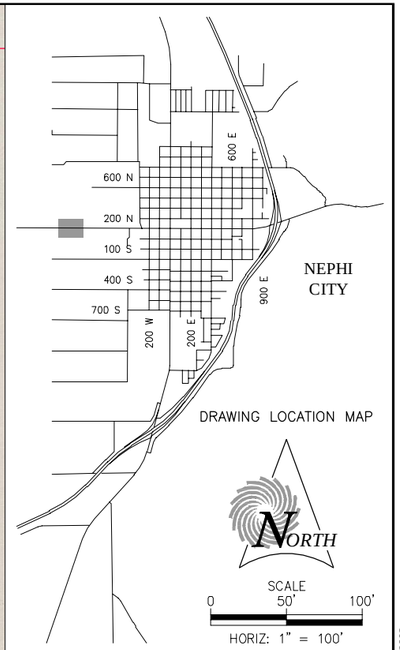




NO WORK ON THIS SHEET

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No. 375477
06/27/2018
ROBERT W. WORLEY
STATE OF UTAH

REV NO.	COMMENT	DATE
1	GENERAL REVISIONS FOR BIDS	6-21-18

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25 EAST 500 NORTH
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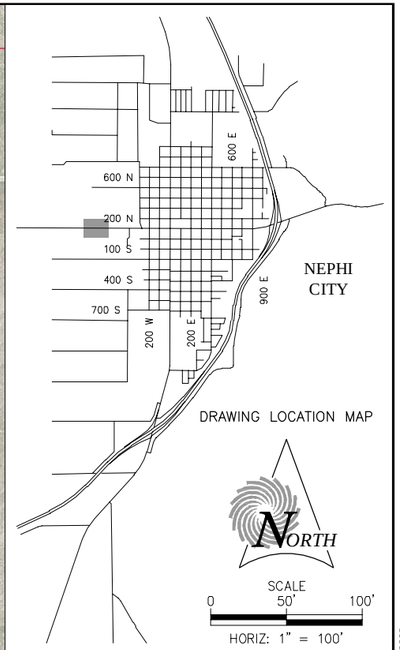
NEPHI CITY

CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	83	P-12D

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 10:59am cchristensen





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ROBERT W. WORLEY
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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

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05884	JCI	CJC	RWW	84

P-12E

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 10:59am cchristensen

MATCH DWG P-11F

MATCH DWG P-12E

MATCH DWG P-12G

MATCH DWG P-13F

SR-132 / 100 North St

400 West St

500 West St

400 West St

Center St

RELOCATE EXIST. 1" METER & METER BOX FROM 400 W & 100 N TO THIS LOCATION AS SHOWN – CONNECT TO EXIST. 2" PIPELINE

INSTALL 8" BEND W/REQ'D

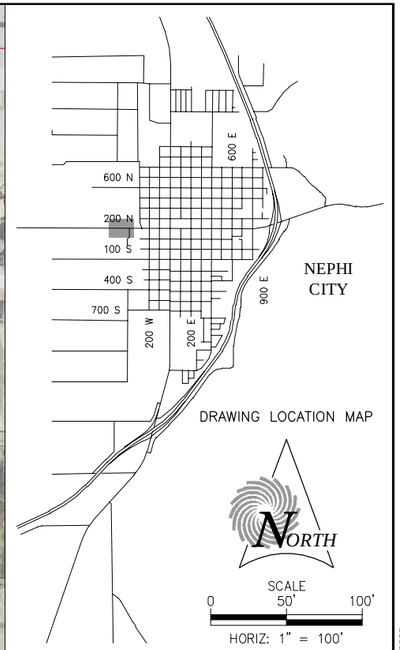
RELOCATE EXIST. 1" METER & METER BOX TO 500 W & 100 N AS SHOWN

INSTALL 8" TEE & G.V.s W/REQ'D – CONNECT TO EXIST. 8" PIPELINES

INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 2" PIPELINE

3/4"

1"



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (F D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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P-12F

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MATCH DWG P-11G

MATCH DWG P-12F

MATCH DWG P-12H

MATCH DWG P-13G

DETAIL–BORING UNDER RAILROAD (A D5)

INSTALL 8" BEND W/REQ'D

INSTALL 8" TEE & G.V.s W/REQ'D

INSTALL 8" TRANS. CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

INSTALL 8" TEE & G.V. W/REQ'D

INSTALL 8" G.V. W/REQ'D ON EXIST. 8" PIPELINE

300 West St

Railroad

200 West St

100 North St

INSTALL 8" BEND W/REQ'D

INSTALL 8" BEND & G.V. W/REQ'D

INSTALL 8" TRANS. CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

INSTALL 8" TEE & G.V.s W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

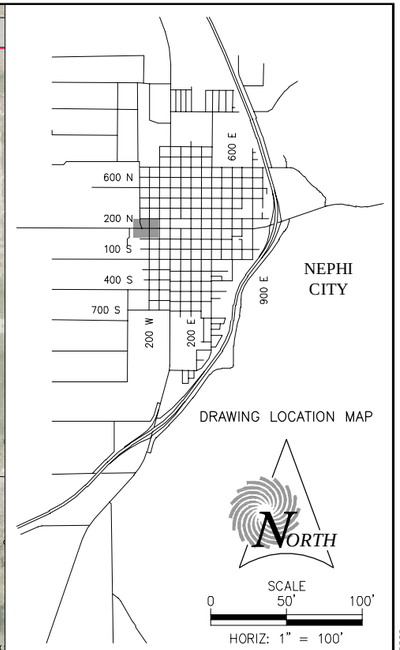
REMOVE EXIST. FIRE HYDRANT

INSTALL 8" TRANS. CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

INSTALL 10" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 8" PIPELINES

REMOVE EXIST. FIRE HYDRANT

3/4" 1" 1 1/2"



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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STATE OF UTAH

REV NO.	COMMENT	DATE
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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

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05884	JCI	CJC	RWW	86	P-12G

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MATCH DWG P-11H

200 North St

100 West St

Main St

100 North St

100 East St

MATCH DWG P-12G

MATCH DWG P-12I

MATCH DWG P-13H

INSTALL 8" TRANS. CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

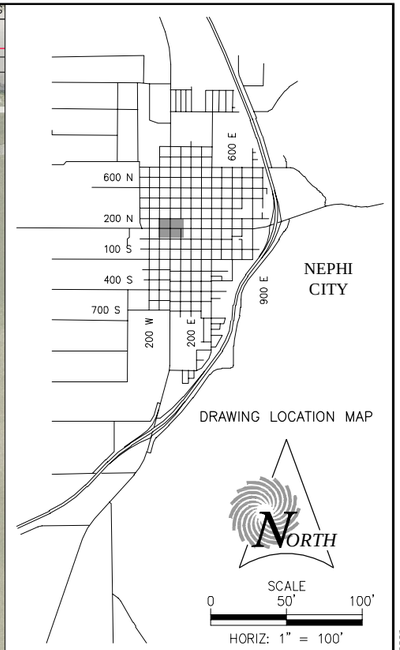
2" MILL AND OVERLAY REQ'D FROM CURB ALIGNMENT TO CURB ALIGNMENT AS SHOWN

INSTALL 12" CROSS, RED.s & G.V.s W/REQ'D

INSTALL 12" TEE, RED. & G.V.s W/REQ'D

INSTALL 12" CROSS, RED.s & G.V.s W/REQ'D

INSTALL 12" TEE & G.V. W/REQ'D – CONNECT TO EXIST. 12" PIPELINE



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (F D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.
05884	JCI	CJC	RWW	87

P-12H

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MATCH DWG P-11I

200 North St

200 East St

300 East St

100 North St

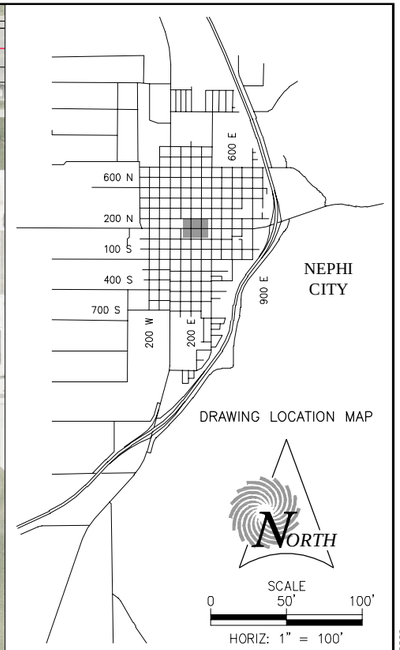
MATCH DWG P-12H

MATCH DWG P-12J

MATCH DWG P-13I

INSTALL 12" CROSS, RED.s & G.V.s W/REQ'D

INSTALL 12" CROSS, RED.s & G.V.s W/REQ'D



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE x"W

EXIST. CULINARY WATER PIPELINE x"W

EXIST. CULINARY WATER PIPELINE TO BE ABANDONED x"W

NEW METER SETTER ASSEMBLY (E D2)

REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)

RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)

NEW FIRE HYDRANT (F D1)

REPLACE EXIST. FIRE HYDRANT (F D1)

RECONNECT EXIST. FIRE HYDRANT (G D1)

NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

LICENSED PROFESSIONAL ENGINEER
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CULINARY WATER IMPROVEMENTS PROJECT
2018
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P-12I

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MATCH DWG P-11J

200 North St

INSTALL 6" TEE & G.V. W/REQ'D – CONNECT TO EXIST. 4" PIPELINES

INSTALL 6" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINES

INSTALL 10" TEE, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 10" PIPELINES

400 East St

500 East St

600 East St

100 North St

CAP WEST LEG OF TEE

CAP SOUTH LEG OF TEE

INSTALL 12" TEE & G.V. W/REQ'D – CONNECT TO EXIST. 12" PIPELINES

INSTALL 10" TEE, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 10" PIPELINES

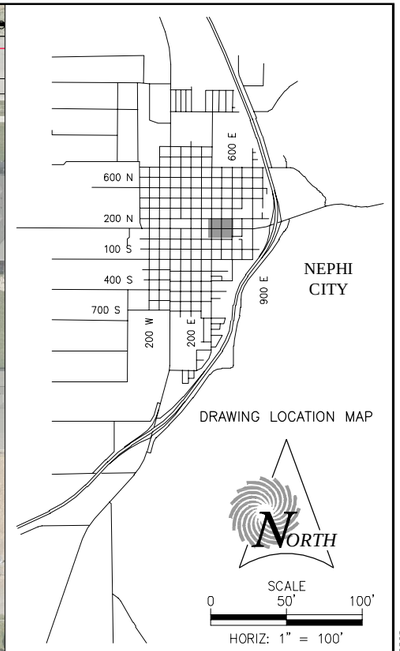
INSTALL 14" BTV W/REQ'D

INSTALL RED. W/REQ'D – CONNECT TO EXIST 6" PIPELINE

MATCH DWG P-12I

MATCH DWG P-12K

MATCH DWG P-13J



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (F D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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ROBERT W. WORLEY
STATE OF UTAH

REV NO.	COMMENT	DATE
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2018
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05884	JCI	CJC	RWW	89	P-12J

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MATCH DWG P-11K

200 North St

700 East St

800 East St

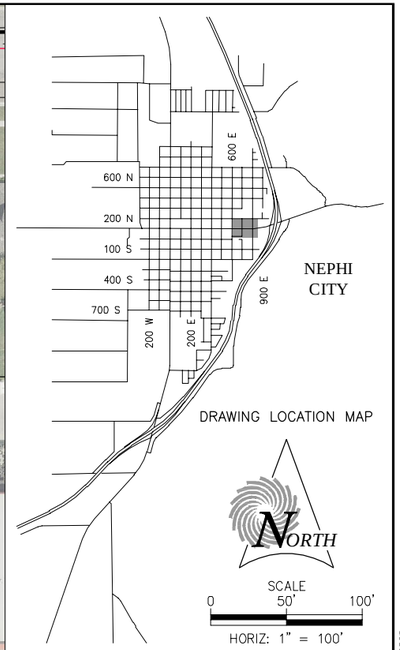
100 North St

MATCH DWG P-12J

MATCH DWG P-12L

MATCH DWG P-13K

INSTALL 14" CROSS, RED.s & G.V. W/REQ'D – CONNECT TO EXIST. 6" & 14" PIPELINES (HOT TAP REQ'D.)



