ADDENDUM NO. 1

EXECUTIVE ORDER NO. 78954
SPEC. NO. 07-193

TO ALL PROSPECTIVE BIDDERS:

SUBJECT: Waterford Estates 98th Street
Water Main Extension
Lincoln, NE

Plans – Sheets 2, 11, & 20 to be modified as follows:

Delete sheets 2, 11 & 20 in their entirety and replace with revised sheets 2, 11 and 20. Sheets have been revised to change the size of water main on Boathouse Drive from 6" to 12". See sheets for descriptions of changed items.

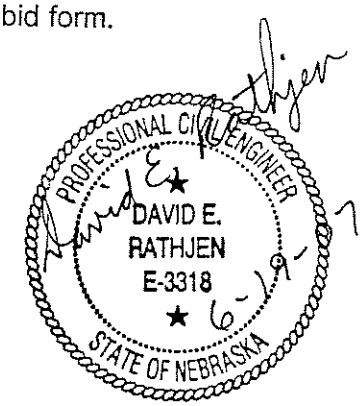
Special Provisions to the General Conditions & Requirements of City of Lincoln Standard Specifications, Page 00800-7, Article VII. Prosecution & Progress of Work, Item K. Schedule Phasing Requirements, Paragraph 2 to be modified as follows:

Paragraph 2 to be deleted in its entirety and replace with the following:

The triple box culvert located at approximately Station 95+63 is scheduled to be completed between September 1, 2007 and September 15, 2007. Contractor shall monitor the progress of the triple box culvert and start construction immediately upon its completion. Water main, fittings, hydrants and related appurtenances between Stations 95+00 and 104+00 shall be installed, backfilled and pressure tested within two weeks after the triple box culvert has been completed. Water main, fittings, hydrants and related appurtenances between Stations 50+00 and 72+00 shall be installed, backfilled, and pressure tested after the box culvert at approximately Station 71+15 has been completed and by the Substantial Completion date for the project. The box culvert at Station 71+15 is scheduled for completion on October 1, 2007. Final flushing and disinfection will be required to be completed no later than 30 days following completion of the Holdrege Street Water Main project.

Bid Form to be modified as follows:

The bid form is to be deleted in its entirety and replaced with the revised bid form.



City of Lincoln

Project Item Schedule

78954

Description: Waterford Estates 98th Street
Location:
Work Type: WATER MAIN
Road Type: RESIDENTIAL
Bid opening Date: 06/27/2007 AT 12:00 pm.

Project Items

Item Number		Quantity	Unit	Unit Price	Extension
	Section: 1 Miscellaneous				
0.4000	Mobilization	1.000	LS	$	$
15.0001	Traffic Ctrl for Const	1.000	LS	$	$
				Section 1 Total:	$
	Section: 2 Water Main				
20.0194	Boring for 16" Water Main	30.000	LF	$	$
23.0005	16" Water Main	5,400.000	LF	$	$
23.0006	12" Water Main	662.000	LF	$	$
23.0008	6" Water Main	409.000	LF	$	$
23.0420	16" Butterfly Valve, MJ	8.000	EA	$	$
23.0460	6" Gate Valve, MJ	26.000	EA	$	$

Item Number	Quantity	Unit	Unit Price	Extension
23.0490 Hydrant, Cmpl L=5.5'	1.000	EA	$	$
23.0492 Hydrant, Cmpl L=6.5'	20.000	EA	$	$
23.0510 12" Retainer Glands, MJ	8.000	EA	$	$
23.0530 6" Retainer Glands, MJ	6.000	EA	$	$
23.0558 16" X 11.25 Deg Bend, MJ	2.000	EA	$	$
23.0576 16" X 6" Tee, MJ	14.000	EA	$	$
23.0580 12" X 6" Tee, MJ	5.000	EA	$	$
23.0582 6" X 6" Tee, MJ	5.000	EA	$	$
23.0592 6" Anchoring Elbow, MJ	20.000	EA	$	$
23.0594 6" Anchoring Coupling, MJ (L=18")	21.000	EA	$	$
23.0606 16" X 12" Cross, MJ	3.000	EA	$	$
23.0622 16" X 6" Reducer, MJ	1.000	EA	$	$
23.0624 12" X 6" Reducer, MJ	1.000	EA	$	$
23.0646 16" Solid Sleeve, MJ (L=15")	1.000	EA	$	$

PROJ: 20456
PEN: 98chmain_label.tbl
USER: JRM
DATE: 6/14/2007
DGN: I:\projects\20061462\design\sheets\water main...

