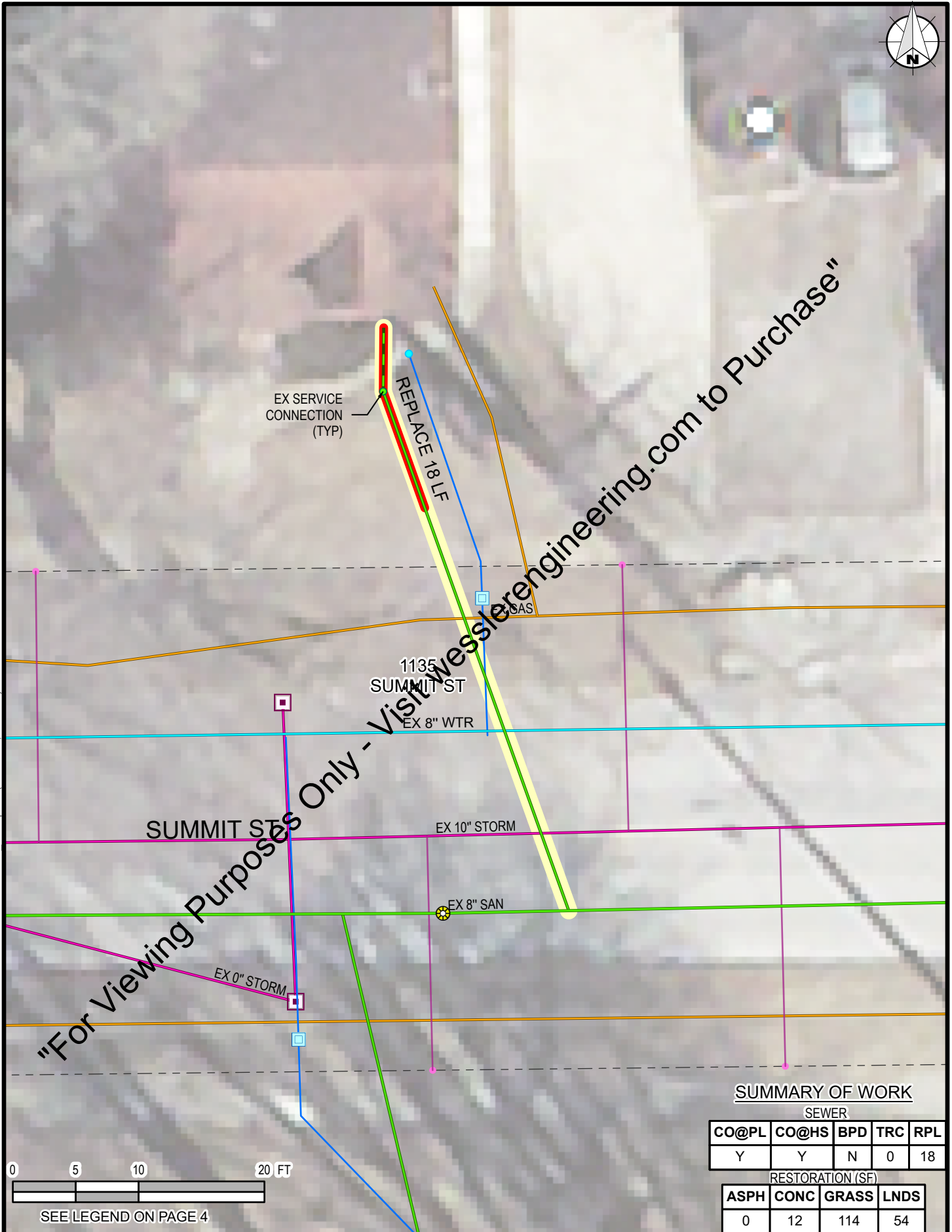
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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1128
SUMMIT ST
 PAGE 127 of 151



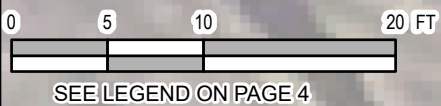
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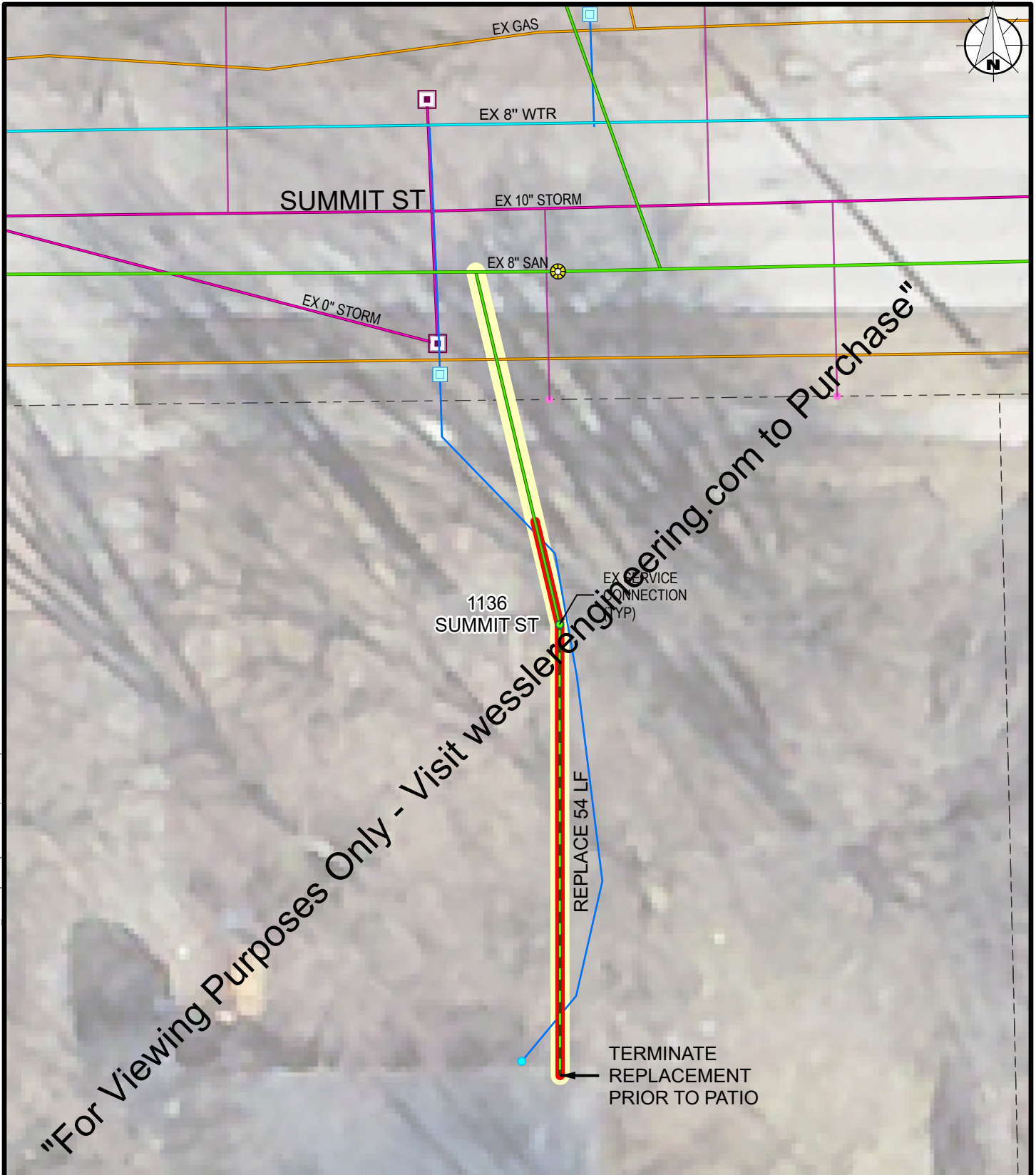
SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	18
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	12	114	54	



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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

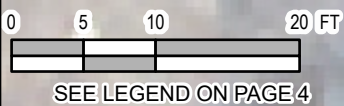
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1135
SUMMIT ST
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	54
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	378	18	

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MRE	JLJ	CAH
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210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1136
SUMMIT ST
 PAGE 129 of 151



1203
SUMMIT ST

POSSIBLE
CO PER
VIDEO (TYP)

REPLACE 16" LF

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EX 8"

EX 8" WTR

EX 10" STORM

SUMMIT
ST

EX 8" SAN

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	16

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	132	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

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210118-04-001		

LATERAL 3R PROGRAM PHASE 1
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NEW HAVEN, INDIANA