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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05884	JCI	CJC	RWW	90	P-12K

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MATCH DWG P-11L

200 North St

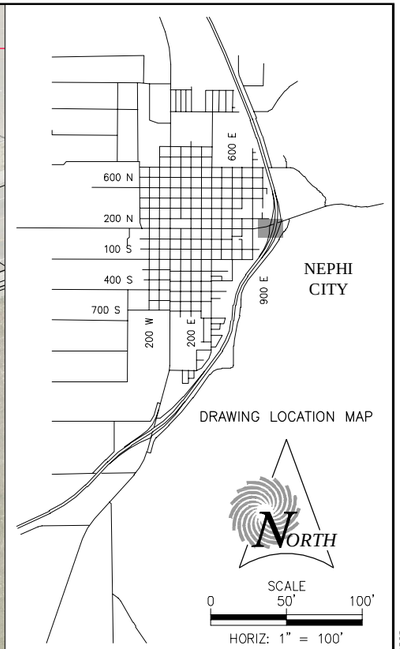
SR 132

15

MATCH DWG P-12K

MATCH DWG P-12M

MATCH DWG P-13L



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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STATE OF UTAH

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PLAN SHEET

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05884	JCI	CJC	RWW	91	P-12L

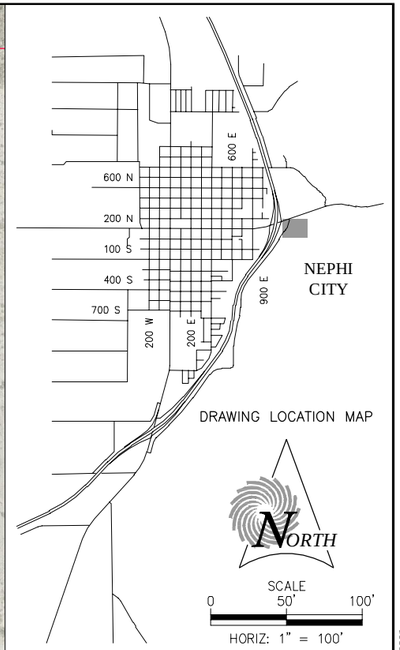
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MATCH DWG P-11M

MATCH DWG P-12L

SR 132

Sheep Lane Rd



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	92	P-12M

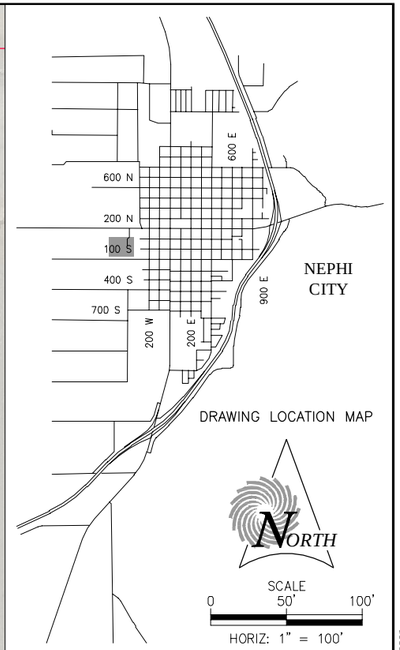
P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:02am cchristensen

MATCH DWG P-12F

Center St

MATCH DWG P-13G

MATCH DWG P-14F



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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2018
PLAN SHEET

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P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:02am cchristensen

MATCH DWG P-12G

Center St

Railroad

200 West St

100 South St

300 West St

MATCH DWG P-13F

MATCH DWG P-13H

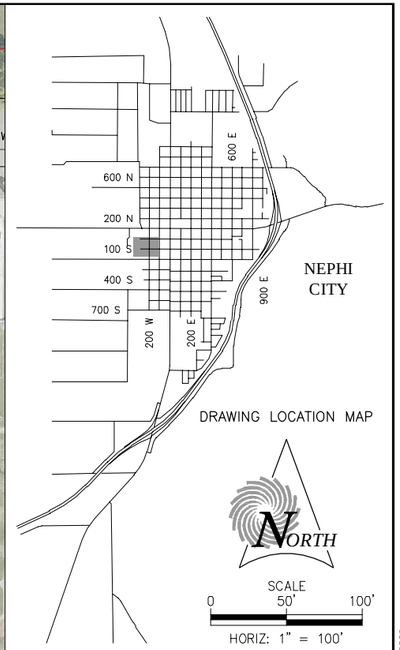
MATCH DWG P-14G

INSTALL 8" TEE & G.V.s W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

INSTALL 8" CROSS & G.V.s W/REQ'D – CONNECT TO EXIST. 8" PIPELINES

INSTALL 8" TEE & G.V.s W/REQ'D – CONNECT TO EXIST. 8" PIPELINES

INSTALL 8" CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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STATE OF UTAH

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CULINARY WATER IMPROVEMENTS PROJECT
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05884	JCI	CJC	RWW	94

P-13G

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MATCH DWG P-12H

Center St

INSTALL 8" CROSS & G.V.s W/REQ'D

INSTALL 16" BEND W/REQ'D

INSTALL 4" & 12" G.V.S W/REQ'D

INSTALL 8" CROSS & G.V.s W/REQ'D

INSTALL 8" TEE, RED. & G.V. W/REQ'D

INSTALL 8" TEE & RED. W/REQ'D – CONNECT TO EXIST. 2" PIPELINE

INSTALL RED. W/REQ'D

INSTALL RED. W/REQ'D – CONNECT TO EXIST. 12" PIPELINE

INSTALL 16" BENDS W/REQ'D

BENCHMARK = TOP OF ASPHALT (ASSUMED ELEV. 5145.00) FIREHOUSE WELL FINISH FLOOR ELEV. = 5145.50

A / F1 PLAN–FIREHOUSE WELL

20" PURGE LINE

4" FLOOR DRAIN LINE

A / D4 DETAIL–CREEK CROSSING

Main St

100 East St

INSTALL 8" CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

DETAIL–CREEK CROSSING A / D4

INSTALL 4" PLUG W/REQ'D

MATCH DWG P-13G

MATCH DWG P-13I

INSTALL 8" CROSS, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINE

INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 4" PIPELINE

INSTALL 8" TEE & G.V.s W/REQ'D

INSTALL 8" CROSS, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 6" PIPELINE

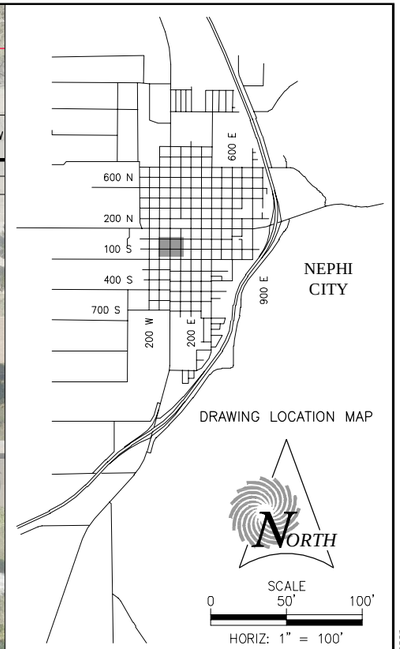
100 South St

100 West St

1" MOVE METER TO OUTSIDE OF FENCE

REMOVE EXIST. FIRE HYDRANT

MATCH DWG P-14H



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E / D2)
- REPLACE EXIST. SERVICE CONNECTION (C / D2) (D / D2)
- RECONNECT EXIST. SERVICE CONNECTION (A / D2) (B / D2)
- NEW FIRE HYDRANT (F / D1)
- REPLACE EXIST. FIRE HYDRANT (F / D1)
- RECONNECT EXIST. FIRE HYDRANT (G / D1)
- NEW GATE VALVE (F / D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

LICENSED PROFESSIONAL ENGINEER
No. 375477
06/27/2018
ROBERT W. WORLEY
STATE OF UTAH

REV NO.	COMMENT	DATE
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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

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05884	JCI	CJC	RWW	95

P-13H

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MATCH DWG P-12I

REMOVE EXIST. FIRE HYDRANT

REMOVE EXIST. FIRE HYDRANT

Center St

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" & 8" PIPELINES

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 2" & 4" PIPELINES

200 East St

300 East St

INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 6" PIPELINE

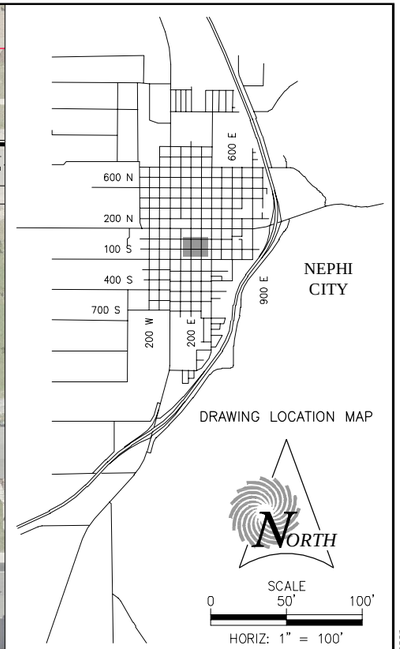
INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 4" PIPELINE

100 South St

MATCH DWG P-13H

MATCH DWG P-13J

MATCH DWG P-14I



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (F D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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05884	JCI	CJC	RWW	96	P-13I

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MATCH DWG P-12J

INSTALL 12" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 12" PIPELINES

INSTALL 8" TEE, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 6" PIPELINE

INSTALL 8" TEE & RED. W/REQ'D – CONNECT TO EXIST. 6" PIPELINE

INSTALL 8" PLUG W/REQ'D

REMOVE EXIST. FIRE HYDRANT

Center St

400 East St

500 East St

600 East St

MATCH DWG P-13I

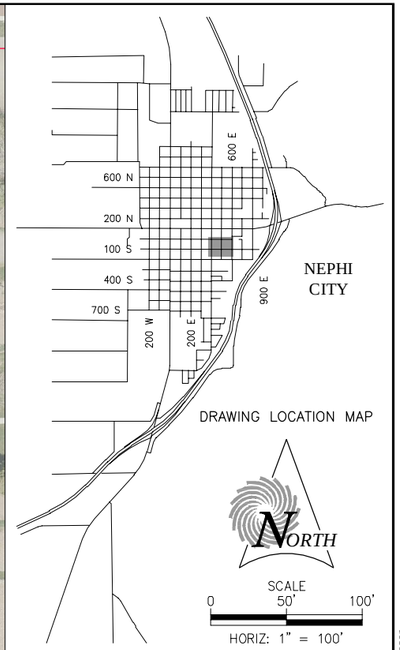
MATCH DWG P-13K

INSTALL 12" CROSS, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 12" PIPELINES

100 South St

INSTALL 8" CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

MATCH DWG P-14J



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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05884	JCI	CJC	RWW	97	P-13J

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MATCH DWG P-12K

Center St

INSTALL 8" PLUG W/REQ'D

700 East St

800 East St

100 South St

INSTALL 8" CROSS, RED.s & G.V. W/REQ'D – CONNECT TO EXIST. 6" & 8" PIPELINES

1"

1"

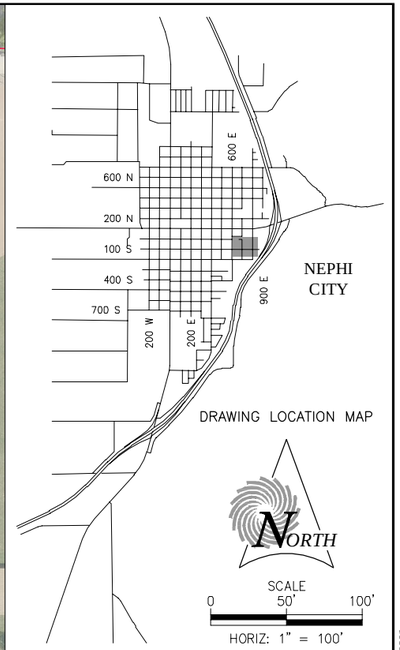
1"

3/4"

MATCH DWG P-13J

MATCH DWG P-13L

MATCH DWG P-14K



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE x"W
- EXIST. CULINARY WATER PIPELINE x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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05884	JCI	CJC	RWW	98	P-13K

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MATCH DWG P-12L

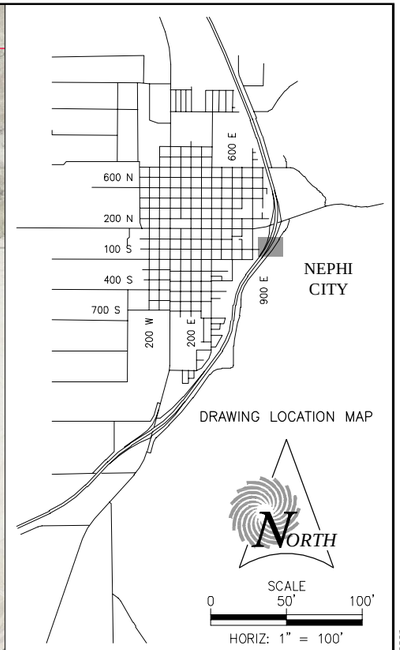
MATCH DWG P-13K

2"W

2"W

15

MATCH DWG P-14L



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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2018
PLAN SHEET

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05884	JCI	CJC	RWW	99	P-13L

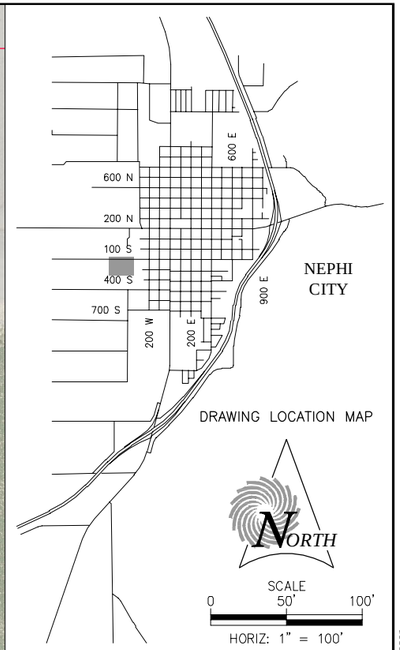
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MATCH DWG P-13F

200 South St

MATCH DWG P-14G

MATCH DWG P-15F



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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05884	JCI	CJC	RWW	100	P-14F

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MATCH DWG P-13G

MATCH DWG P-14F

MATCH DWG P-14H

MATCH DWG P-15G

300 West St
Railroad

200 West St

200 South St

300 South St

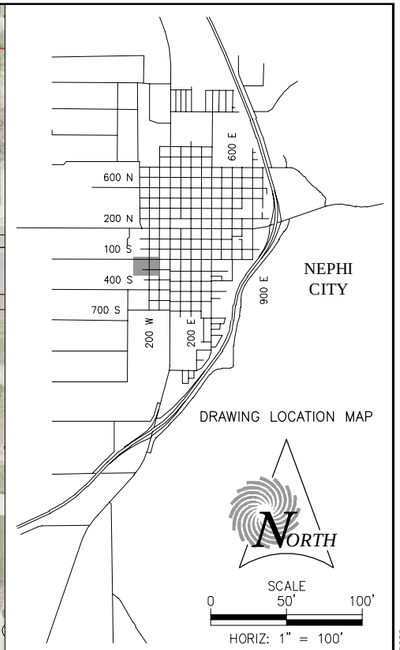
INSTALL 8" TEE, BEND & G.V.s W/REQ'D

A D5 DETAIL–BORING UNDER RAILROAD

INSTALL 8" CROSS & G.V.s W/REQ'D – CONNECT TO EXIST. 8" PIPELINES

INSTALL 8" TEE & G.V. W/REQ'D – HOT TAP CONNECT TO EXIST. 8" PIPELINE

REMOVE EXIST. FIRE HYDRANT



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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P-14G