LEGEND – SURVEY (UTILITIES)

- ELECTRIC MANHOLE
- ELECTRIC METER
- ELECTRICAL RISER
- GAS BLOW OFF
- GAS METER
- GAS VALVE
- GUY POLE
- GUY ANCHOR
- LIGHT POLE
- MONITORING WELL
- ORNAMENTAL LIGHT
- PULL BOX
- SPRINKLER CONTROL BOX
- SPRINKLER HEAD
- STORM DRAINAGE FLARED END SECTION
- STORM DRAINAGE GRATE INLET
- STORM DRAINAGE CURB INLET
- STORM DRAINAGE MANHOLE
- TELEPHONE BOX
- TELEPHONE PULL BOX
- TELEVISION/CABLE RISER BOX
- TRAFFIC SIGNAL
- TRAFFIC CONTROL BOX
- UTILITY POLE
- WASTE WATER MANHOLE
- WATER HYDRANT
- WATER BLOW OFF
- WATER MANHOLE
- WATER PRIVATE WELL
- WATER STOP BOX
- WATER VALVE
- WATER YARD HYDRANT
- 30" RCP — STORM DRAINAGE
- 24" WASTE WATER — WASTE WATER
- 8" WATER — WATER

LEGEND – SURVEY (NON SURVEYED UTILITIES)

- GAS LINE
- ELECTRICAL SERVICE
- ELECTRICAL SERVICE OVERHEAD
- 8" WASTE WATER
- 8" RCP STORM DRAINAGE
- 8" WATER
- TELEPHONE LINE
- TELEPHONE LINE OVERHEAD
- FIBER OPTIC TELE LINE
- TELEVISION/CABLE TV LINE
- TELEVISION/CABLE TV LINE OVERHEAD
- TRAFFIC SIGNAL

LEGEND – SURVEY (MISC.)

- BENCH MARK
- BORING
- 48" FENCE — FENCE – R.O.W. OR WIRE
- 36" FENCE — FENCE – CHAIN LINK
- 60" FENCE — FENCE – PICKET, PRIVACY OR SPLIT RAIL
- FLOWLINE
- GUARDRAIL
- HEAD STONE
- MAILBOX
- RAILROAD CROSSING SIGNAL
- RAILROAD SWITCH
- RAILROAD TRACKS
- 6' BLOCK WALL — RETAINING WALL
- SIGN
- WATER EDGE

LEGEND – SURVEY (LANDSCAPE)

- BUSH – CONIFEROUS
- BUSH – DECIDUOUS
- BUSH – CONIFEROUS BUSH ROW
- BUSH – DECIDUOUS BUSH ROW
- STUMP – < 12"
- STUMP – 12" TO 23"
- STUMP – 24" TO 35"
- STUMP – > 36"
- TREE – CONIFEROUS MASS PERIMETER
- TREE – CONIFEROUS < 12"
- TREE – CONIFEROUS 12" TO 23"
- TREE – CONIFEROUS 24" TO 35"
- TREE – CONIFEROUS > 36"
- TREE – CONIFEROUS TREE LINE
- TREE – DECIDUOUS MASS PERIMETER
- TREE – DECIDUOUS < 12"
- TREE – DECIDUOUS 12" TO 23"
- TREE – DECIDUOUS 24" TO 36"
- TREE – DECIDUOUS > 36"
- TREE – DECIDUOUS TREE LINE
- TREE REMOVAL