**1203
SUMMIT ST**
PAGE 130 of 151



EX GAS

EX 8" WTR

EX 10" STORM

SUMMIT ST

EX 8" SAN

EX SERVICE CONNECTION (TYP)

REPLACE 13 LF

1204 SUMMIT ST

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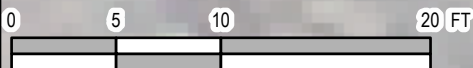
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	13

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	108	42



SEE LEGEND ON PAGE 4

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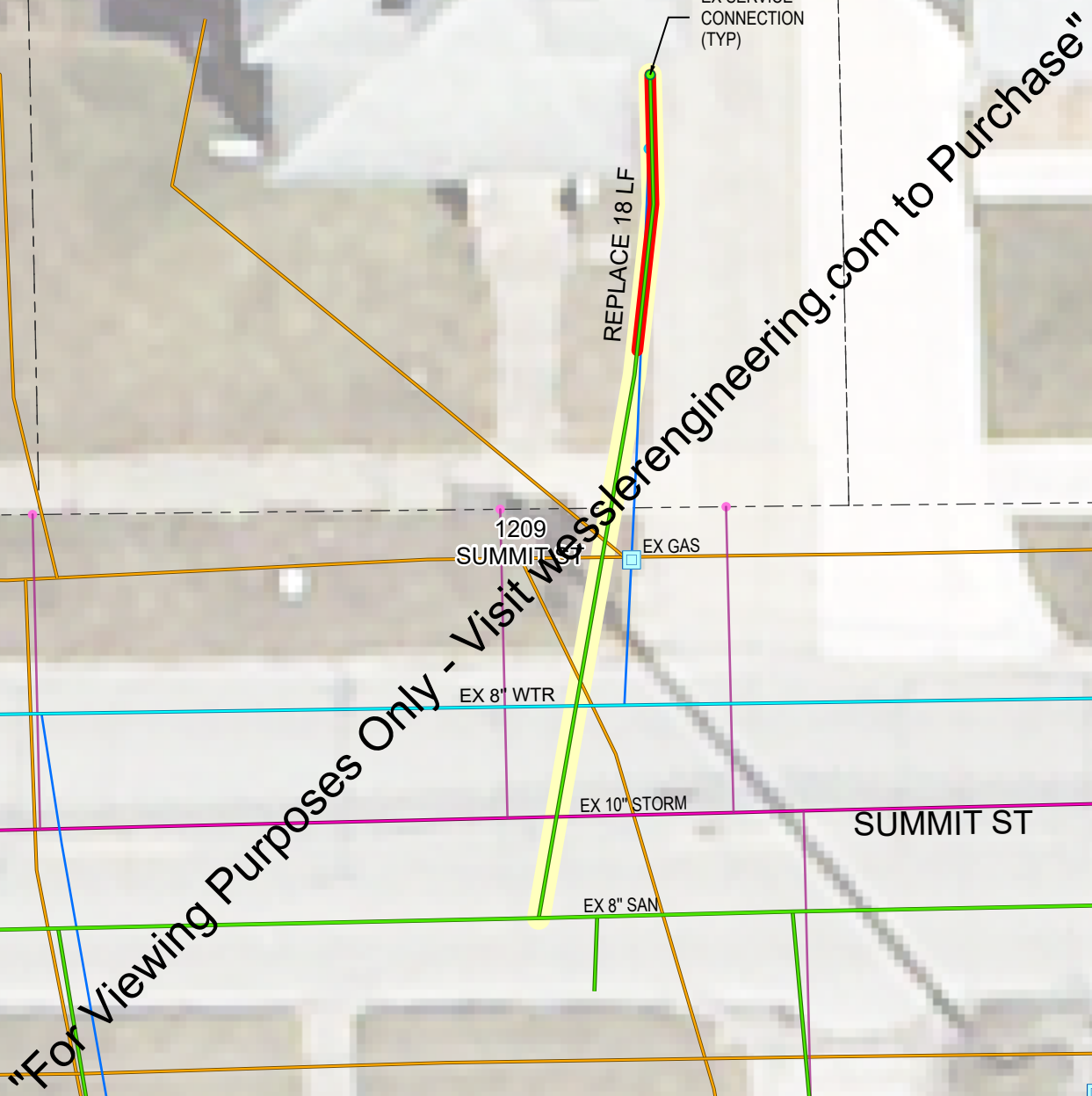
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MRE	JLJ	CAH
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 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1204
SUMMIT ST
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0 5 10 20 FT

SEE LEGEND ON PAGE 4

SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	18
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	144	36	

DRAWN BY	CHECKED BY	APPROVED BY
MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1209
SUMMIT ST
 PAGE 132 of 151



EX 8" WTR

EX 10" STORM

SUMMIT ST
EX 8" SAN

1210 SUMMIT ST
EX GAS

REPLACE 20 LF

EX SERVICE CONNECTION (TYP)

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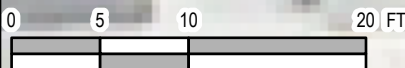
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	20

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	168	24



SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1210 SUMMIT ST
 PAGE 133 of 151



EX GAS

EX 8" WTR

EX 10" STORM

SUMMIT ST

EX 8" SAN

1214
SUMMIT ST

POSSIBLE
CO PER
VIDEO (TYP)

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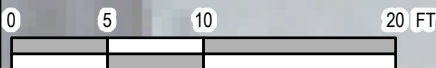
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	N	N	0	0

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	36	36



SEE LEGEND ON PAGE 4

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LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**1214
SUMMIT ST**
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EX SERVICE CONNECTION (TYP)

REPLACE 15 LF

EX GAS

1215 SUMMIT ST

EX 8" WTR

EX 10" STORM

SUMMIT ST

EX 8" SAN

SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	15

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	114	48

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1215 SUMMIT ST
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EX 8" WTR

EX 10" STORM

SUMMIT ST

EX 8" SAN

EX GAS
1218
SUMMIT ST

REPLACE 21 LF

EX SERVICE
CONNECTION
(TYP)

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	21

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	198	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1218
SUMMIT ST
 PAGE 136 of 151



EX SERVICE CONNECTION (TYP)

REPLACE 14 LF

EX GAS

1219 SUMMIT ST

EX 8" WTR

EX 10" STORM

SUMMIT ST

EX 8" SAN

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SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	14

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	156	0

0 5 10 20 FT

SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1219
SUMMIT ST
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EX 8" WTR

EX 10" STORM

SUMMIT ST

EX 8" SAN

1228
SUMMIT ST

EX SERVICE
CONNECTION
(TYP)

REPLACE 37 LF

EX GAS

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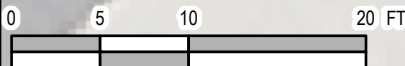
SUMMARY OF WORK

SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	37

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	294	0



SEE LEGEND ON PAGE 4

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PROJECT NUMBER		
210118-04-001		