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MATCH DWG P-13H

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINES

INSTALL 8" CROSS & G.V.s W/REQ'D

INSTALL 8" CROSS, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 6" PIPELINE

200 South St

100 West St

Main St

100 East St

MATCH DWG P-14G

MATCH DWG P-14I

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINES

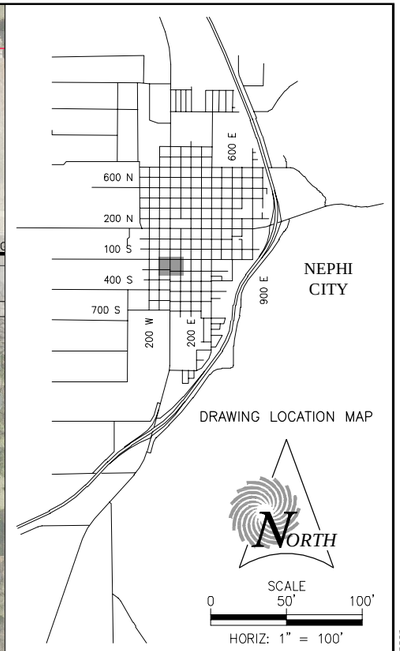
300 South St

INSTALL 8" TEEs & G.V.s W/REQ'D

INSTALL 8" CROSS, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINE

300 South St

MATCH DWG P-15H



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (F D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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05884	JCI	CJC	RWW	102

P-14H

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MATCH DWG P-13I

REMOVE EXIST. FIRE HYDRANT

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" & 6" PIPELINES

INSTALL 8" CROSS, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 4" & 8" PIPELINES

REMOVE EXIST. FIRE HYDRANT

200 South St

INSTALL 8" CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

200 East St

300 East St

MATCH DWG P-14H

MATCH DWG P-14J

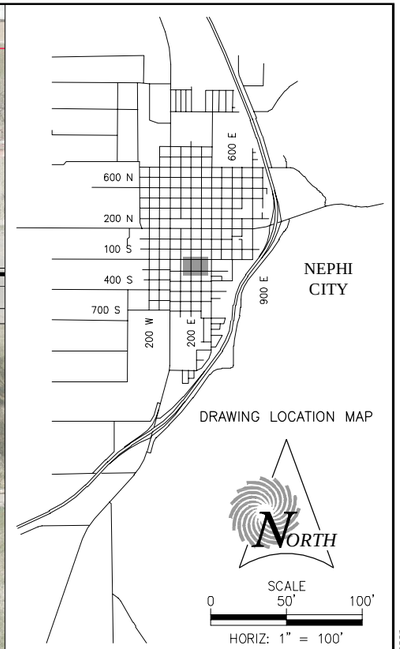
REMOVE EXIST. FIRE HYDRANT

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINES

300 South St

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" & 6" PIPELINES

MATCH DWG P-14I



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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05884	JCI	CJC	RWW	103	P-14I

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MATCH DWG P-13J

MATCH DWG P-14I

MATCH DWG P-14K

MATCH DWG P-15J

500 East

400 East St

600 East St

200 South St

300 South St

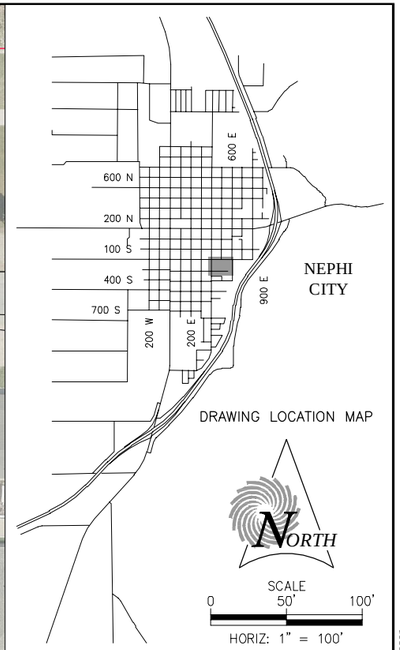
INSTALL 12" TEEs, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 6" & 12" PIPELINES

REMOVE EXIST. FIRE HYDRANT

INSTALL 8" TEE, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 6" PIPELINES

INSTALL 12" TEEs, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 6" & 12" PIPELINES

INSTALL 6" TRANS. CPLG. W/REQ'D – CONNECT TO EXIST. 6" PIPELINE



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED	x"W
NEW METER SETTER ASSEMBLY	E D2
REPLACE EXIST. SERVICE CONNECTION	C D2 D D2
RECONNECT EXIST. SERVICE CONNECTION	A D2 B D2
NEW FIRE HYDRANT	F D1
REPLACE EXIST. FIRE HYDRANT	F D1
RECONNECT EXIST. FIRE HYDRANT	G D1
NEW GATE VALVE	F D2

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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P-14J

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MATCH DWG P-13K

700 East

800 East

INSTALL 6" G.V.s W/REQ'D

200 South St

600 East St
MATCH DWG P-14J

MATCH DWG P-14L

15

MATCH DWG P-15K

600 N
200 N
100 S
400 S
700 S
600 E
200 W
200 E
900 E
NEPHI CITY

DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — — — x"w — — —
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

LICENSED PROFESSIONAL ENGINEER
No. 375477
06/27/2018
ROBERT W. WORLEY
STATE OF UTAH

REV NO.	COMMENT	DATE
1	GENERAL REVISIONS FOR BIDS	6-21-18

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NEPHI CITY

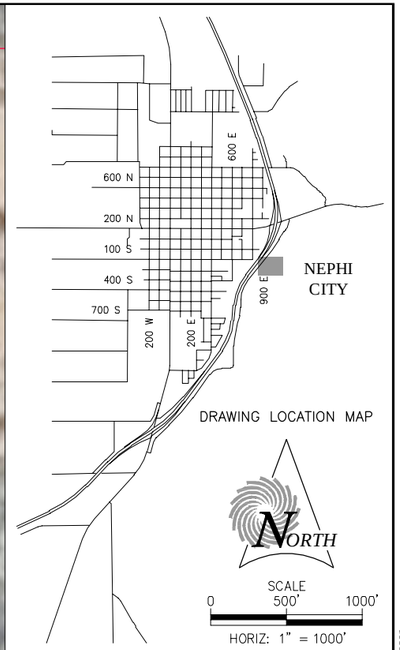
CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	105	P-14K

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:07am cchristensen

MATCH DWG P-13L

MATCH DWG P-14K



DRAWING LOCATION MAP

NORTH

SCALE
0 500' 1000'
HORIZ: 1" = 1000'

NO WORK ON THIS SHEET

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06/27/2018
ROBERT W. WORLEY
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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	106	P-14L

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:08am cchristensen

MATCH DWG P-14F

MATCH DWG P-15G

MATCH DWG P-16F

500 South St

3/4"

INSTALL 8" PLUG W/REQ'D

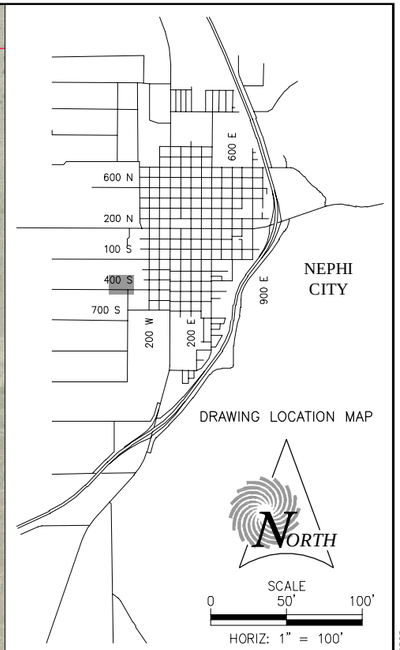
3/4"

3/4"

INSTALL 8" TEE & G.V.s W/REQ'D

1"

REMOVE EXIST. 2" METER AND RETURN TO CITY



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE x"w
EXIST. CULINARY WATER PIPELINE x"w
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED x"w
NEW METER SETTER ASSEMBLY (E D2)
REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
NEW FIRE HYDRANT (F D1)
REPLACE EXIST. FIRE HYDRANT (F D1)
RECONNECT EXIST. FIRE HYDRANT (G D1)
NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

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05884	JCI	CJC	RWW	107	P-15F

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:14am cchristensen

MATCH DWG P-14G

MATCH DWG P-15F

MATCH DWG P-15H

MATCH DWG P-16G

400 South St

500 South St

300 West St

200 West St

Railroad

INSTALL 8" TEE & G.V.s W/REQ'D

A D5 DETAIL–BORING UNDER RAILROAD

REMOVE EXIST. FIRE HYDRANT

INSTALL 8" TEE & G.V. W/REQ'D – CONNECT TO EXIST. 8" PIPELINES

REMOVE EXIST. FIRE HYDRANT

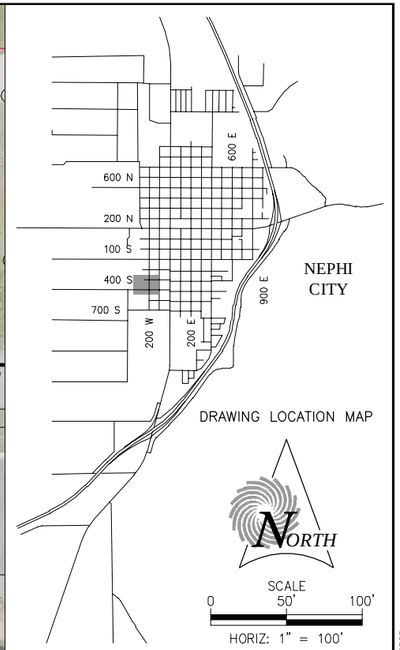
INSTALL 8" TRANS. CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

INSTALL 8" TEE & G.V.s W/REQ'D

INSTALL 8" BEND W/REQ'D

A D5 DETAIL–BORING UNDER RAILROAD

INSTALL 6" TEE, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINES



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED	x"W
NEW METER SETTER ASSEMBLY	F D2
REPLACE EXIST. SERVICE CONNECTION	C D2 D D2
RECONNECT EXIST. SERVICE CONNECTION	A D2 B D2
NEW FIRE HYDRANT	F D1
REPLACE EXIST. FIRE HYDRANT	F D1
RECONNECT EXIST. FIRE HYDRANT	G D1
NEW GATE VALVE	F D2

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

LICENSED PROFESSIONAL ENGINEER
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STATE OF UTAH

REV NO.	COMMENT	DATE
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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	108	P-15G

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MATCH DWG P-14H

400 South St

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINES

REMOVE EXIST. FIRE HYDRANT

INSTALL 8" TEE, RED. & G.V. W/REQ'D

INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 6" PIPELINE

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" & 6" PIPELINES

REMOVE EXIST. FIRE HYDRANT

400 South St

MATCH DWG P-15G

100 West St

Main St

100 East St

MATCH DWG P-15I

500 South St

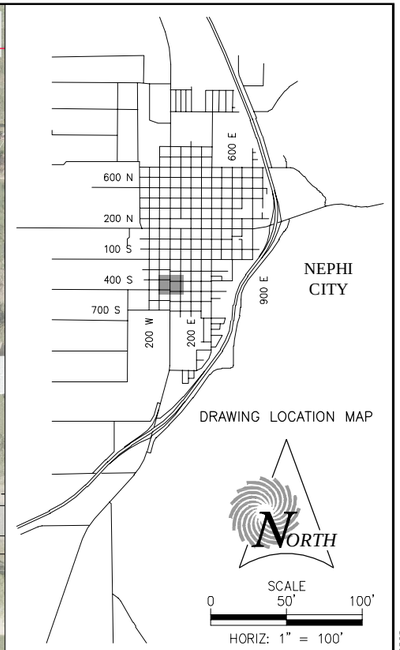
INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINES

INSTALL 8" TEEs & G.V.s W/REQ'D

INSTALL 8" CROSS, RED. & G.V.S W/REQ'D – CONNECT TO EXIST. 4" PIPELINE

500 South St

MATCH DWG P-16H



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE x"W
- EXIST. CULINARY WATER PIPELINE x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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06/27/2018
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STATE OF UTAH

REV NO.	COMMENT	DATE
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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.
05884	JCI	CJC	RWW	109

P-15H

P:\Nephi\05884 Nephi Culinary Water Improvements Project – 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:14am cchristensen

MATCH DWG P-14I

3/4"
3/4"
1"
3/4"
3/4"

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINES

400 South St

200 East St

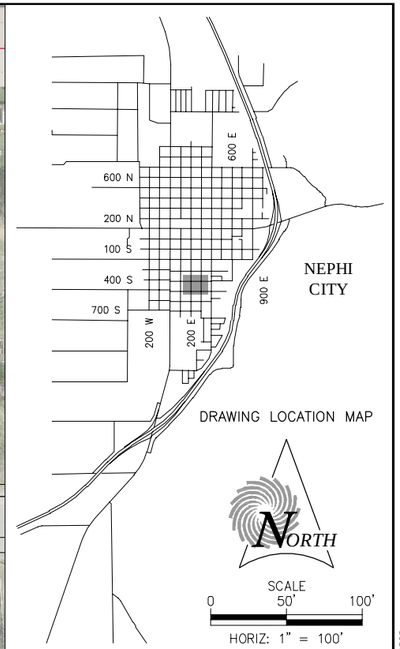
300 East St

500 South St

MATCH DWG P-15H

MATCH DWG P-15J

MATCH DWG P-16I



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED	x"W
NEW METER SETTER ASSEMBLY	E D2
REPLACE EXIST. SERVICE CONNECTION	C D2 D2
RECONNECT EXIST. SERVICE CONNECTION	A B D2 D2
NEW FIRE HYDRANT	F D1
REPLACE EXIST. FIRE HYDRANT	F D1
RECONNECT EXIST. FIRE HYDRANT	G D1
NEW GATE VALVE	F D2