LEGEND – EROSION & SEDIMENT CONTROL

- SYNTHETIC FABRIC SILT FENCE
- SEEDING, TYPE 'D'
- SEEDING, TYPE 'F'
- SODDING
- EROSION CONTROL MAT – STRAW
- EROSION CONTROL MAT – SYNTHETIC
- EROSION CONTROL MAT – BLEND

LEGEND – RIGHT–OF–WAY

- LOT CORNER
- RIGHT–OF–WAY
- EXISTING CONTROL ACCESS
- EXISTING PERMANENT EASEMENT
- EXISTING ROW
- PROPERTY LINE
- PROPOSED PERMANENT EASEMENT
- PROPOSED ROW
- PROPOSED TEMPORARY EASEMENT
- EXISTING PERMANENT EASEMENT
- PERMANENT EASEMENT
- R.O.W. TAKING
- TEMPORARY EASEMENT

LEGEND – PROPOSED (MISC.)

- PROPOSED LOC – CUT
- PROPOSED LOC – FILL
- PROPOSED RETAINING WALL
- ASPHALT SURFACE
- CONCRETE BIKEWAY
- CONCRETE DRIVEWAY
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- CRUSHED ROCK SURFACING
- EARTH
- RIP RAP
- TACK ON MEDIAN

GENERAL NOTES:

ALL SURVEY WAS DONE BY ELECTRONIC INSTRUMENT. ALL ELEVATIONS SHOWN ARE U.S.C.&G.S.

CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF EXISTING WATER MAINS PRIOR TO CONSTRUCTION.

TREES TO BE REMOVED ONLY UPON APPROVAL OF THE FIELD ENGINEER.

2006 LINCOLN STANDARD PLANS SHALL BE USED WHERE APPLICABLE. LSP–185, LSP–320, LSP–330, LSP–340.

TWO LANE TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON HOLDREGE STREET.

ALL LINE VALVES AND REDUCERS FOR PVC WATER MAINS SHALL BE RESTRAINED AS PER LSP–340 (SUBSIDIARY).

ALL FITTINGS SHALL BE DUCTILE IRON. ALL FITTINGS AND ALL DUCTILE IRON PIPE SHALL BE POLYWRAPPED (SEE CITY OF LINCOLN STANDARD SPECIFICATIONS).

OLSSON ASSOCIATES
20061462

EXECUTIVE ORDER NO.	SHEET NO.
78954	2
Date: 6/14/2007	Drawn: JRM
Horz. Scale 1 : 40	Checked: OMK
	Approved: JBD