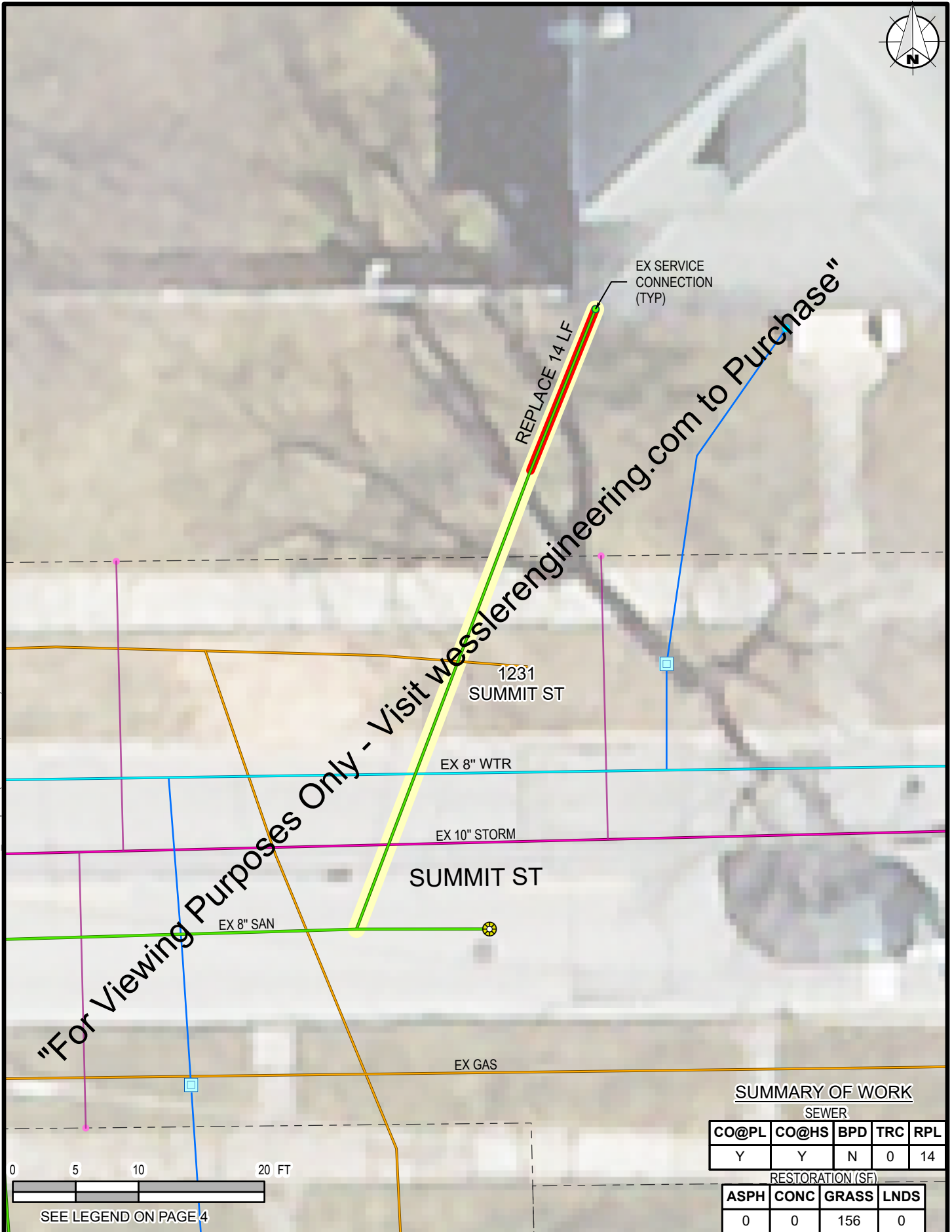
LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1228
SUMMIT ST**
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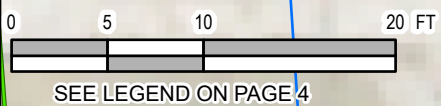
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SUMMARY OF WORK

SEWER				
CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	0	14
RESTORATION (SF)				
ASPH	CONC	GRASS	LNDS	
0	0	156	0	



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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

1231
SUMMIT ST
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1234
SUMMIT ST

REPLACE
35 LF

EX SERVICE
CONNECTION
(TYP)

EX 6" WTR

EX 10" STORM

GREEN ST

EX 8" SAN

EX GAS

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SUMMARY OF WORK

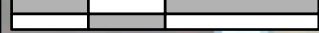
SEWER

CO@PL	CO@HS	BPD	TRC	RPL
Y	Y	N	35	35

RESTORATION (SF)

ASPH	CONC	GRASS	LNDS
0	0	282	0

0 5 10 20 FT



SEE LEGEND ON PAGE 4

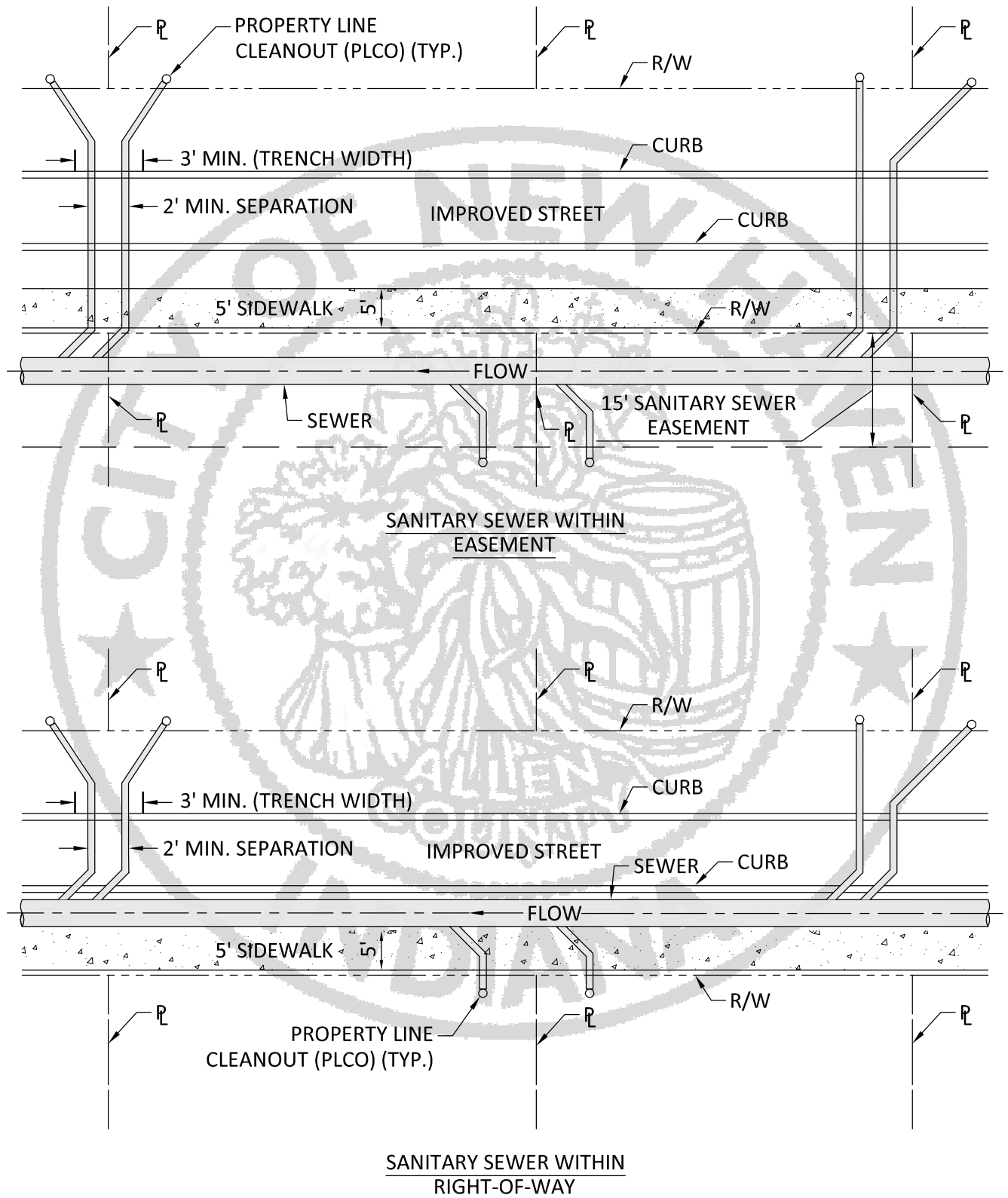
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MRE	JLJ	CAH
PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**1234
SUMMIT ST**
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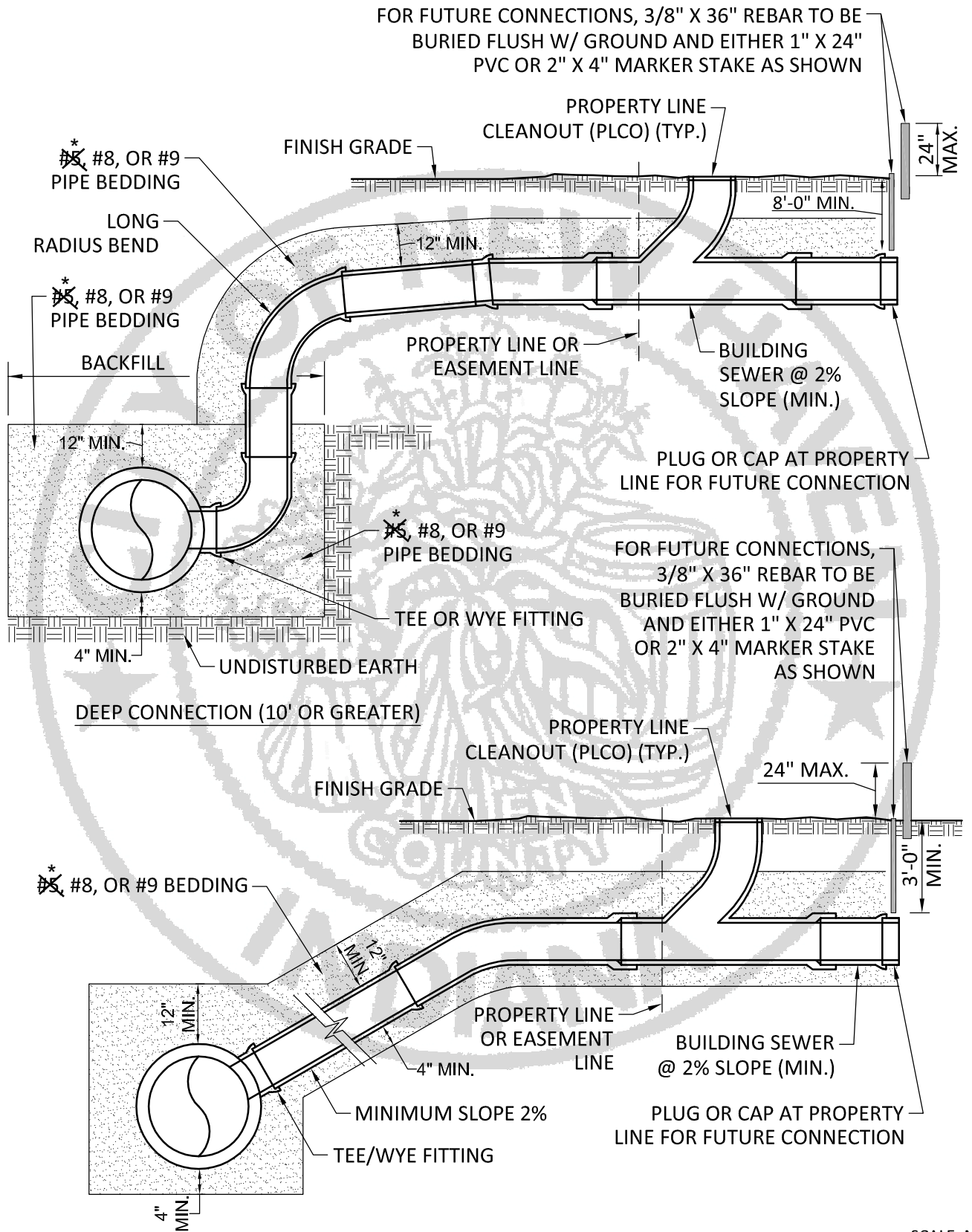
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SCALE: N.T.S.