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	110	P-15I

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MATCH DWG P-14J

350 South St

500 East St

600 East St

400 South St

400 East St

500 South St

MATCH DWG P-15I

MATCH DWG P-15K

MATCH DWG P-16J

INSTALL 12" TEE & RED. W/REQ'D – CONNECT TO EXIST. 8" & 12" PIPELINES

INSTALL 12" TEEs, RED.s & G.V. W/REQ'D – CONNECT TO EXIST. 4", 8" & 12" PIPELINES

REMOVE EXIST. FIRE HYDRANT

INSTALL 8" TRANS. CPLG. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

INSTALL RED. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

INSTALL 6" BEND & G.V. W/REQ'D – CONNECT TO EXIST. 6" PIPELINE

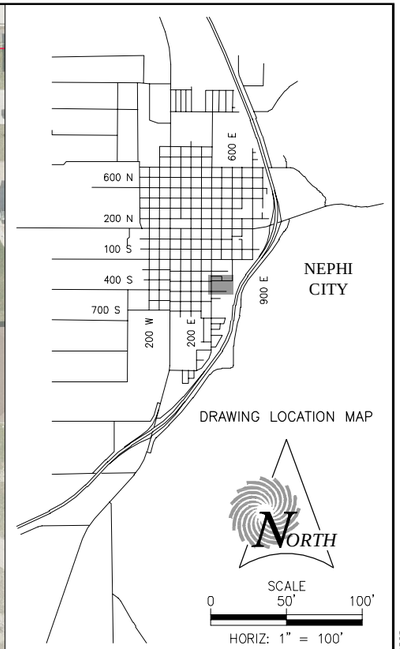
INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 3" SERVICE LATERAL

REMOVE EXIST. FIRE HYDRANT

INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 4" & 8" PIPELINES

INSTALL 12" TEEs, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 8" & 12" PIPELINES

REMOVE EXIST. FIRE HYDRANT



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

LICENSED PROFESSIONAL ENGINEER
No. 375477
06/27/2018
ROBERT W. WORLEY
STATE OF UTAH

REV NO.	COMMENT	DATE
1	GENERAL REVISIONS FOR BIDS	6-21-18

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CULINARY WATER IMPROVEMENTS PROJECT
2018
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05884	JCI	CJC	RWW	111	P-15J

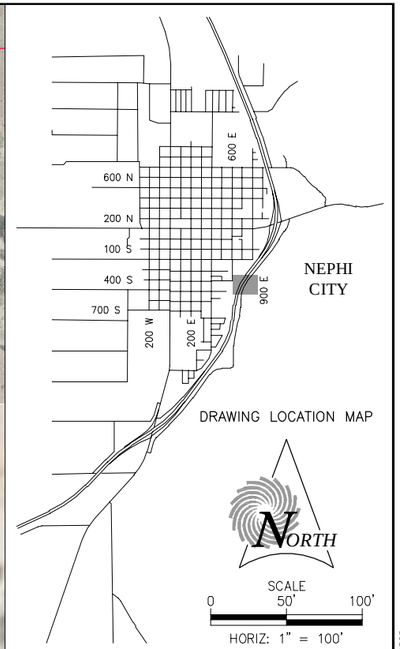
P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:15am cchristensen

MATCH DWG P-14K

MATCH DWG P-15J

MATCH DWG P-16K

15



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

LICENSED PROFESSIONAL ENGINEER
No. 375477
06/27/2018
ROBERT W.
WORLEY
STATE OF UTAH

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CULINARY WATER IMPROVEMENTS PROJECT
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05884	JCI	CJC	RWW	112	P-15K

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MATCH DWG P-15F

MATCH DWG P-16G

400 West St

700 South St

8"W

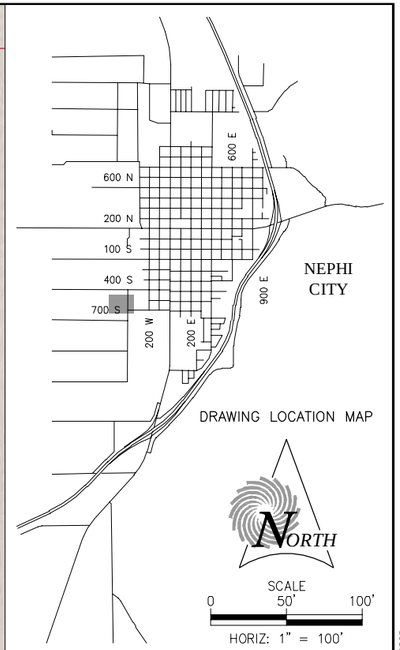
2"W

G

3/4"

1"

INSTALL 8" BEND.
& G.V. W/REQ'D



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"w —
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

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05884	JCI	CJC	RWW	113	P-16F

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MATCH DWG P-15G

MATCH DWG P-16F

MATCH DWG P-16H

MATCH DWG P-17G

Railroad

200 West St

600 South St

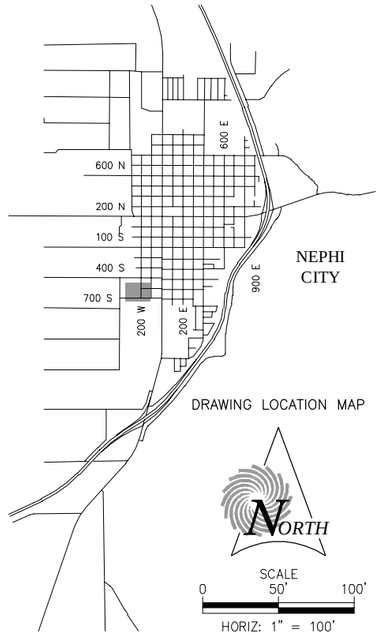
700 South St

INSTALL 8" TEE, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 4" & 8" PIPELINES

DETAIL–BORING UNDER RAILROAD (A/D5)

INSTALL 10" TEE, RED.s & G.V.s W/REQ'D

INSTALL 8" TEE & G.V.s W/REQ'D – CONNECT TO EXIST. 8" PIPELINE



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"w
- EXIST. CULINARY WATER PIPELINE — x"w
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"w
- NEW METER SETTER ASSEMBLY (E/D2)
- REPLACE EXIST. SERVICE CONNECTION (C/D2 D/D2)
- RECONNECT EXIST. SERVICE CONNECTION (A/D2 B/D2)
- NEW FIRE HYDRANT (F/D1)
- REPLACE EXIST. FIRE HYDRANT (F/D1)
- RECONNECT EXIST. FIRE HYDRANT (G/D1)
- NEW GATE VALVE (F/D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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PLAN SHEET

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05884	JCI	CJC	RWW	114	P-16G

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MATCH DWG P-15H

600 South St

INSTALL 4" G.V. W/REQ'D

INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 4" PIPELINE

INSTALL 8" CROSS, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 4" PIPELINE

INSTALL 8" TEE & G.V.s W/REQ'D

600 South St

MATCH DWG P-16G

100 West St

Main St

100 East St

MATCH DWG P-16I

INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 6" PIPELINE

INSTALL 8" TEE & G.V. W/REQ'D

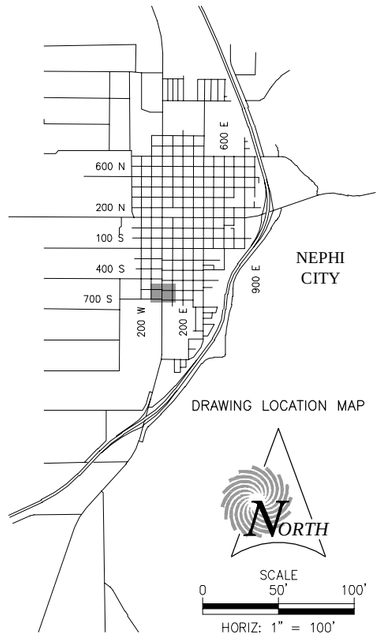
INSTALL 8" TEE & G.V.s W/REQ'D

INSTALL 8" CROSS, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 6" & 8" PIPELINES

700 South St

700 South St

MATCH DWG P-17H



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED	x"W
NEW METER SETTER ASSEMBLY	F D2
REPLACE EXIST. SERVICE CONNECTION	C D2 D D2
RECONNECT EXIST. SERVICE CONNECTION	A D2 B D2
NEW FIRE HYDRANT	F D1
REPLACE EXIST. FIRE HYDRANT	F D1
RECONNECT EXIST. FIRE HYDRANT	G D1
NEW GATE VALVE	F D2

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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CULINARY WATER IMPROVEMENTS PROJECT
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PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.
05884	JCI	CJC	RWW	115

P-16H

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MATCH DWG P-15I

MATCH DWG P-16H

MATCH DWG P-16J

MATCH DWG P-17I

600 South St

200 East St

300 East St

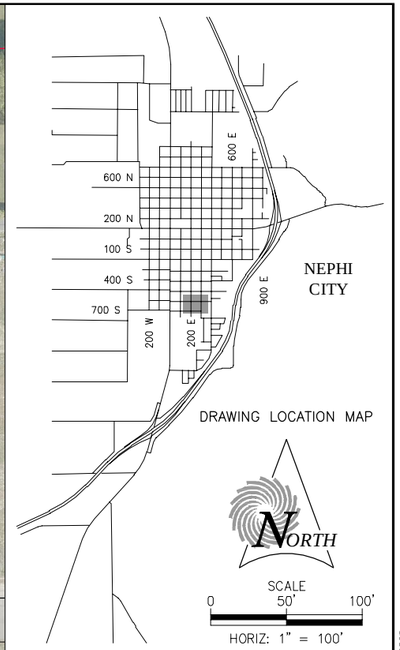
700 South St

REMOVE EXIST. FIRE HYDRANT

REMOVE EXIST. FIRE HYDRANT

INSTALL 8" CROSS, RED.s & G.V.s W/REQ'D – CONNECT TO EXIST. 6" PIPELINES

3/4"



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

LICENSED PROFESSIONAL ENGINEER
No. 375477
06/27/2018
ROBERT W. WORLEY
STATE OF UTAH

REV NO.	COMMENT	DATE
1	GENERAL REVISIONS FOR BIDS	6-21-18

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25 EAST 500 NORTH
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NEPHI CITY

CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.
05884	JCI	CJC	RWW	116

P-16I

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:17am cchristensen

MATCH DWG P-15J

MATCH DWG P-16I

MATCH DWG P-16K

MATCH DWG P-17J

570 South St

600 South

625 South St

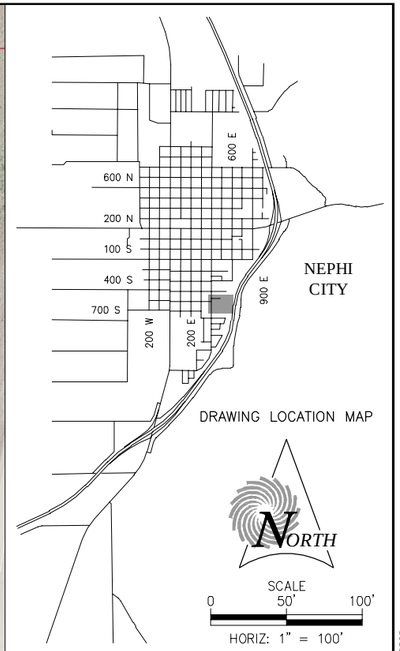
400 East St

INSTALL 12" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 12" PIPELINES

INSTALL 8" BEND, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 4" PIPELINE

REMOVE EXIST. FIRE HYDRANT

INSTALL 12" TEE, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 4" & 12" PIPELINES



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"w
- EXIST. CULINARY WATER PIPELINE — x"w
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"w
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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05884	JCI	CJC	RWW	117	P-16J

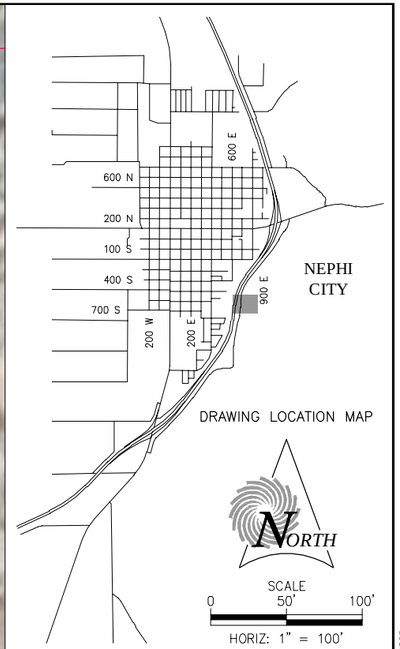
P:\Nephi\05884 Nephi Culinary Water Improvements Project – 2017\Design\dwg\niphi-P sheets.DWG Jun 27, 2018 11:17am cchristensen

MATCH DWG P-15K

MATCH DWG P-16J

15

MATCH DWG P-17K



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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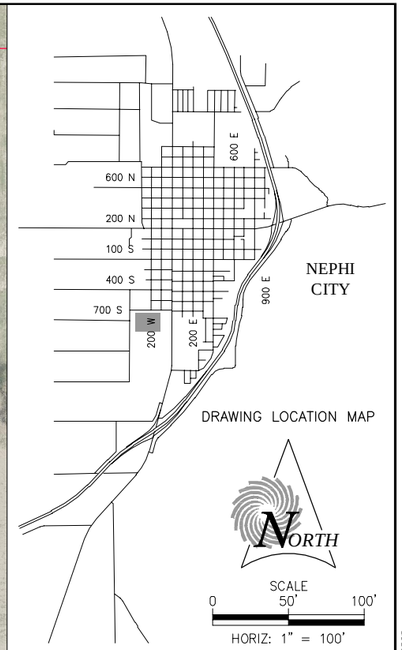
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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	118	P-16K