T.C. NO.: 801618

QUANTITIES

MISCELLANEOUS ITEMS

ITEM ID	ITEM DESCRIPTION	QUANTITY	UNIT
0.4000	MOBILIZATION	1	LS
15.0001	TRAFFIC CNTRL FOR CONST	1	LS

WATER MAIN ITEMS

ITEM ID	ITEM DESCRIPTION	QUANTITY	UNIT
20.0194	BORING FOR 16" WATER MAIN	30.0	LF
23.0005	16" WATER MAIN	5400.0	LF
23.0006	12" WATER MAIN	~~357.0~~ 662.0	LF
23.0008	6" WATER MAIN	~~714.0~~ 409.0	LF
23.0420	16" BUTTERFLY VALVE, M.J.	8	EA
50.0001	12" GATE VALVE, M.J.	~~3~~ 5	EA
23.0460	6" GATE VALVE, M.J.	~~28~~ 26	EA
23.0490	HYDRANT, CMPL (L=5.5')	1	EA
23.0492	HYDRANT, CMPL (L=6.5')	20	EA
23.0510	12" RETAINER GLANDS, M.J.	~~5~~ 8	EA
23.0530	6" RETAINER GLANDS, M.J.	~~9~~ 6	EA
23.0558	16" x 11.25 DEG BEND, M.J.	~~2~~	EA
~~23.0562~~ 23.0560	12" ~~6"~~ x 11.25 DEG BEND, M.J.	2	EA
23.0576	16" x 6" TEE, M.J.	14	EA
23.0580	12" x 6" TEE, M.J.	~~3~~ 5	EA
23.0582	6" x 6" TEE, M.J.	~~7~~ 5	EA
23.0592	6" ANCHORING ELBOW, M.J.	20	EA
23.0594	6" ANCHORING COUPLING, M.J. (L=18")	21	EA
23.0606	16" x 12" CROSS, M.J.	~~2~~ 3	EA
~~23.0608~~	~~16" x 6" CROSS, M.J.~~	~~1~~	~~EA~~
23.0622	16" x 6" REDUCER, M.J.	1	EA
23.0624	12" x 6" REDUCER, M.J.	1	EA
23.0646	16" SOLID SLEEVE, M.J. (L=15")	1	EA
23.0648	12" SOLID SLEEVE, M.J. (L=12")	~~3~~ 5	EA
23.0650	6" SOLID SLEEVE, M.J. (L=12")	~~7~~ 5	EA
23.0658	16" PLUG, M.J.	1	EA
23.0660	12" PLUG, M.J.	~~3~~ 5	EA
23.0662	6" PLUG, M.J.	~~7~~ 5	EA
23.0665	CONC FOR THRUST BLOCKS & ANCHORAGES (IN PLACE)	19.9	CY
23.0670	REINF STL FOR THRUST BLKS & ANCHORAGES	~~321.0~~ 854.3	LBS