SANITARY SEWER SERVICE ROADWAY LAYOUT

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PROJECT NUMBER			CITY OF NEW HAVEN ENGINEERING DEPARTMENT NEW HAVEN, INDIANA	PAGE 141 of 151
210118-04-001				



FOR FUTURE CONNECTIONS, 3/8" X 36" REBAR TO BE BURIED FLUSH W/ GROUND AND EITHER 1" X 24" PVC OR 2" X 4" MARKER STAKE AS SHOWN

PROPERTY LINE CLEANOUT (PLCO) (TYP.)

24" MAX.

* #8, OR #9 PIPE BEDDING

FINISH GRADE

LONG RADIUS BEND

12" MIN.

8'-0" MIN.

* #8, OR #9 PIPE BEDDING

BACKFILL

PROPERTY LINE OR EASEMENT LINE

BUILDING SEWER @ 2% SLOPE (MIN.)

12" MIN.

PLUG OR CAP AT PROPERTY LINE FOR FUTURE CONNECTION

* #8, OR #9 PIPE BEDDING

FOR FUTURE CONNECTIONS, 3/8" X 36" REBAR TO BE BURIED FLUSH W/ GROUND AND EITHER 1" X 24" PVC OR 2" X 4" MARKER STAKE AS SHOWN

TEE OR WYE FITTING

4" MIN.

UNDISTURBED EARTH

DEEP CONNECTION (10' OR GREATER)

PROPERTY LINE CLEANOUT (PLCO) (TYP.)

24" MAX.

FINISH GRADE

* #8, OR #9 BEDDING

3'-0" MIN.

12" MIN.

PROPERTY LINE OR EASEMENT LINE

BUILDING SEWER @ 2% SLOPE (MIN.)

12" MIN.

MINIMUM SLOPE 2%

PLUG OR CAP AT PROPERTY LINE FOR FUTURE CONNECTION

TEE/WYE FITTING

4" MIN.

SCALE: N.T.S.

SANITARY SEWER SERVICE RISER DETAILS

*PROJECT-SPECIFIC REVISION TO NEW HAVEN STANDARD DETAIL

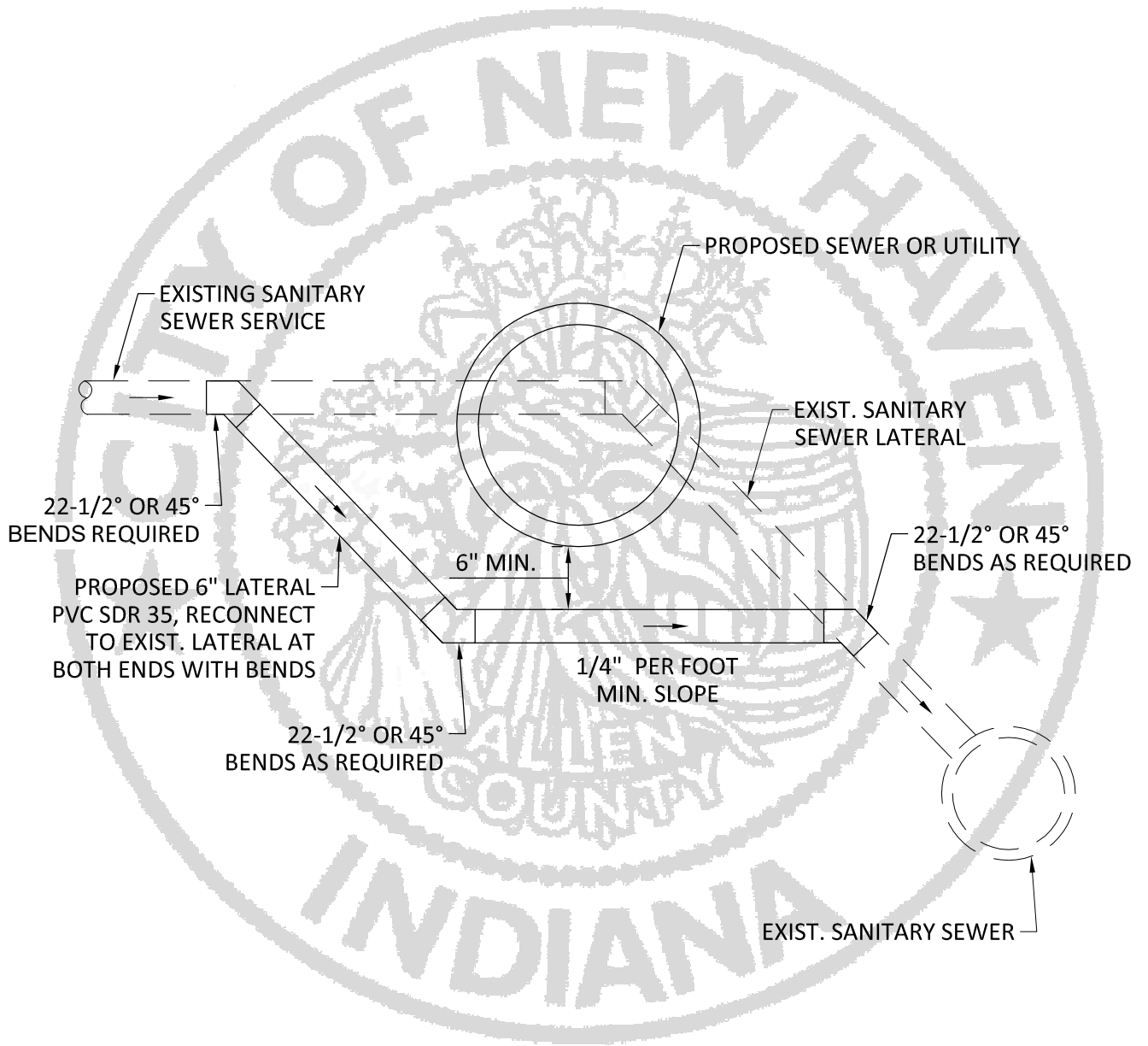
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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