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DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — — — x"w — — —
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	119	P-17G

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:18am cchristensen

MATCH DWG P-16H

MATCH DWG P-17G

MATCH DWG P-17I

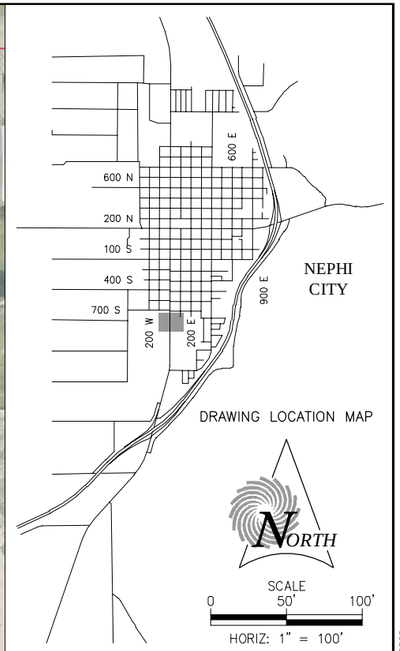
MATCH DWG P-18H

Main St

INSTALL 8" TEE & G.V. W/REQ'D – CONNECT TO EXIST. 8" PIPELINE

REMOVE EXIST. FIRE HYDRANT

INSTALL 8" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 4" SERVICE LATERAL



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (F D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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CULINARY WATER IMPROVEMENTS PROJECT
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PLAN SHEET

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05884	JCI	CJC	RWW	120	P-17H

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MATCH DWG P-16I

200 East St

300 East St

760 South St

310 East St

MATCH DWG P-17H

MATCH DWG P-17J

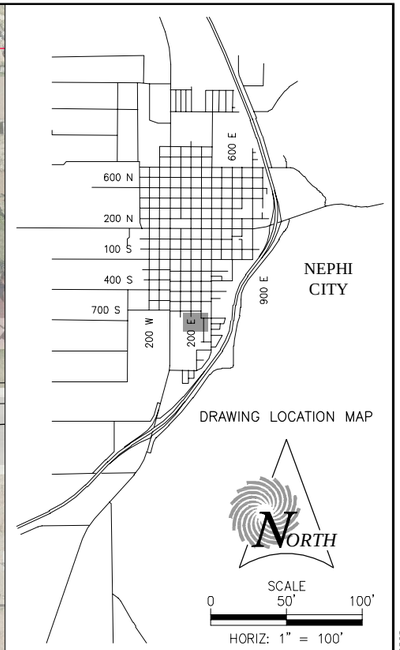
MATCH DWG P-18I

3/4"

1"

1"

INSTALL 8" TEE & G.V. W/REQ'D – HOT TAP CONNECT TO EXIST. 8" PIPELINE



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"w —
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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2018
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05884	JCI	CJC	RWW	121	P-17I

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MATCH DWG P-16J

St

760 South St

400 East St

820 South St

490 East St

880 South St

INSTALL 8" G.V. W/REQ'D

MATCH DWG P-17I

MATCH DWG P-17K

MATCH DWG P-18J

15

600 N
200 N
100 S
400 S
700 S
200 W
200 E
600 E
900 E
NEPHI CITY

DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (F D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

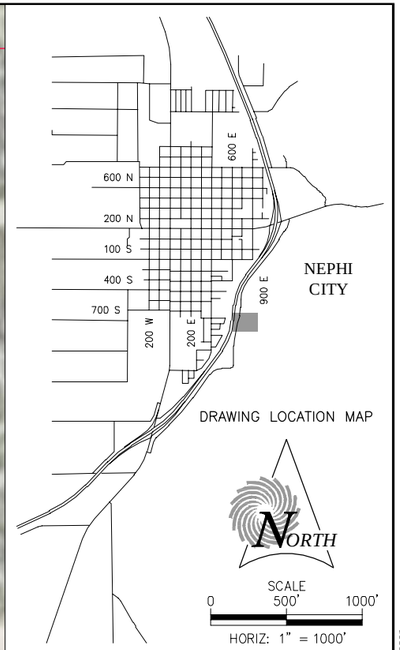
SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	122	P-17J

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MATCH DWG P-16K

MATCH DWG P-17J

MATCH DWG P-18K



DRAWING LOCATION MAP

NORTH

SCALE
0 500' 1000'
HORIZ: 1" = 1000'

NO WORK ON THIS SHEET

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No. 375477
06/27/2018
ROBERT W. WORLEY
STATE OF UTAH

REV NO.	COMMENT	DATE
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2018
PLAN SHEET

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05884	JCI	CJC	RWW	123	P-17K

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MATCH DWG P-17G

Railroad

10"W

10"W

10"W

10"W

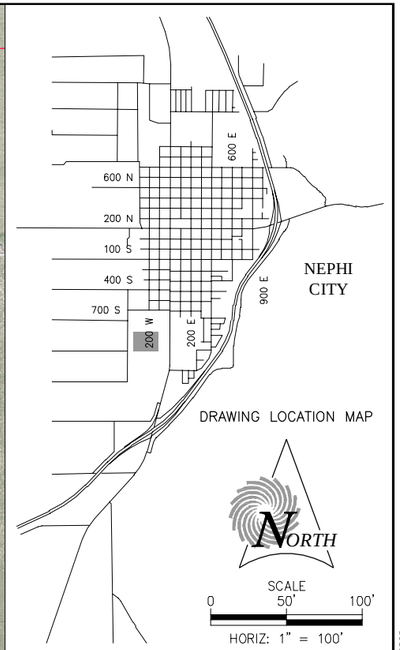
10"W

10"W

INSTALL 8" G.V. W/REQ'D

MATCH DWG P-19G

MATCH DWG P-18H



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE x"W
EXIST. CULINARY WATER PIPELINE x"W
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED x"W
NEW METER SETTER ASSEMBLY (E D2)
REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
NEW FIRE HYDRANT (F D1)
REPLACE EXIST. FIRE HYDRANT (F D1)
RECONNECT EXIST. FIRE HYDRANT (G D1)
NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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2018
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05884	JCI	CJC	RWW	124	P-18G

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MATCH DWG P-17H

MATCH DWG P-18G

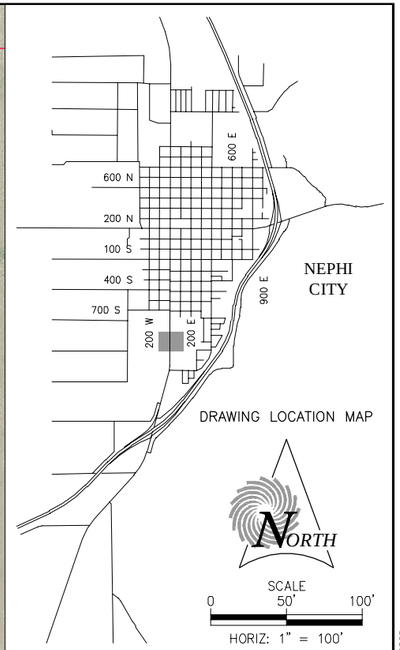
MATCH DWG P-18I

Main St

2"

INSTALL 8" G.V. – CONNECT TO EXIST. 8" PIPELINE

MATCH DWG P-19H



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W —
- EXIST. CULINARY WATER PIPELINE — x"W —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — — — x"W — — —
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	125	P-18H

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MATCH DWG P-17I

MATCH DWG P-18H

MATCH DWG P-18J

MATCH DWG P-19I

310 East St

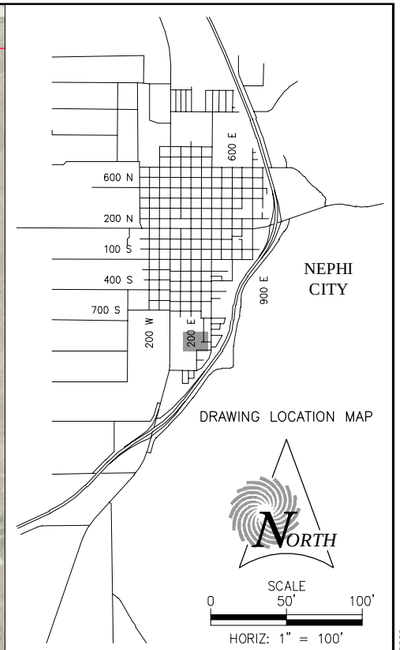
1000 South St

1100 South St

8"W

S

G



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	126	P-18I

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MATCH DWG P-17J

930 South St

480 East St

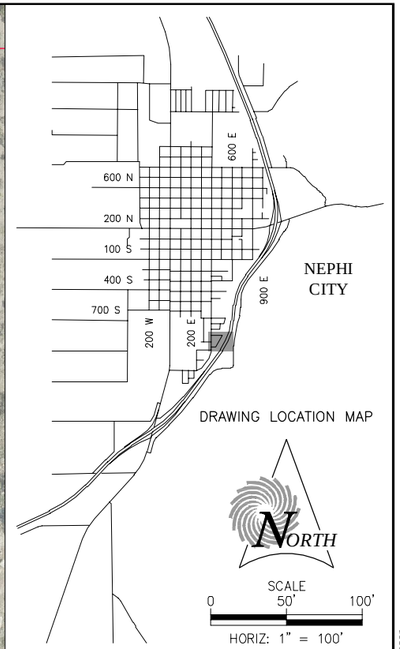
400 East St

MATCH DWG P-18I

MATCH DWG P-18K

MATCH DWG P-19J

15



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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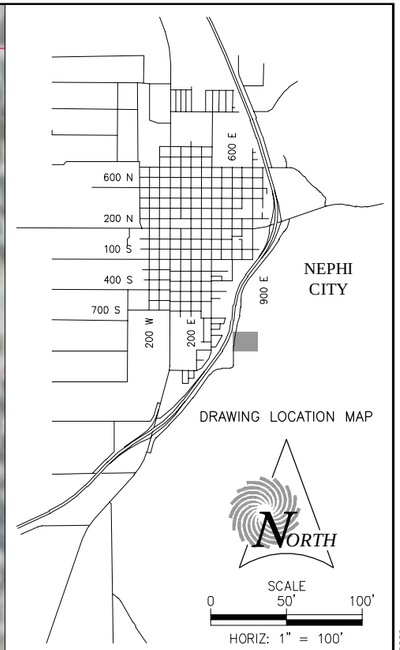
SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	127	P-18J

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MATCH DWG P-17K

MATCH DWG P-18I

Sheep Lane Rd



DRAWING LOCATION MAP

NORTH

NO WORK ON THIS SHEET

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MATCH DWG P-18G

Railroad

10"W

10"W

10"W

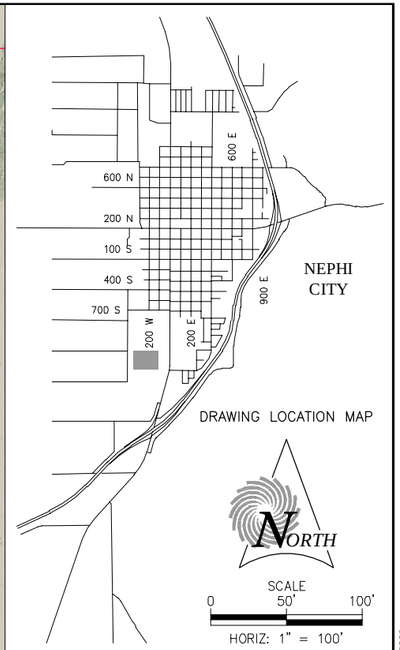
10"W

10"W

10"W

MATCH DWG P-19H

MATCH DWG P-20G



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE	x"w
EXIST. CULINARY WATER PIPELINE	x"w
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED	x"w
NEW METER SETTER ASSEMBLY (E D2)	
REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)	
RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)	
NEW FIRE HYDRANT (F D1)	
REPLACE EXIST. FIRE HYDRANT (F D1)	
RECONNECT EXIST. FIRE HYDRANT (G D1)	
NEW GATE VALVE (F D2)	

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

LICENSED PROFESSIONAL ENGINEER
No. 375477
06/27/2018
ROBERT W.
WORLEY
STATE OF UTAH

REV NO.	COMMENT	DATE
1	GENERAL REVISIONS FOR BIDS	6-21-18

SUNRISE ENGINEERING
25 EAST 500 NORTH
FILLMORE, UTAH 84631
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NEPHI CITY

CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	129	P-19G

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:43am cchristensen

MATCH DWG P-18H

MATCH DWG P-19G

MATCH DWG P-19I

MATCH DWG P-20H

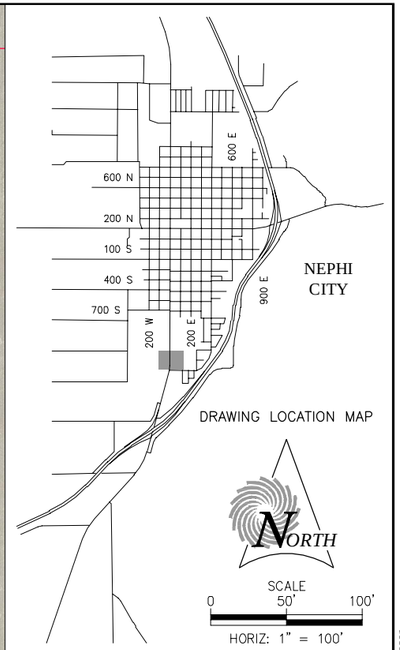
Main St

1300 South St

8"W

G

S



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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2018
PLAN SHEET