EROSION CONTROL ITEMS

ITEM ID	ITEM DESCRIPTION	QUANTITY	UNIT
30.0140	SEEDING, TYPE 'F'	0.01	AC

R/1

R/1 6-14-07 REVISIONS:
CHANGE FROM 6" TO 12" MAIN
UPDATED VERTICAL ALIGNMENT
UPDATED QUANTITIES

PROFESSIONAL CIVIL ENGINEER
JOHN B. DAY
E–10648
STATE OF NEBRASKA

GENERAL NOTES AND LEGEND

117–D–31

T.C. NO.: 801618

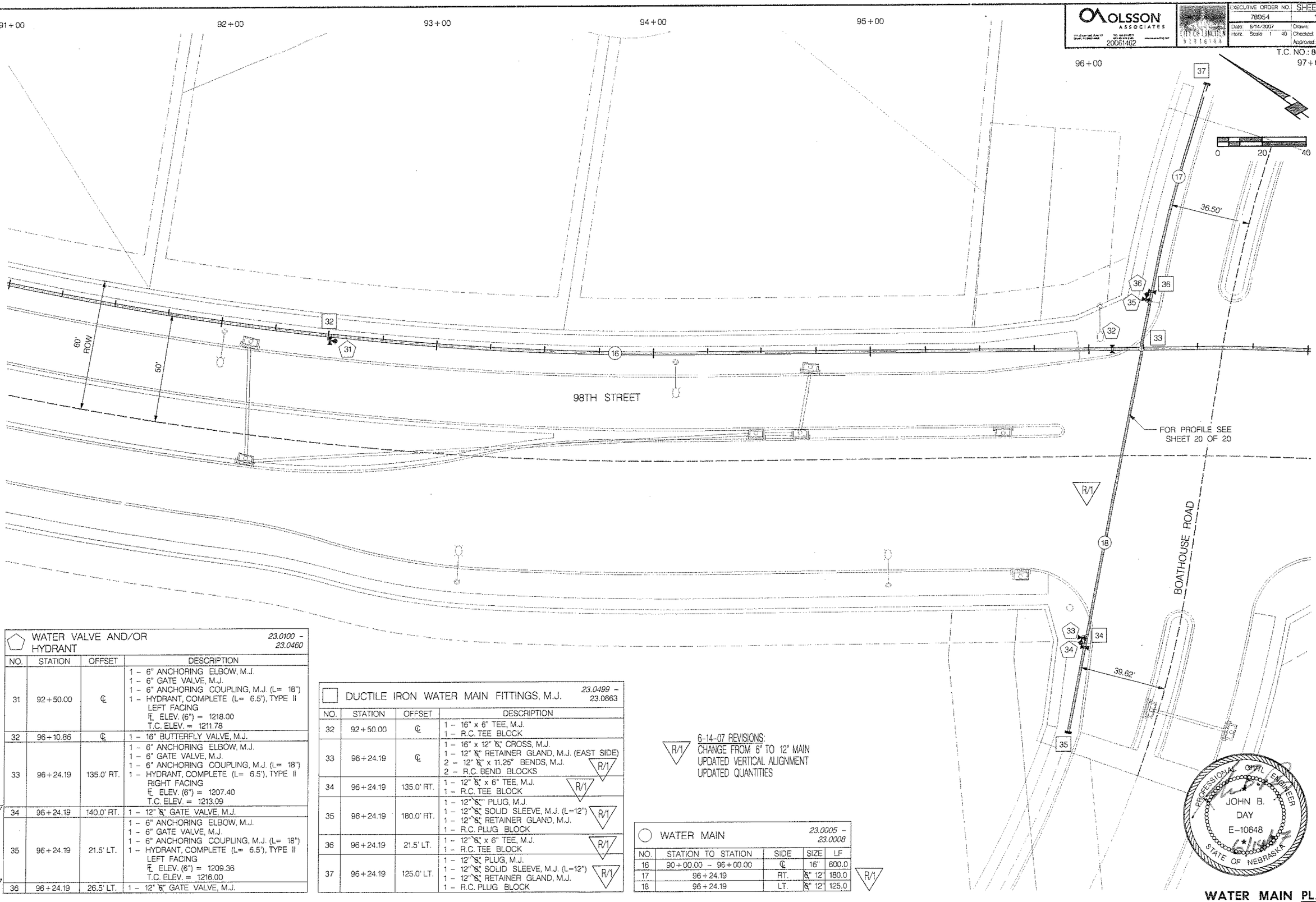
117–D–31

PROJ: 200456
PEN: 98thmain_label.tbl
USER: JRM
DATE: 6/14/2007
DGN: f:\projects\20061462\design\sheets\water main

OLSSON ASSOCIATES
20061462

EXECUTIVE ORDER NO.	SHEET NO.
78954	11
Date: 6/14/2007	Drawn: JRM
Horz. Scale 1 40	Checked: GMK
	Approved: JBD

T.C. NO.: 801618



WATER VALVE AND/OR HYDRANT

23.0100 - 23.0460

NO.	STATION	OFFSET	DESCRIPTION
31	92+50.00	℄	1 - 6" ANCHORING ELBOW, M.J. 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L= 18") 1 - HYDRANT, COMPLETE (L= 6.5'), TYPE II LEFT FACING FL ELEV. (6") = 1218.00 T.C. ELEV. = 1211.78
32	96+10.86	℄	1 - 16" BUTTERFLY VALVE, M.J.
33	96+24.19	135.0' RT.	1 - 6" ANCHORING ELBOW, M.J. 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L= 18") 1 - HYDRANT, COMPLETE (L= 6.5'), TYPE II RIGHT FACING FL ELEV. (6") = 1207.40 T.C. ELEV. = 1213.09
R/1 34	96+24.19	140.0' RT.	1 - 12" ~~6"~~ GATE VALVE, M.J.
35	96+24.19	21.5' LT.	1 - 6" ANCHORING ELBOW, M.J. 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L= 18") 1 - HYDRANT, COMPLETE (L= 6.5'), TYPE II LEFT FACING FL ELEV. (6") = 1209.36 T.C. ELEV. = 1216.00
R/1 36	96+24.19	26.5' LT.	1 - 12" ~~6"~~ GATE VALVE, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J.