STANDARD DETAIL SAN-17
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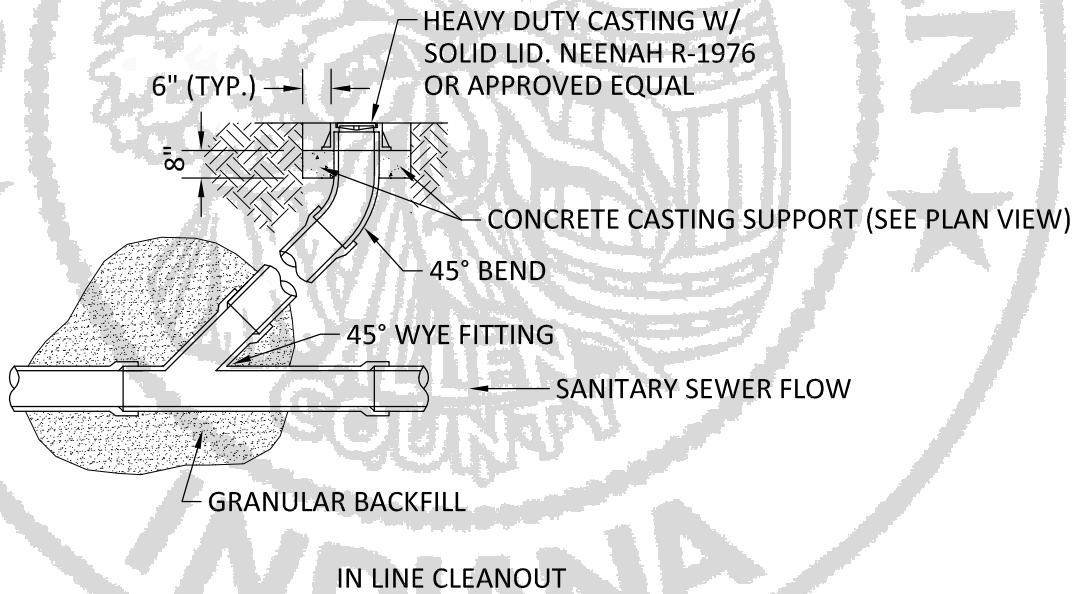
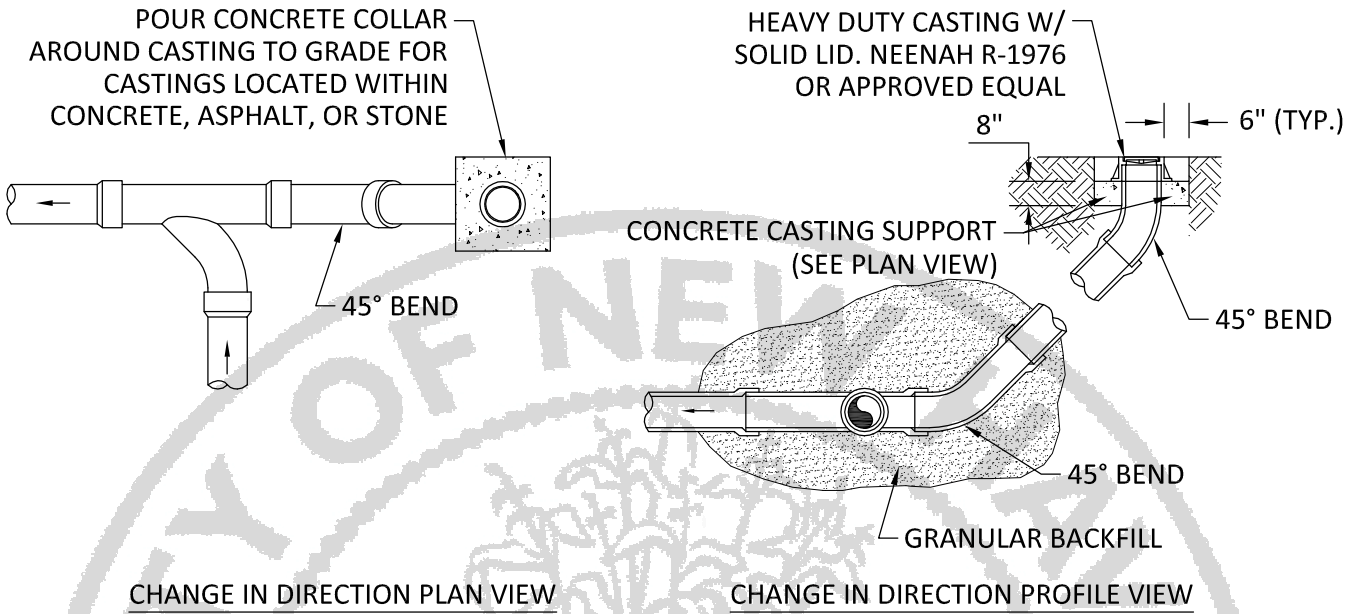
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SCALE: N.T.S.

SANITARY SEWER SERVICE DEFLECTION

DRAWN BY	CHECKED BY	APPROVED BY	LATERAL 3R PROGRAM PHASE 1	STANDARD DETAIL SAN-18
PROJECT NUMBER			CITY OF NEW HAVEN ENGINEERING DEPARTMENT NEW HAVEN, INDIANA	PAGE 143 of 151
210118-04-001				



NOTES:

1. ~~IN PUBLIC RIGHT-OF-WAY CLEANOUT~~ CASTINGS SHALL BE HEAVY DUTY W/ SOLID LID, NEENAH R-1976 OR APPROVED EQUAL.
2. CLEANOUTS LOCATED WITHIN CONCRETE OR ASPHALT ROADWAYS OR SIDEWALKS SHALL BE NEENAH R-1976 OR APPROVED EQUAL.
3. CLEANOUTS LOCATED OUTSIDE OF THE RIGHT-OF-WAY AND IN NON-TRAFFIC AREAS MAY BE A PVC CLEANOUT ADAPTER AND THREADED PLUG. SEE "BUILDING SANITARY SEWER CONNECTION ADAPTER AND CLEANOUT" DETAIL.

ALL*

SCALE: N.T.S.