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05884	JCI	CJC	RWW	130	P-19H

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:43am cchristensen

MATCH DWG P-18I

MATCH DWG P-19H

MATCH DWG P-19J

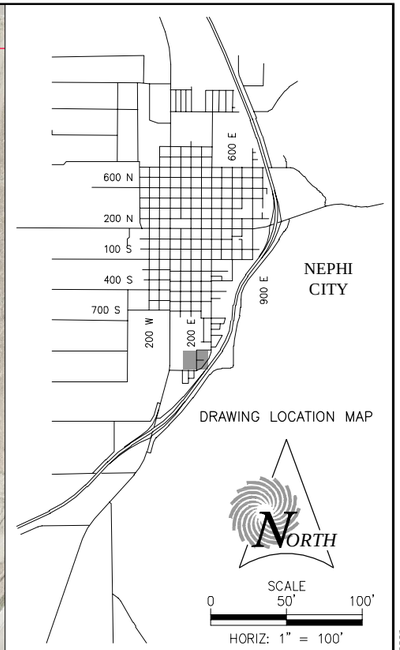
MATCH DWG P-20I

250 East St

1200 South St

400 East St

1300 South St



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	131	P-19I

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:43am cchristensen

MATCH DWG P-18J

400 East St

8"W G

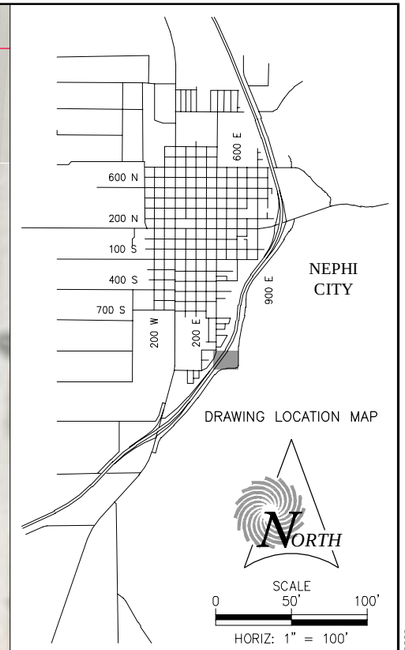
15

MATCH DWG P-19I

Sheep Lane Rd

Sheep Lane Rd

MATCH DWG P-20J



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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PLAN SHEET

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05884	JCI	CJC	RWW	132	P-19J

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:44am cchristensen

MATCH DWG P-19G

Railroad

10"W

10"W

10"W

10"W

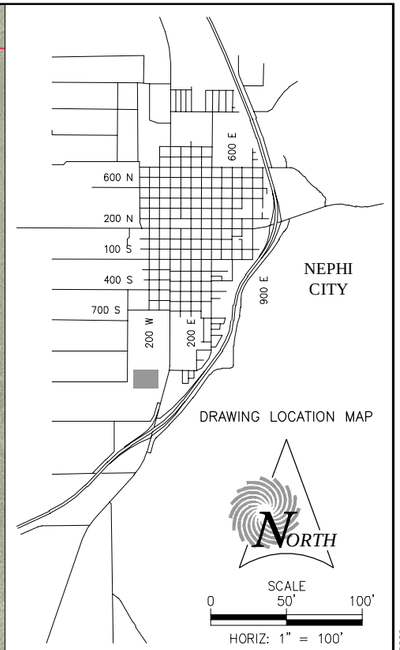
10"W

10"W

INSTALL 10" G.V. W/REQ'D

MATCH DWG P-20H

MATCH DWG P-21G



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE	x"w
EXIST. CULINARY WATER PIPELINE	x"w
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED	x"w
NEW METER SETTER ASSEMBLY (E D2)	
REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)	
RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)	
NEW FIRE HYDRANT (F D1)	
REPLACE EXIST. FIRE HYDRANT (F D1)	
RECONNECT EXIST. FIRE HYDRANT (G D1)	
NEW GATE VALVE (F D2)	

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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2018
PLAN SHEET

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05884	JCI	CJC	RWW	133	P-20G

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:44am cchristensen

MATCH DWG P-19H

1300 South St

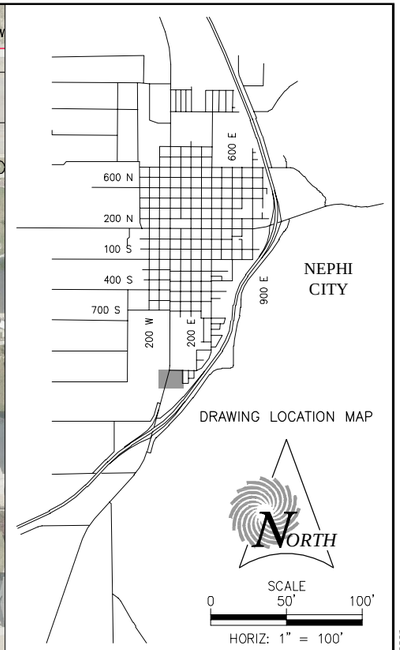
Main St

150 East St

MATCH DWG P-20G

MATCH DWG P-20I

MATCH DWG P-21H



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SET NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	134	P-20H

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:44am cchristensen

MATCH DWG P-19I

1300 South St

150 East St

200 East St

230 East St

1370 South St

1430 South St

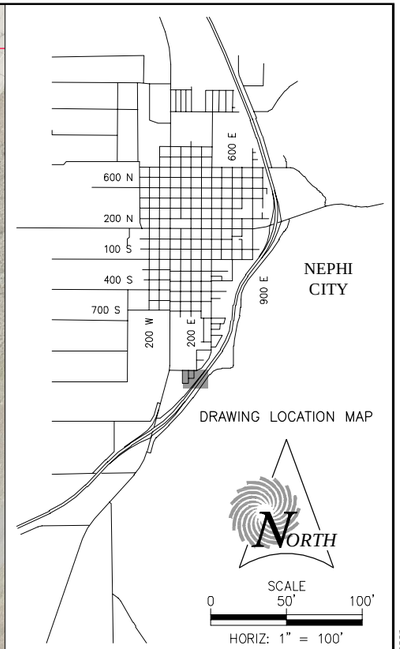
MATCH DWG P-20H

MATCH DWG P-20J

Sheep Lane Rd

15

MATCH DWG P-21I



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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2018
PLAN SHEET

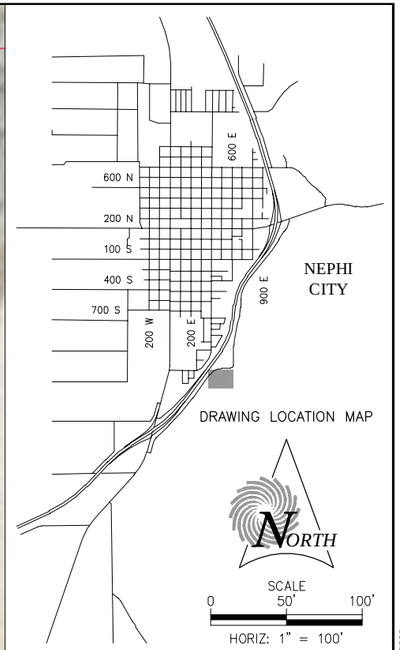
SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	135	P-20I

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:45am cchristensen

MATCH DWG P-19J

Sheep Lane Rd

MATCH DWG P-20I



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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06/27/2018
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2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	136	P-20J

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:45am cchristensen

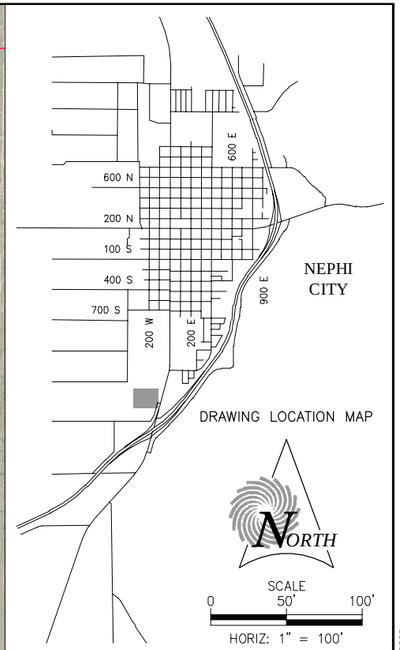
MATCH DWG P-20G

Railroad

10"W

MATCH DWG P-21H

MATCH DWG P-22G



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED	x"W
NEW METER SETTER ASSEMBLY (E D2)	
REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)	
RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)	
NEW FIRE HYDRANT (F D1)	
REPLACE EXIST. FIRE HYDRANT (F D1)	
RECONNECT EXIST. FIRE HYDRANT (G D1)	
NEW GATE VALVE (F D2)	

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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STATE OF UTAH

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	137	P-21G

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:46am cchristensen

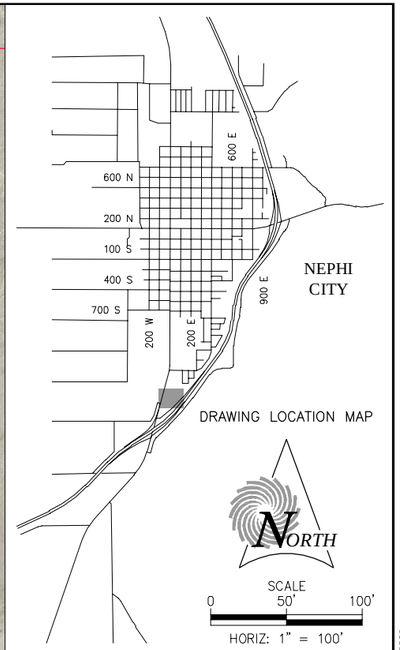
MATCH DWG P-20H

MATCH DWG P-21G

MATCH DWG P-21I

MATCH DWG P-22H

Main St



NO WORK ON THIS SHEET

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06/27/2018
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2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	138	P-21H

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:46am cchristensen

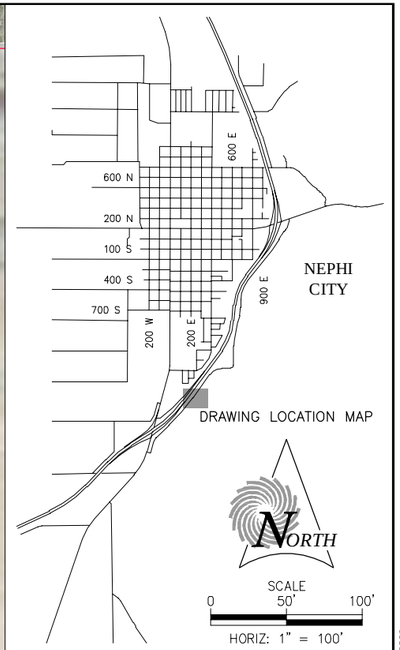
MATCH DWG P-20I

MATCH DWG P-21H

15

Sheep Lane Rd

MATCH DWG P-22I



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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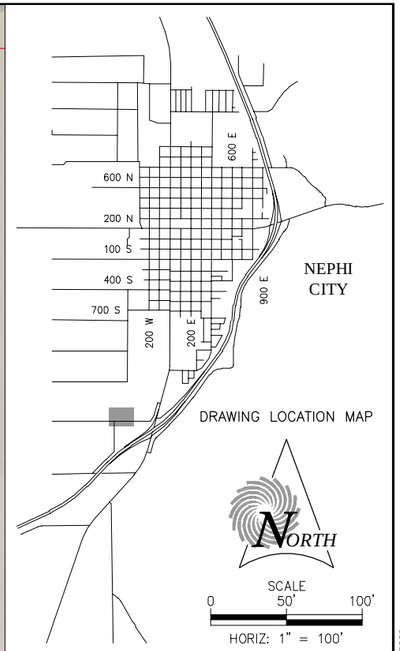
NEPHI CITY

CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	139	P-21I

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DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — — — x"w — — —
- NEW METER SETTER ASSEMBLY (E/D2)
- REPLACE EXIST. SERVICE CONNECTION (C/D2)(D/D2)
- RECONNECT EXIST. SERVICE CONNECTION (A/D2)(B/D2)
- NEW FIRE HYDRANT (F/D1)
- REPLACE EXIST. FIRE HYDRANT (F/D1)
- RECONNECT EXIST. FIRE HYDRANT (G/D1)
- NEW GATE VALVE (F/D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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STATE OF UTAH

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.	
05884	JCI	CJC	RWW	140	P-22F

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:47am cchristensen

MATCH DWG P-21G

MATCH DWG P-22F

MATCH DWG P-22H

MATCH DWG P-23G

Railroad

Orgill Rd

Main St

10"W

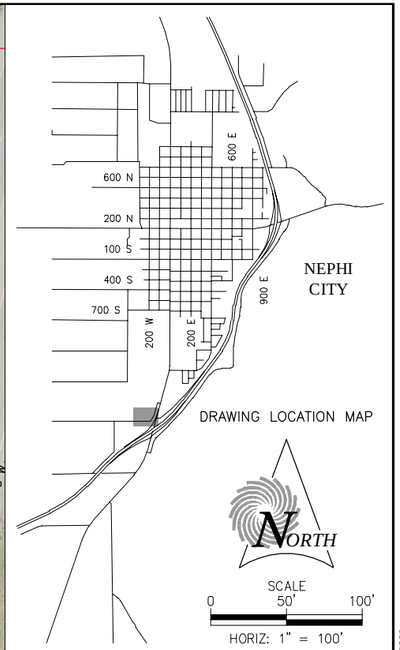
8"W

G

S

INSTALL 10" BEND & G.V. W/REQ'D

DETAIL–BORING UNDER RAILROAD (A/D5)



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — — — x"w — — —
- NEW METER SETTER ASSEMBLY (E/D2)
- REPLACE EXIST. SERVICE CONNECTION (C/D2) (D/D2)
- RECONNECT EXIST. SERVICE CONNECTION (A/D2) (B/D2)
- NEW FIRE HYDRANT (F/D1)
- REPLACE EXIST. FIRE HYDRANT (F/D1)
- RECONNECT EXIST. FIRE HYDRANT (G/D1)
- NEW GATE VALVE (F/D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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MATCH DWG P-21H