23.0499 - 23.0663

NO.	STATION	OFFSET	DESCRIPTION
32	92+50.00	℄	1 - 16" x 6" TEE, M.J. 1 - R.C. TEE BLOCK
33	96+24.19	℄	1 - 16" x 12" ~~6"~~ CROSS, M.J. 1 - 12" ~~6"~~ RETAINER GLAND, M.J. (EAST SIDE) 2 - 12" ~~6"~~ x 11.25° BENDS, M.J. 2 - R.C. BEND BLOCKS R/1
34	96+24.19	135.0' RT.	1 - 12" ~~6"~~ x 6" TEE, M.J. 1 - R.C. TEE BLOCK R/1
35	96+24.19	180.0' RT.	1 - 12" ~~6"~~ PLUG, M.J. 1 - 12" ~~6"~~ SOLID SLEEVE, M.J. (L=12") 1 - 12" ~~6"~~ RETAINER GLAND, M.J. 1 - R.C. PLUG BLOCK R/1
36	96+24.19	21.5' LT.	1 - 12" ~~6"~~ x 6" TEE, M.J. 1 - R.C. TEE BLOCK R/1
37	96+24.19	125.0' LT.	1 - 12" ~~6"~~ PLUG, M.J. 1 - 12" ~~6"~~ SOLID SLEEVE, M.J. (L=12") 1 - 12" ~~6"~~ RETAINER GLAND, M.J. 1 - R.C. PLUG BLOCK R/1

R/1 6-14-07 REVISIONS:
CHANGE FROM 6" TO 12" MAIN
UPDATED VERTICAL ALIGNMENT
UPDATED QUANTITIES

WATER MAIN

23.0005 - 23.0008

NO.	STATION TO STATION	SIDE	SIZE	LF
16	90+00.00 - 96+00.00	℄	16"	600.0
17	96+24.19	RT.	~~6"~~ 12"	180.0
18	96+24.19	LT.	~~6"~~ 12"	125.0

R/1

WATER MAIN PLAN

117-D-31

T.C. NO.: 801618

117-D-31

PROJ: 200456
PEN: 9ftlincoln_pbbh.tbl
USER: JRM
DATE: 6/14/2007
DGN: f:\projects\2006\462\design\sheets\water ma...