SANITARY SEWER CLEANOUT

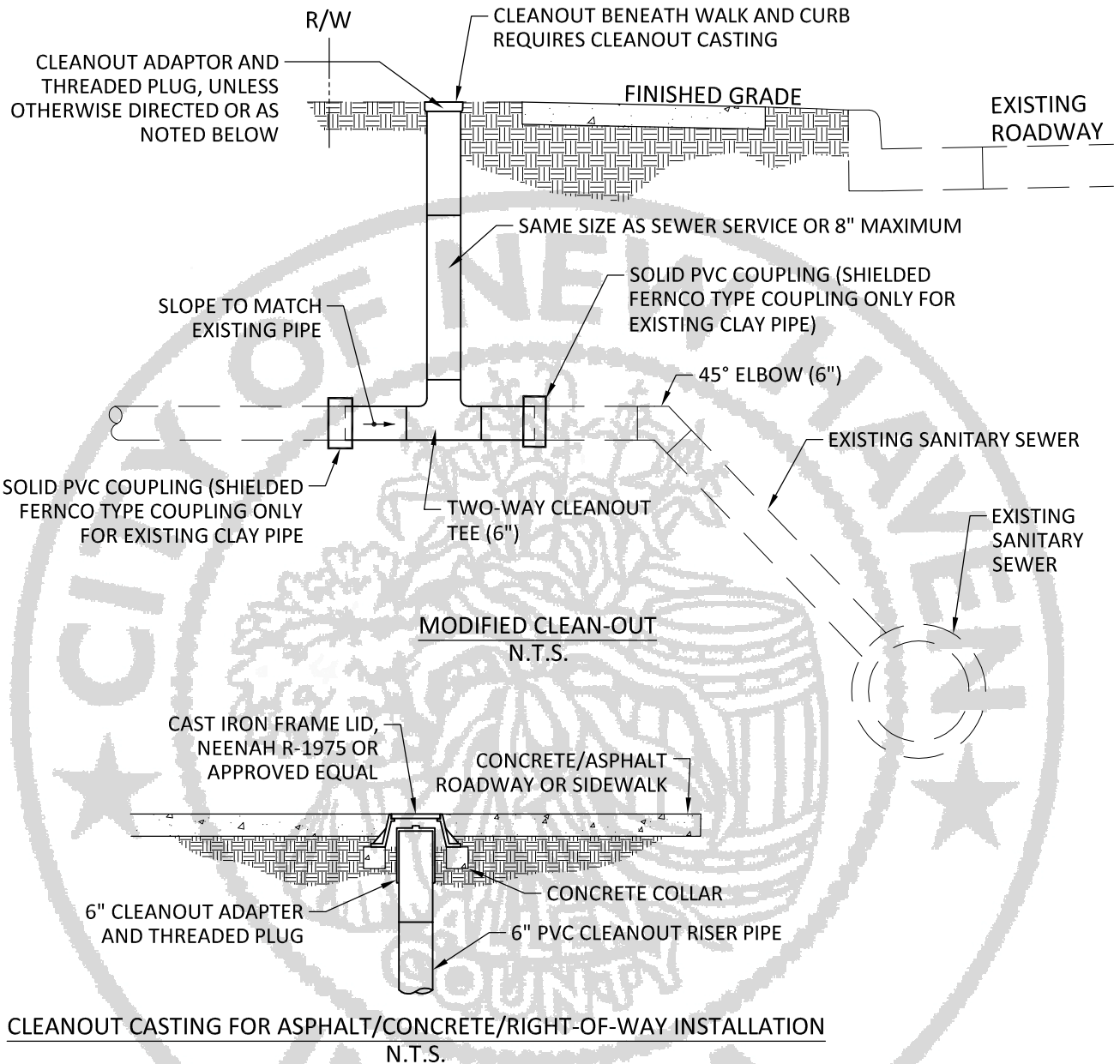
*PROJECT-SPECIFIC REVISION TO NEW HAVEN STANDARD DETAIL

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT NEW HAVEN, INDIANA

STANDARD DETAIL
SAN-19
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CLEANOUT CASTING FOR ASPHALT/CONCRETE/RIGHT-OF-WAY INSTALLATION
N.T.S.

NOTES:

1. LOCATE CLEAN-OUT SUCH THAT PLUG IS NOT LOCATED IN SIDEWALK UNLESS DIRECTED OTHERWISE.
2. IN NON-TRAFFIC AREAS, TOP OF CLEAN-OUT SHALL REQUIRE AN ADAPTER AND A THREADED PLUG.
3. IN CONCRETE OR ASPHALT ROADWAYS/DRIVEWAYS, SIDEWALKS, OR WITHIN RIGHT-OF-WAY, CLEANOUT AND PLUG TO BE LOCATED WITHIN A CASTING. CASTING FRAME AND LID SHALL BE NEENAH #R-1975 OR APPROVED EQUAL. SEE ASPHALT/CONCRETE INSTALLATION LAYOUT, THIS PAGE.
4. THIS DETAIL SHALL BE FOR CLEAN-OUTS INSTALLED ON EXISTING SANITARY SERVICES ONLY AS APPROVED BY THE CITY.
5. CONNECTION TO THE EXISTING SANITARY SERVICE SHALL BE WITH SOLID PVC OR SHIELDED FERNCO COUPLINGS OR APPROVED EQUAL. SEE NOTE ABOVE AND ON PREVIOUS SHEETS.
6. THE CONTRACTOR OR DEVELOPER SHALL PROVIDE THE DEPARTMENT OF ENGINEERING WITH "AS BUILT" DRAWINGS OF ALL SANITARY SEWER AND SERVICE REPAIRS OR MODIFICATIONS LOCATED FROM DOWNSTREAM MANHOLE AND TO CLOSEST PROPERTY LINES.
7. ALL NEW LATERALS INSTALLED OR REPAIRS TO SERVICE LATERALS SHALL REQUIRE A PERMIT AND MAY REQUIRE TAPPING FEES.
8. IF CLEANOUT IS BETWEEN SIDEWALK AND CURB, A CLEANOUT CASTING SHOULD BE INSTALLED.

SCALE: N.T.S.

MODIFIED CLEANOUT DETAIL

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DRAWN BY	CHECKED BY	APPROVED BY						
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PROJECT NUMBER								
210118-04-001								

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FRAME & LID
NEENAH R-1976
E. JORDAN 1578
OR APPROVED EQUAL

NOTES:

1. CASTINGS SHALL BE USED FOR ALL CLEANOUTS LOCATED WITHIN THE RIGHT-OF-WAY, SIDEWALK, PAVEMENT, CONCRETE, OR OTHER SURFACE REQUIRING HEAVY LOAD. *

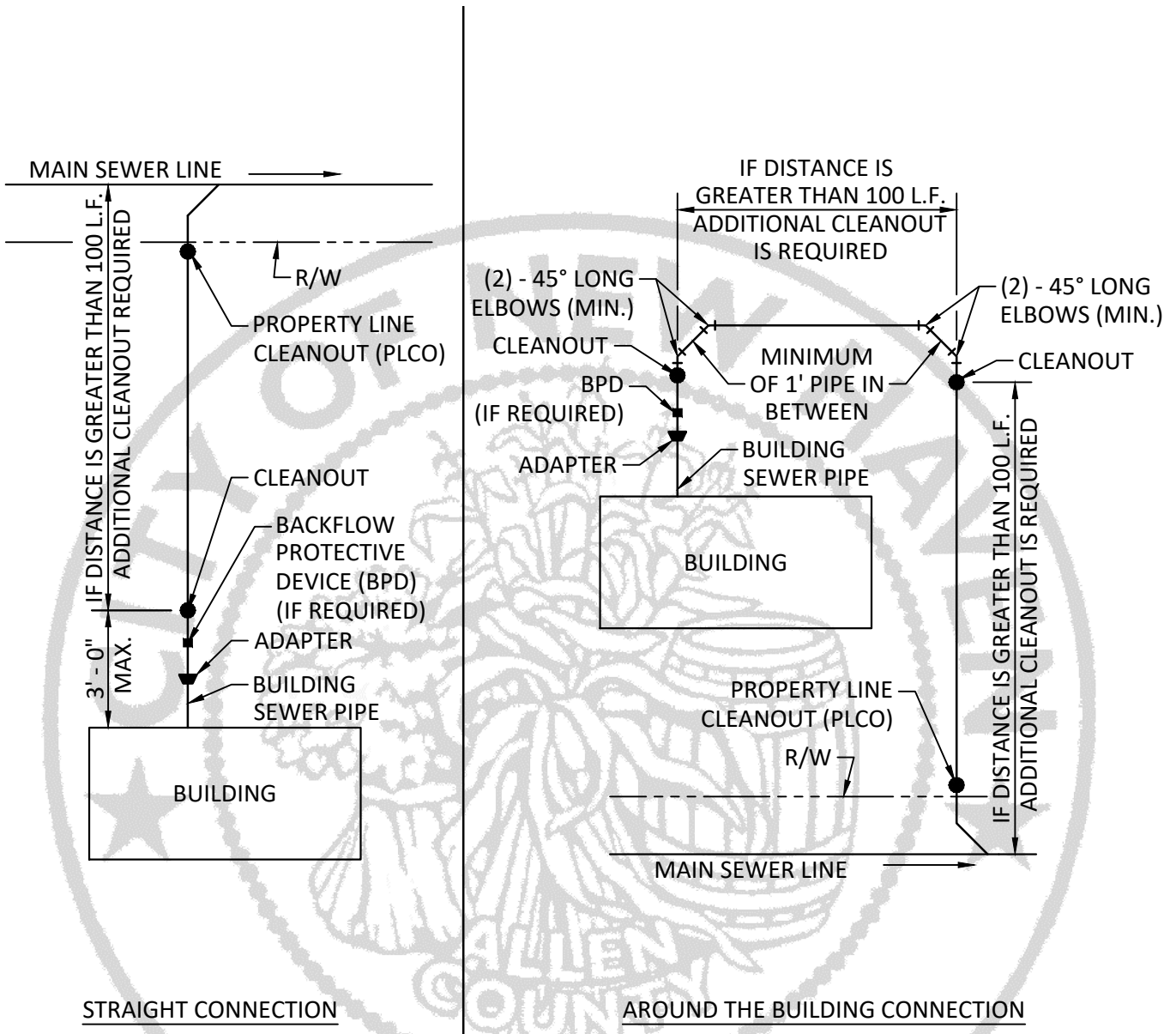
SCALE: N.T.S.