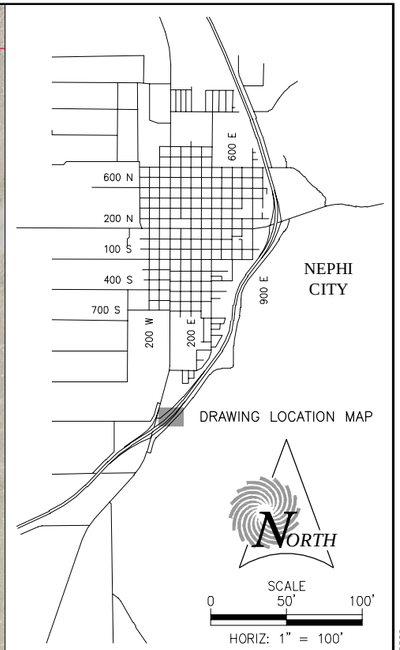
MATCH DWG P-22G

MATCH DWG P-22I

MATCH DWG P-23H

8"W

Sheep Lane Rd



NO WORK ON THIS SHEET

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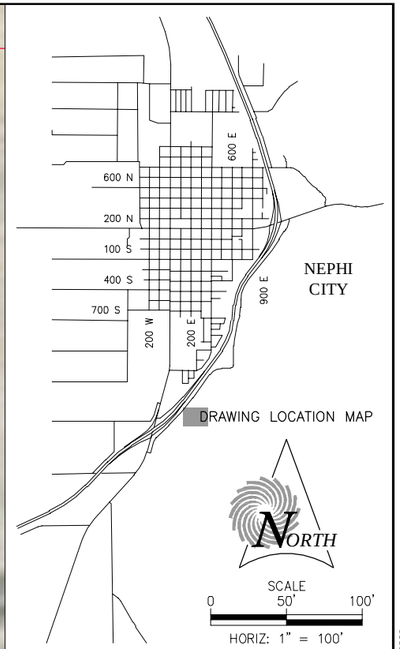
SEI NO.	DESIGNED	DRAWN	CHECKED	SHEET NO.
05884	JCI	CJC	RWW	142

P-22H

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:48am cchristensen

MATCH DWG P-21I

MATCH DWG P-22H



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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05884	JCI	CJC	RWW	143	P-22I

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:48am cchristensen

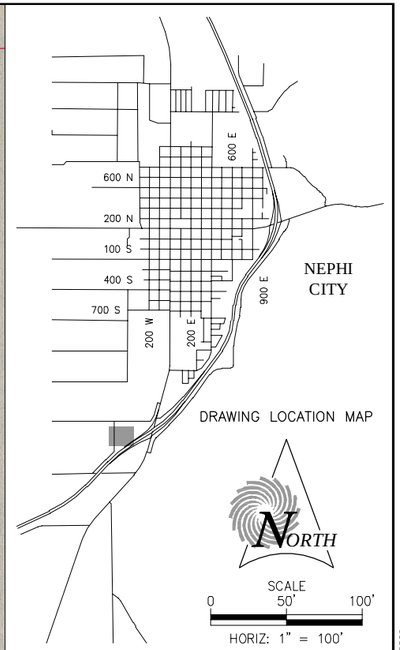
MATCH DWG P-22F

Orgill Rd

10"W

MATCH DWG P-23G

MATCH DWG P-24F



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE x"w
EXIST. CULINARY WATER PIPELINE x"w
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED x"w
NEW METER SETTER ASSEMBLY (E D2)
REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
NEW FIRE HYDRANT (F D1)
REPLACE EXIST. FIRE HYDRANT (F D1)
RECONNECT EXIST. FIRE HYDRANT (G D1)
NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

LICENSED PROFESSIONAL ENGINEER
No. 375477
06/27/2018
ROBERT W.
WORLEY
STATE OF UTAH

REV NO.	COMMENT	DATE
1	GENERAL REVISIONS FOR BIDS	6-21-18

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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

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05884	JCI	CJC	RWW	144	P-23F

P:\Nephi\05884 Nephi Culinary Water Improvements Project - 2017\Design\dwg\nphi-P sheets.DWG Jun 27, 2018 11:23am cchristensen

MATCH DWG P-22G

MATCH DWG P-23F

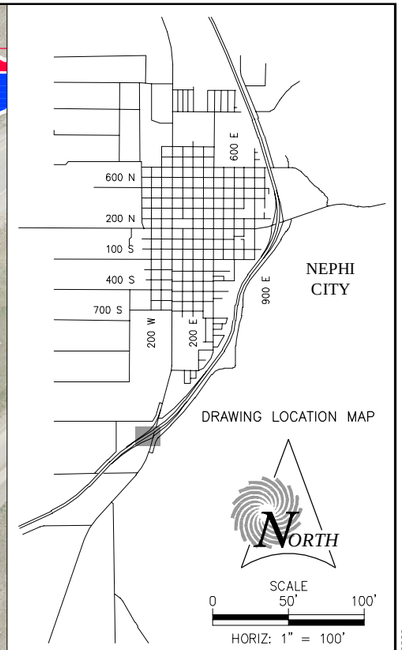
MATCH DWG P-23H

MATCH DWG P-24G

Railroad

SR-28

15



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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ROBERT W. WORLEY
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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

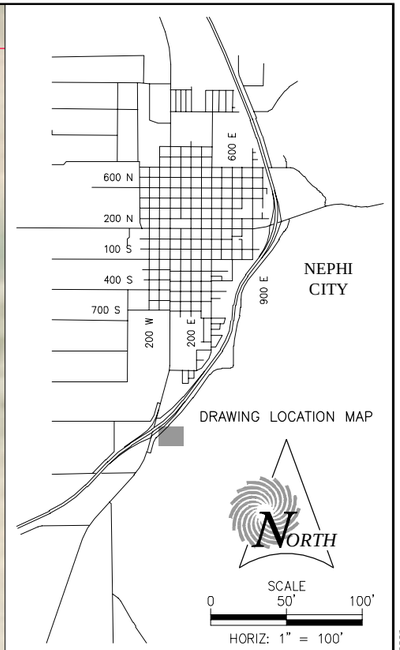
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05884	JCI	CJC	RWW	145	P-23G

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MATCH DWG P-22H

MATCH DWG P-23G

MATCH DWG P-24H



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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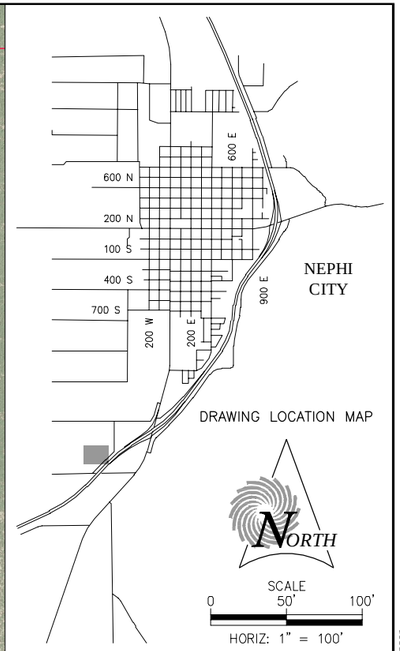
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CULINARY WATER IMPROVEMENTS PROJECT
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05884	JCI	CJC	RWW	146	P-23H

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DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE — x"w —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — — — x"w — — —
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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MATCH DWG P-23F

MATCH DWG P-24E

MATCH DWG P-24G

MATCH DWG P-25F

Orgill Rd

Railroad

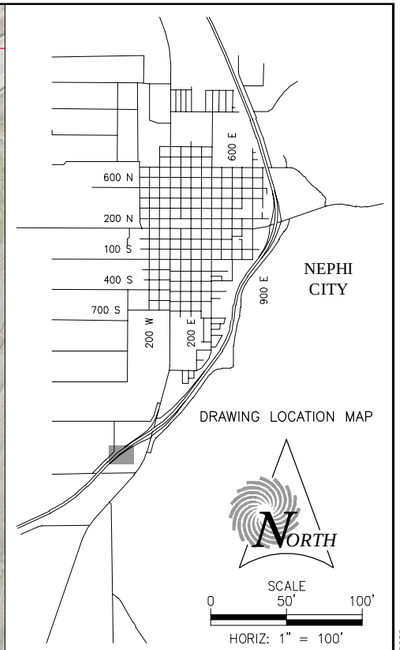
INSTALL 10" BEND & G.V. W/REQ'D

10"W

G

S

15



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED	x"W
NEW METER SETTER ASSEMBLY	F D2
REPLACE EXIST. SERVICE CONNECTION	C D2 D2
RECONNECT EXIST. SERVICE CONNECTION	A D2 B D2
NEW FIRE HYDRANT	F D1
REPLACE EXIST. FIRE HYDRANT	F D1
RECONNECT EXIST. FIRE HYDRANT	G D1
NEW GATE VALVE	F D2

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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P-24F

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MATCH DWG P-23G

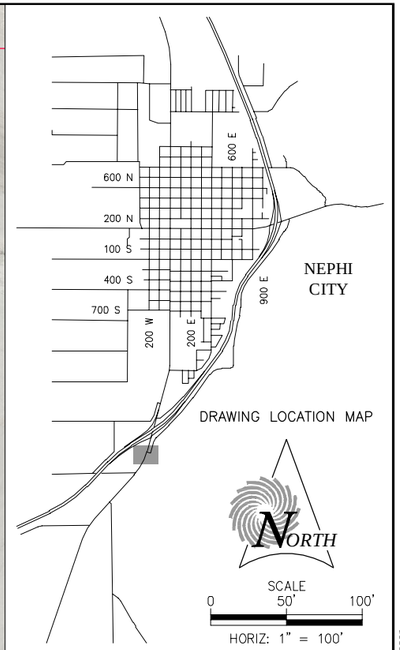
MATCH DWG P-24F

MATCH DWG P-24H

MATCH DWG P-25G

Railroad

SR-28



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

LICENSED PROFESSIONAL ENGINEER
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ROBERT W. WORLEY
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CULINARY WATER IMPROVEMENTS PROJECT
2018
PLAN SHEET

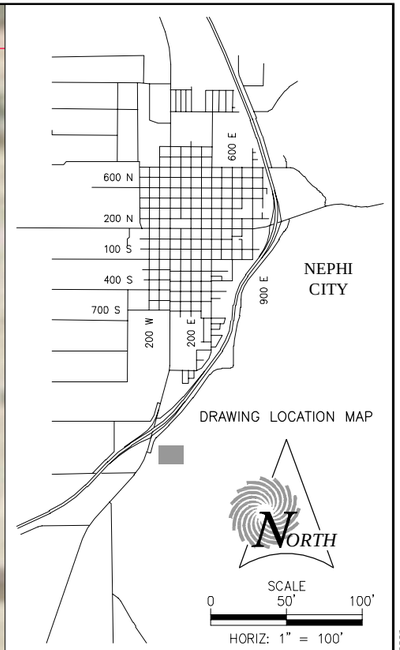
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05884	JCI	CJC	RWW	149

P-24G

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MATCH DWG P-23H

MATCH DWG P-24G



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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05884	JCI	CJC	RWW	150

P-24H

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MATCH DWG P-24E

Orgill Rd

Sheep Lane Rd

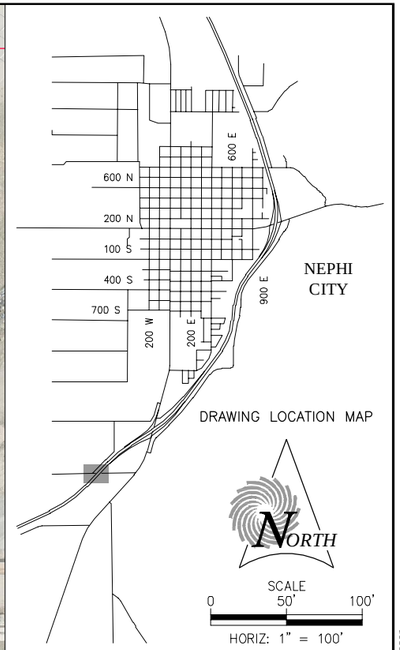
INSTALL 12" BENDs, RED. & G.V. W/REQ'D

INSTALL 12" BEND W/REQ'D

Railroad

MATCH DWG P-26F

MATCH DWG P-26E



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

NEW CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE	x"W
EXIST. CULINARY WATER PIPELINE TO BE ABANDONED	x"W
NEW METER SETTER ASSEMBLY (E D2)	
REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)	
RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)	
NEW FIRE HYDRANT (F D1)	
REPLACE EXIST. FIRE HYDRANT (F D1)	
RECONNECT EXIST. FIRE HYDRANT (G D1)	
NEW GATE VALVE (F D2)	

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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P-25E

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MATCH DWG P-24F

Railroad

DETAIL–BORING UNDER RAILROAD (A D5)

INSTALL 10" WYE, RED. & G.V. W/REQ'D

INSTALL 10" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 6" PIPELINE

Sheep Lane Rd

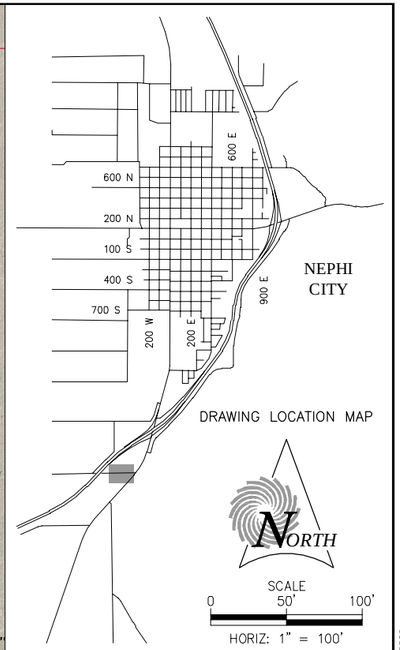
425 West St

SR-28

MATCH DWG P-25E

MATCH DWG P-25G

MATCH DWG P-26F



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W —
- EXIST. CULINARY WATER PIPELINE — x"W —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — — — x"W — — —
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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05884	JCI	CJC	RWW	152