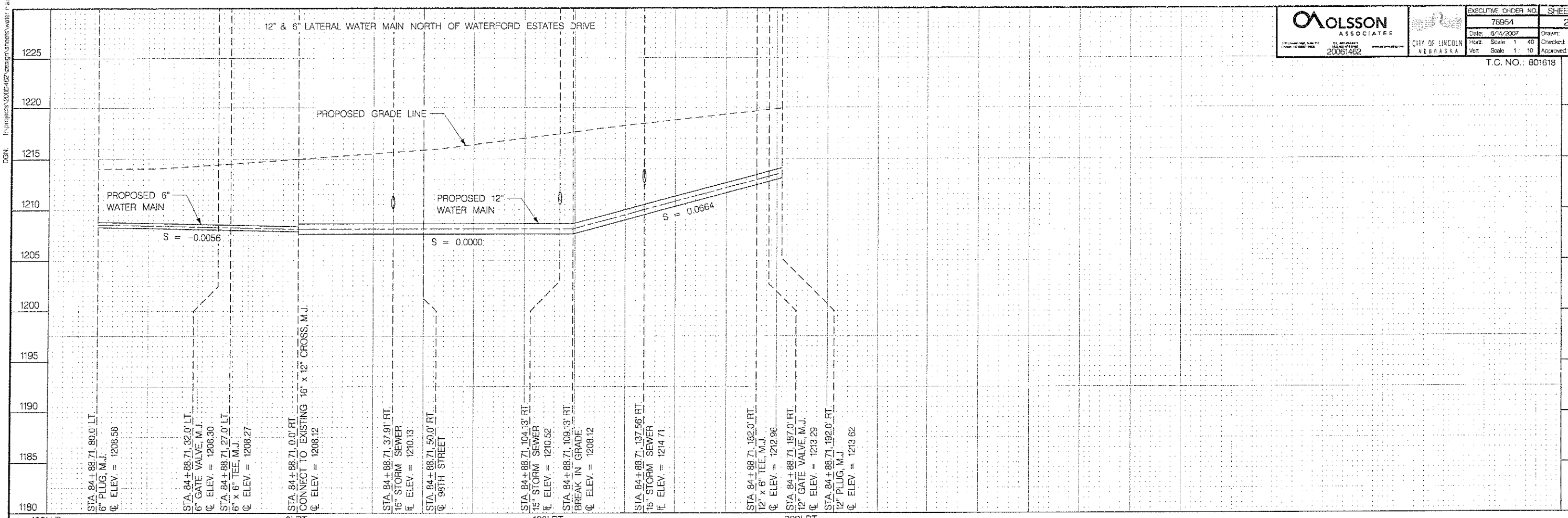
OLSSON ASSOCIATES
20061462

CITY OF LINCOLN NEBRASKA

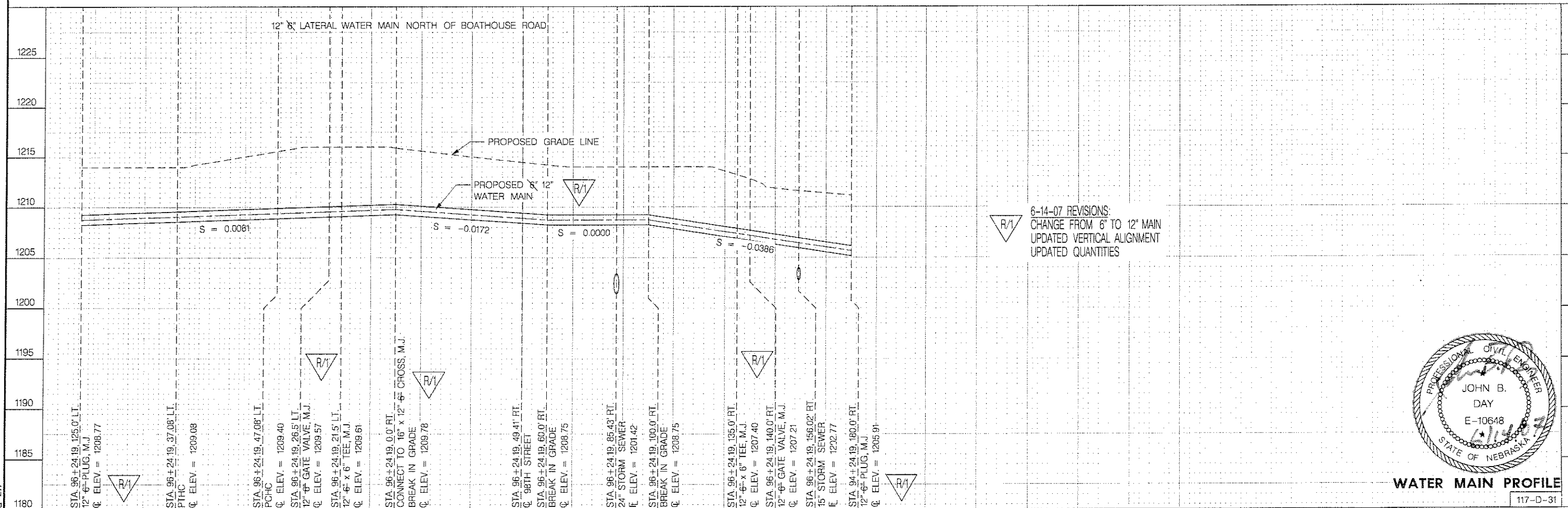
EXECUTIVE ORDER NO.	SHEET NO.
78954	20
Date: 6/14/2007	Drawn: JRM
Horz. Scale 1 40	Checked: CMK
Vert Scale 1 10	Approved: JBD

T.C. NO.: 801618

12" & 6" LATERAL WATER MAIN NORTH OF WATERFORD ESTATES DRIVE



12" & 6" LATERAL WATER MAIN NORTH OF BOATHOUSE ROAD



R/1 6-14-07 REVISIONS:
CHANGE FROM 6" TO 12" MAIN
UPDATED VERTICAL ALIGNMENT
UPDATED QUANTITIES

PROFESSIONAL CIVIL ENGINEER
JOHN B. DAY
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STATE OF NEBRASKA

WATER MAIN PROFILE

117-D-31

T.C. NO.: 801618