STANDARD CLEANOUT CASTING

*PROJECT-SPECIFIC REVISION TO NEW HAVEN STANDARD DETAIL

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PROJECT NUMBER			CITY OF NEW HAVEN ENGINEERING DEPARTMENT NEW HAVEN, INDIANA	PAGE 146 of 151
210118-04-001				

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NOTES:

1. NO 90° ELBOW IS PERMITTED IN BUILDING SEWER.
2. MINIMUM SLOPE OF BUILDING SEWER SHALL BE 2% (1/4" PER FOOT).
3. MINIMUM SIZE FOR BUILDING SEWER SHALL BE 6" IN DIAMETER.
4. BUILDING SEWER LINE SHALL BE INSPECTED AND APPROVED BEFORE EXCAVATION IS BACKFILLED.
5. TRACER WIRE IS OPTIONAL ON ALL SANITARY SEWER LATERALS.
6. INSTALL A PROPERTY LINE CLEANOUT (PLCO) FOR ALL SERVICE LATERALS AT OR BEHIND ALL PROPERTY LINES.
7. A BACKFLOW PROTECTIVE DEVICE (BPD) IS REQUIRED IF THE HOMES LOWEST FLOOR LEVEL WITH PLUMBING IS NOT AT LEAST ONE FOOT ABOVE THE ELEVATION OF THE UPSTREAM MANHOLE.

SCALE: N.T.S.

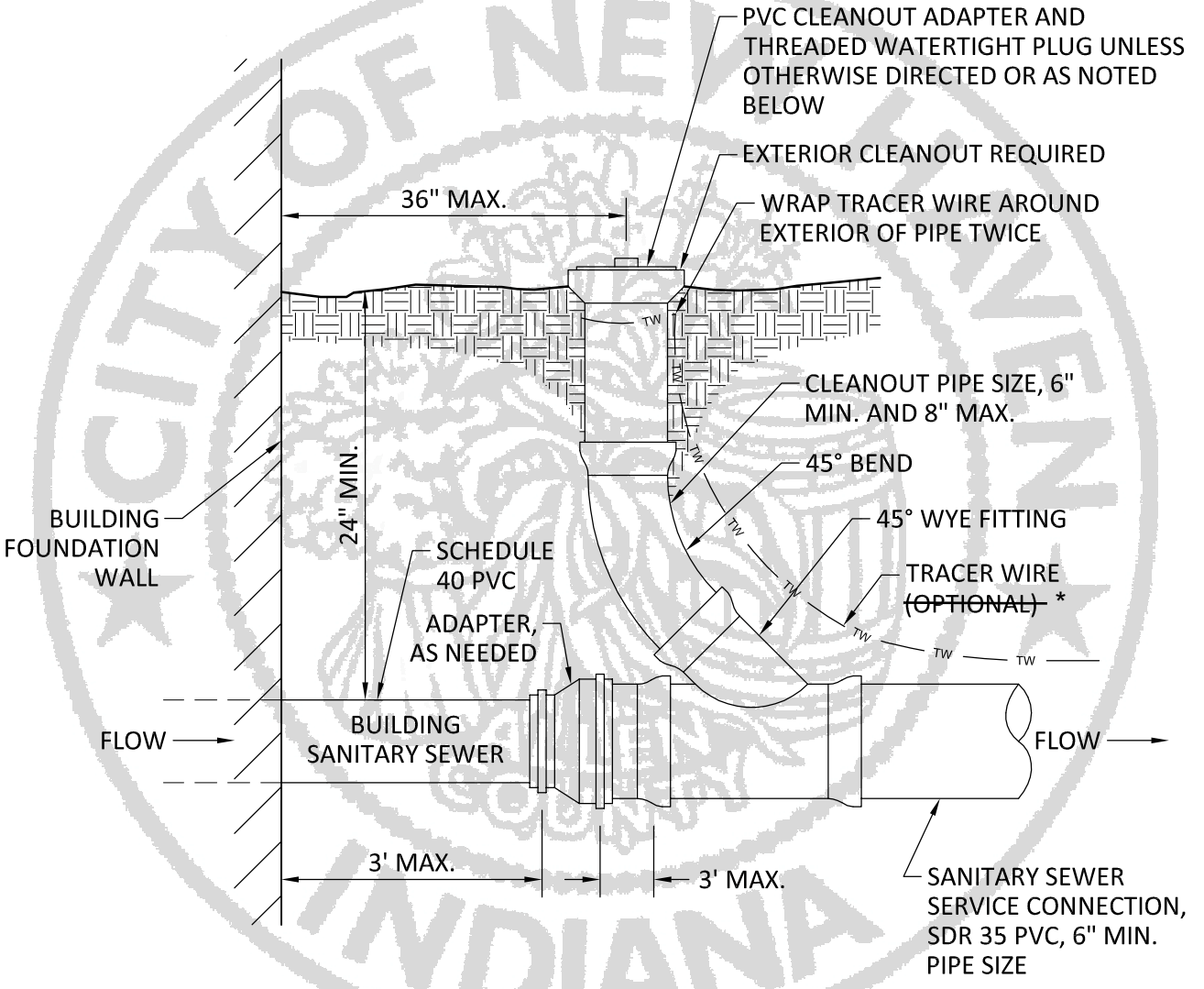
BUILDING SANITARY SEWER CONNECTION LAYOUT

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210118-04-001		

LATERAL 3R PROGRAM PHASE 1
 CITY OF NEW HAVEN ENGINEERING DEPARTMENT
 NEW HAVEN, INDIANA

**STANDARD DETAIL
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- NOTES:**
1. LOCATE CLEANOUT SUCH THAT PLUG IS NOT LOCATED IN SIDEWALK UNLESS DIRECTED OTHERWISE.
 2. IN NON-TRAFFIC AREAS, TOP OF CLEANOUT SHALL REQUIRE AN ADAPTER AND A THREADED PLUG.
 3. IN CONCRETE OR ASPHALT ROADWAYS OR SIDEWALKS, CLEANOUT AND PLUG TO BE LOCATED WITHIN A CASTING. CASTING FRAME AND LID TO BE NEENAH #R-1976 OR APPROVED EQUAL. SEE "SANITARY SEWER CLEANOUT" AND "STANDARD CLEANOUT CASTING" DETAILS.

SCALE: N.T.S.

**BUILDING SANITARY SEWER CONNECTION
ADAPTER & CLEANOUT**

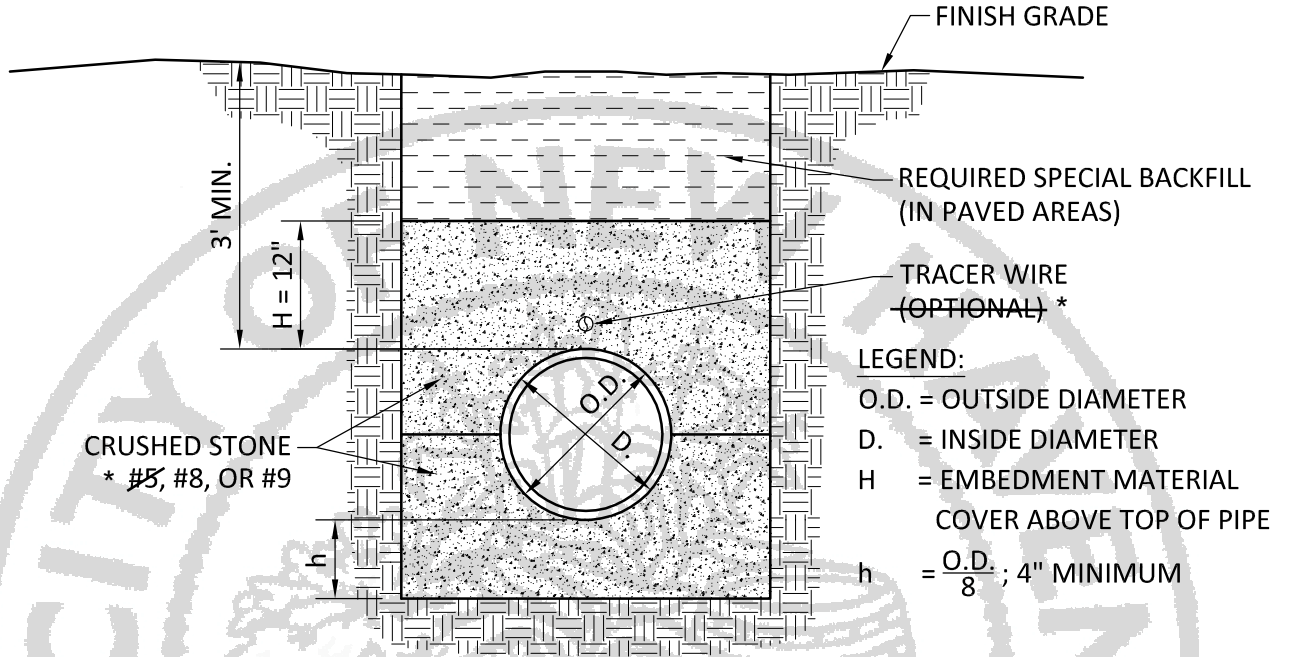
*PROJECT-SPECIFIC REVISION TO NEW HAVEN STANDARD DETAIL

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210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

**STANDARD DETAIL
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CLASS 'F'



NOTES:

1. FOR ROCK OR OTHER NON-COMPRESSIBLE MATERIALS: THE TRENCH SHOULD BE OVER-EXCAVATED A MINIMUM OF 6" AND REFILLED WITH GRANULAR MATERIAL.
2. FLEXIBLE CONDUITS ARE CONSIDERED THE FOLLOWING PIPES: PVC, HDPE, DIP, AND CMP.