P-25F

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MATCH DWG P-24G

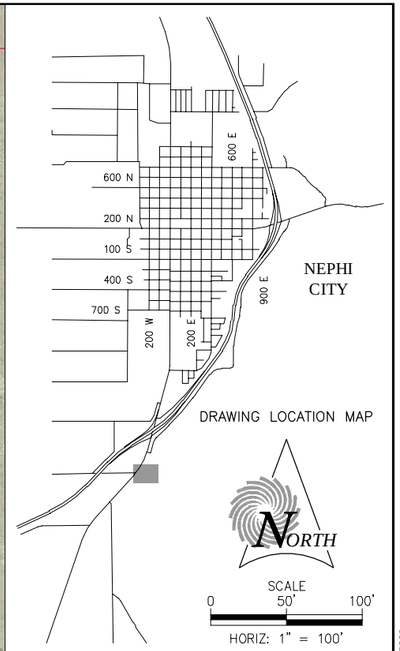
MATCH DWG P-25F

SR-28

INSTALL 10" BENDs W/REQ'D

INSTALL 12" TEE, RED. & G.V. W/REQ'D – CONNECT TO EXIST. 8" & 12" PIPELINES

INSTALL 10" WYE, RED. & G.V.s W/REQ'D – CONNECT TO EXIST. 6" PIPELINE



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE — x"W
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — x"W
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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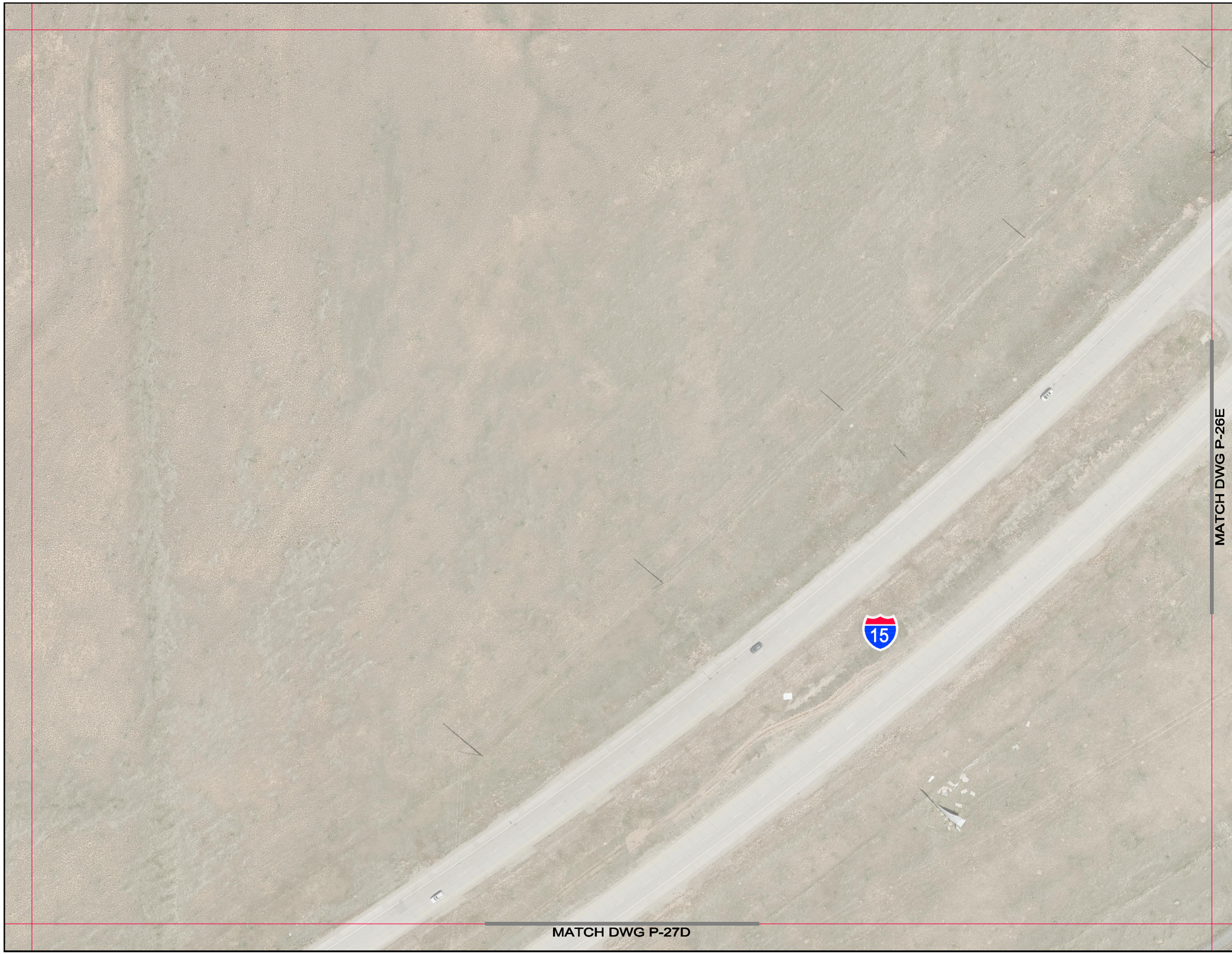
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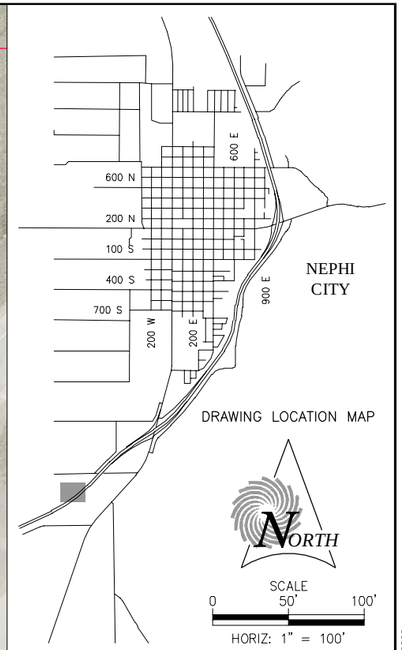
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2018
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P-25G

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MATCH DWG P-25E

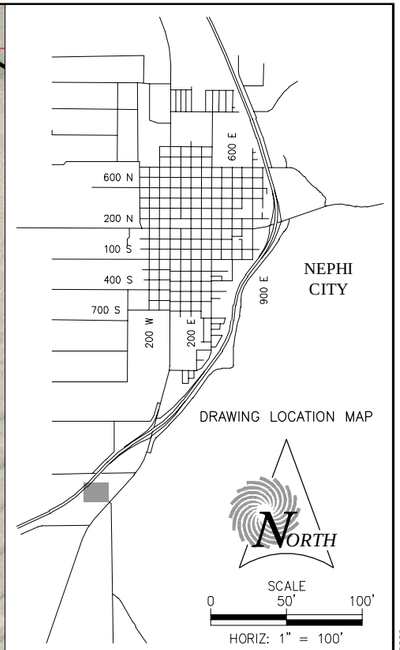
MATCH DWG P-26D

MATCH DWG P-26F

MATCH DWG P-27E

15

Railroad



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

NO WORK ON THIS SHEET

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MATCH DWG P-25F

MATCH DWG P-26E

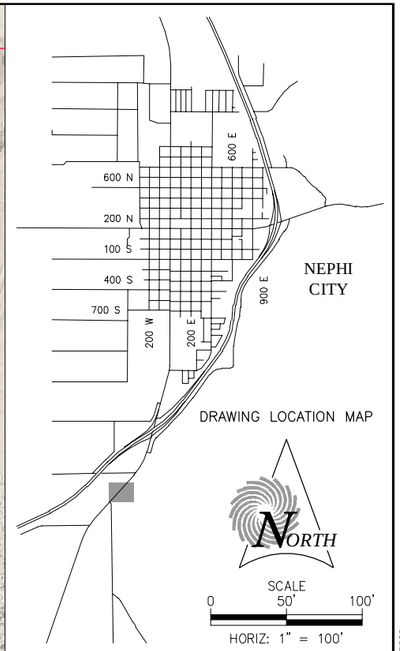
MATCH DWG P-27F

SR-28

INSTALL 12" BEND W/REQ'D

INSTALL 12" TEE & G.V.s W/REQ'D – CONNECT TO EXIST. 12" PIPELINES

INSTALL 16" TEE & RED.S W/REQ'D – CONNECT TO EXIST. 12" PIPELINES



DRAWING LOCATION MAP

NORTH

SCALE
0 50' 100'
HORIZ: 1" = 100'

LEGEND

- NEW CULINARY WATER PIPELINE — x"W —
- EXIST. CULINARY WATER PIPELINE — x"W —
- EXIST. CULINARY WATER PIPELINE TO BE ABANDONED — — — x"W — — —
- NEW METER SETTER ASSEMBLY (E D2)
- REPLACE EXIST. SERVICE CONNECTION (C D2) (D D2)
- RECONNECT EXIST. SERVICE CONNECTION (A D2) (B D2)
- NEW FIRE HYDRANT (F D1)
- REPLACE EXIST. FIRE HYDRANT (F D1)
- RECONNECT EXIST. FIRE HYDRANT (G D1)
- NEW GATE VALVE (F D2)

NOTE: SEE DWG G3 FOR COMPLETE LEGEND

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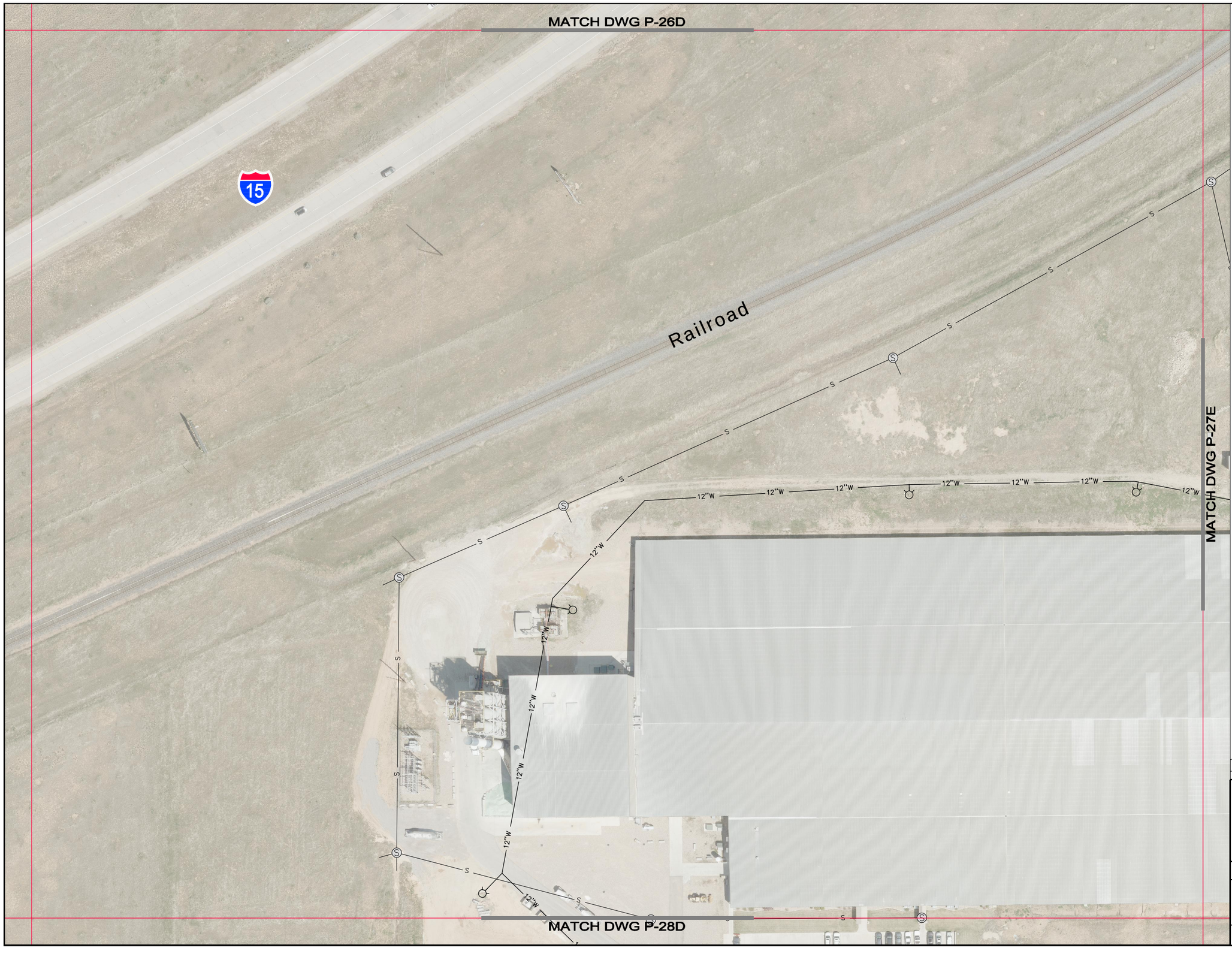
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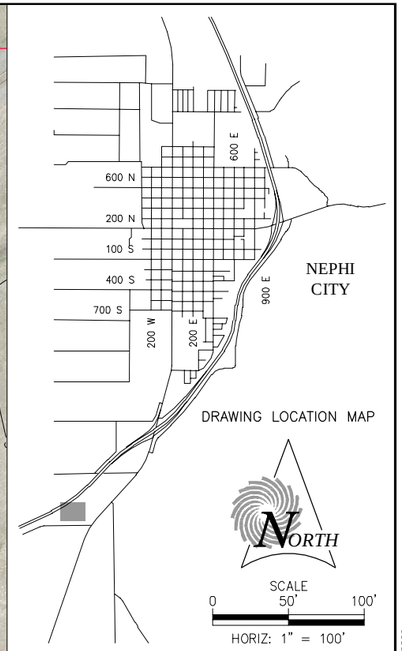
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05884	JCI	CJC	RWW	156

P-26F

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MATCH DWG P-26D





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2018
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