SCALE: N.T.S.

FLEXIBLE PIPE BEDDING

*PROJECT-SPECIFIC REVISION TO NEW HAVEN STANDARD DETAIL

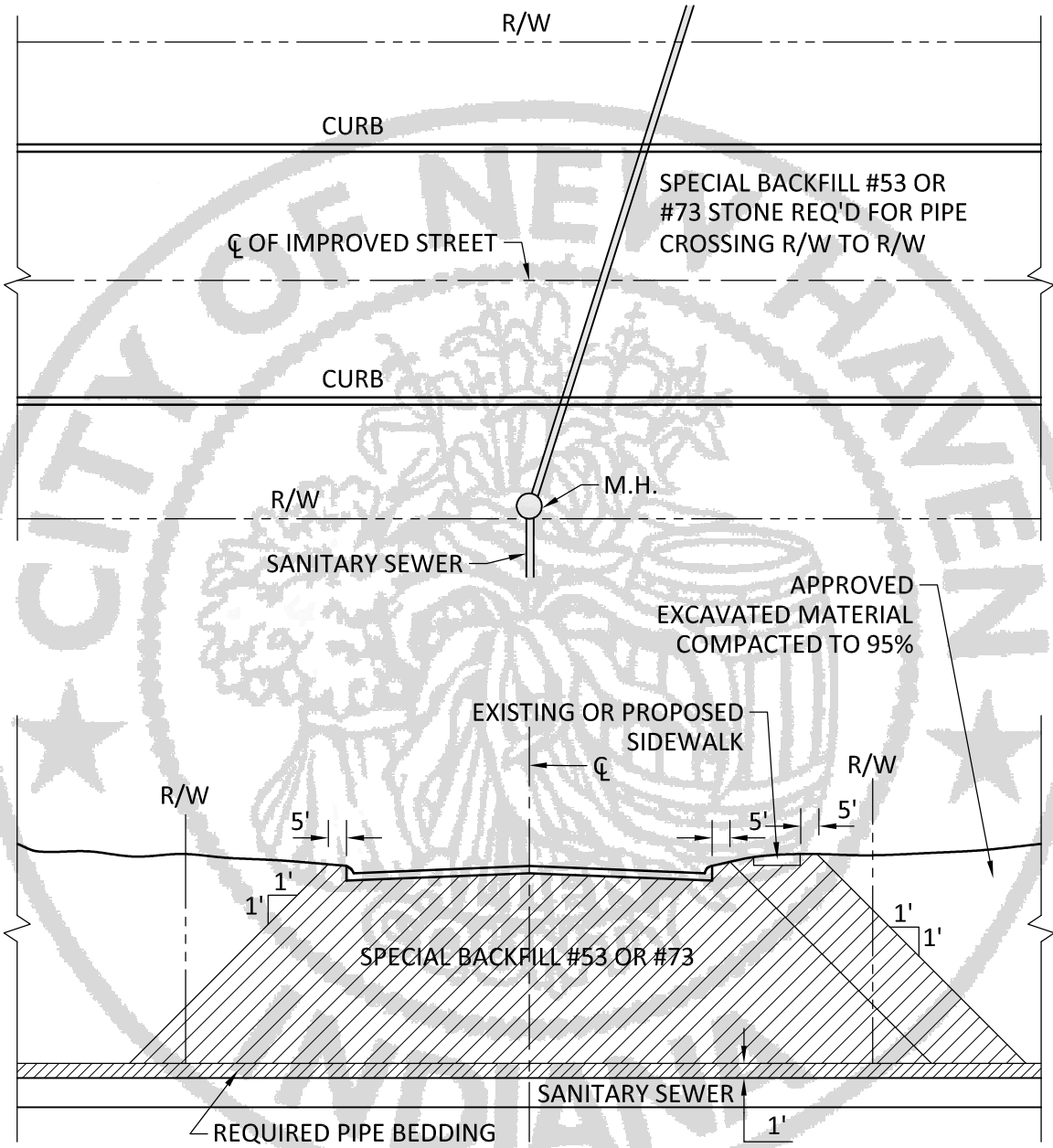
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210118-04-001		

LATERAL 3R PROGRAM PHASE 1
CITY OF NEW HAVEN ENGINEERING DEPARTMENT NEW HAVEN, INDIANA

STANDARD DETAIL SAN-25
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NOTES:

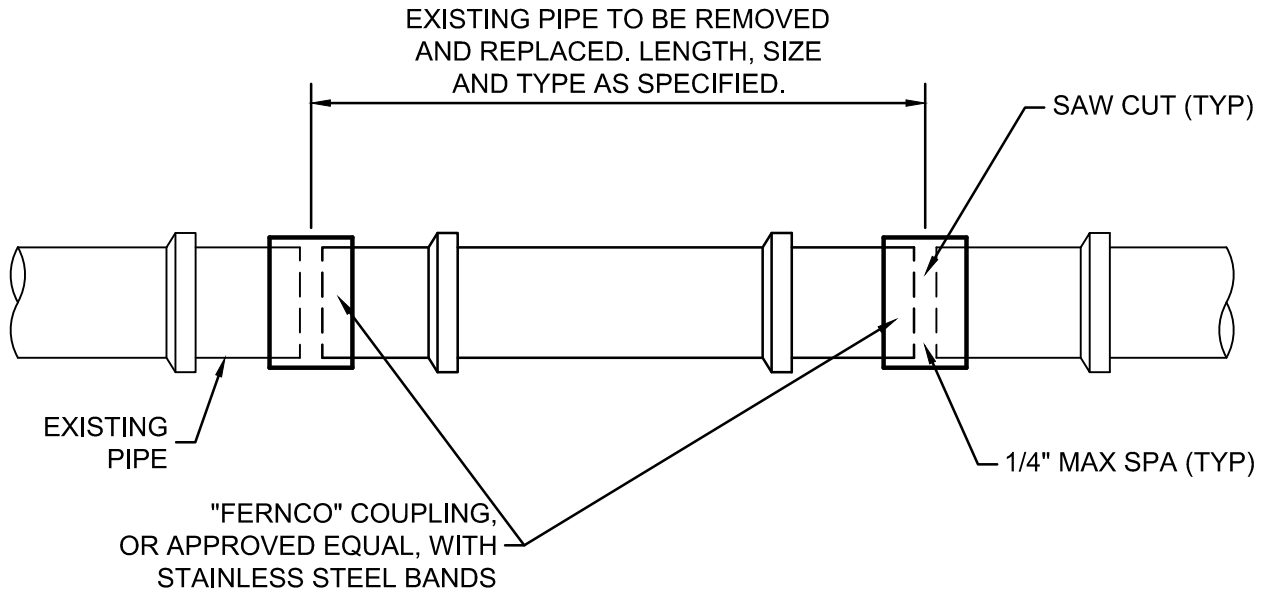
1. ALL DRIVEWAYS SHALL BE BACKFILLED WITH SPECIAL BACKFILL #53 OR #73 STONE AND COMPACTED BY MECHANICAL MEANS.
2. AREAS UNDER EXISTING OR PROPOSED SIDEWALK TO BE BACKFILLED WITH COMPACTED #53 OR #73 STONE.
3. ALL SANITARY SEWER LATERALS LOCATED UNDER EXISTING OR FUTURE ROADWAYS, DRIVEWAYS, AND SIDEWALKS SHALL BE BACKFILLED WITH SPECIAL BACKFILL #53 OR #73 STONE AND COMPACTED.

SCALE: N.T.S.

BACKFILL REQUIREMENTS FOR SANITARY SEWERS CROSSING THE RIGHT-OF-WAY

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PROJECT NUMBER				
210118-04-001				

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SANITARY SEWER REPAIR

SCALE: NONE

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PROJECT NUMBER		
210118-04-001		

LATERAL 3R PROGRAM PHASE 1

CITY OF NEW HAVEN ENGINEERING DEPARTMENT
NEW HAVEN, INDIANA

STANDARD DETAIL

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