

REGISTERED PROFESSIONAL ENGINEER
65591 PE
OREGON
DECEMBER 28 2009
BENJAMIN R. HANEY
EXPIRES 6-30-2023
DATE SIGNED:

SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

NO.	REVISIONS	DATE	BY
1			
2			
3			
4			
5			

PN:720014

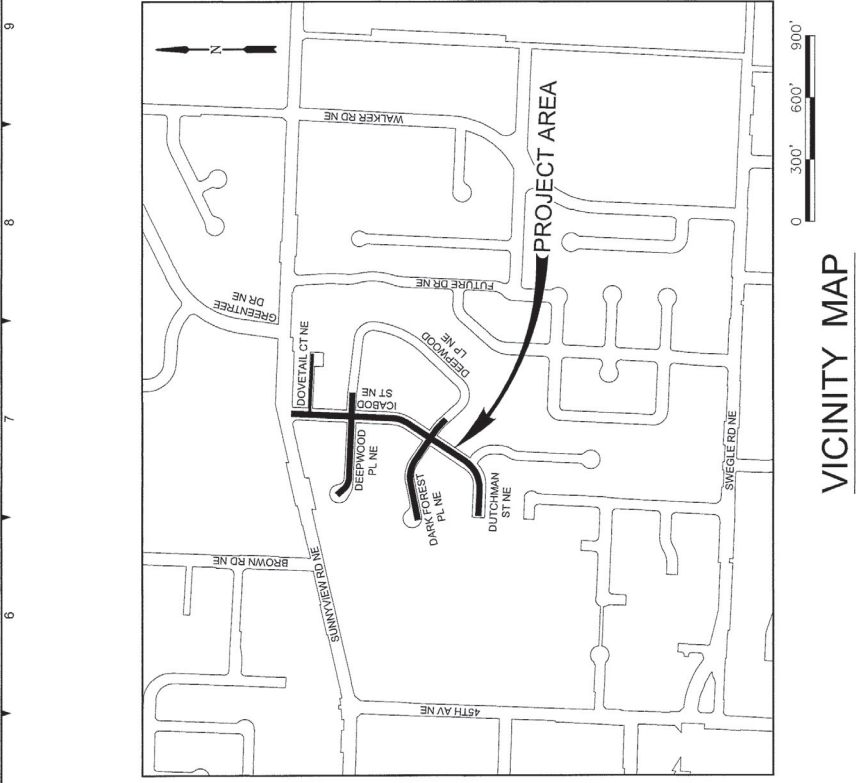
HORIZ DATUM: NAD 83-SPCS
VERT DATUM: NGVD 1929(47)
PROJECT NAME: SLEEPY HOLLOW
VERT SCALE: AS SHOWN
DESIGN: JC
DRAWN: J. KUENZL
CHECKED:
APPROVED:

SHEET TITLE

TITLE
SHEET

G-01

SHEET 1 OF 32



VICINITY MAP



SLEEPY HOLLOW WATER
LINE IMPROVEMENTS

PN:720014



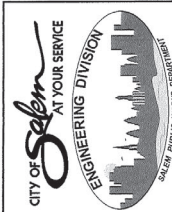
Know what's below.
Call before you dig.

ATTENTION:
OREGON LAW REQUIRES YOU TO FOLLOW RULES
AND REGULATIONS SET FORTH IN THE
CENTER. THOSE RULES ARE SET FORTH IN
THE CENTER. IF YOU DO NOT FOLLOW THEM,
YOU MAY OBTAIN COPIES OF THE RULES BY
CALLING THE CENTER AT (503) 232-1987.

UTILITY CONTACTS

CITY OF SALEM	ENGINEERING	503-588-6211
	DISPATCH	503-588-6333
PGE (DISTRIBUTION)	KEN SPENCER	503-970-7200
PGE (LIGHTING)	ALISON BAZIAK	503-463-4381
NW NATURAL GAS	CHRIS FLU	971-271-3721
CENTURYLINK	MARC BRIESE	503-399-4521
COMCAST CABLE TV	DAVID HAMMILL	503-584-5754

SHEET INDEX		
NO.	ID.	DESCRIPTION
GENERAL		
1	G-01	TITLE SHEET
2	G-02	SHEET INDEX
3	G-03	GENERAL CONSTRUCTION NOTES & LEGEND
4	G-04	PAGE LAYOUT SHEET
5	G-05	SURVEY CONTROL SHEET
EROSION CONTROL		
6	EC-01	EPSC NOTES ICABOD ST NE EPSC PLAN STA A10+00 TO A16+80
7	EC-02	ICABOD ST NE EPSC PLAN STA A16+80 TO A22+15
8	EC-03	DARK FOREST PL NE DEEPWOOD LP NE EPSC PLAN STA B10+00 TO A14+30 STA C10+00 TO END
9	EC-04	DEEPWOOD PL NE DEEPWOOD LP NE EPSC PLAN STA D10+00 TO D13+95 STA E10+00 TO E11+50
10	EC-05	DOVETAIL CT NE EPSC PLAN STA F10+00 TO F12+37
11	EC-06	
TEMPORARY TRAFFIC CONTROL		
12	TC-01	TEMPORARY TRAFFIC CONTROL ADVANCED SIGNING
13	TC-02	TEMPORARY TRAFFIC CONTROL LANE CLOSURE



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SHEET TITLE

GENERAL CONSTRUCTION NOTES & LEGEND

G-03

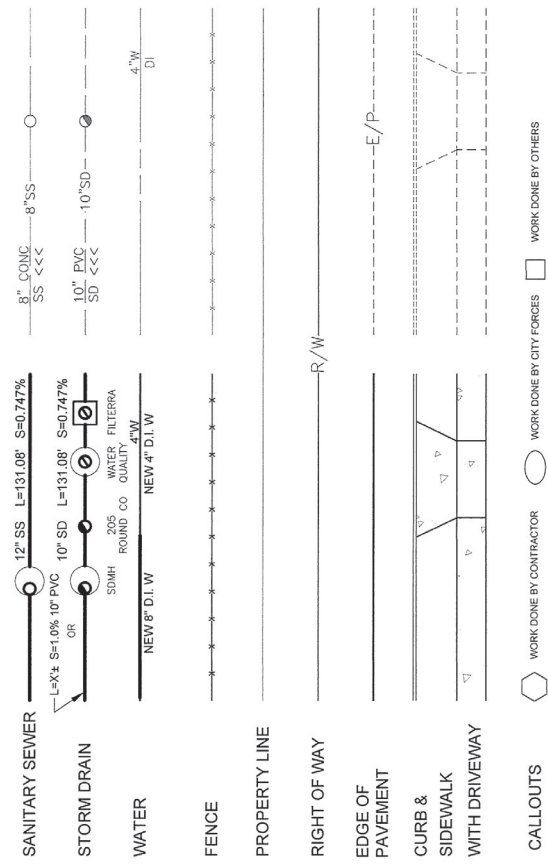
GENERAL CONSTRUCTION NOTES

- REFERENCE SCS FOR ANY ADDITIONAL UTILITY COORDINATION REQUIREMENTS.
- THE CONTRACTOR SHALL BE EXPECTED TO VISIT THE SITE AND MAKE THEIR OWN DETERMINATION OF TOPOGRAPHIC FEATURES REQUIRING RESTORATION.
- DO NOT REMOVE TREES EXCEPT AS APPROVED BY THE ENGINEER. PROTECT ALL ROOTS TWO INCHES AND LARGER IN DIAMETER. TRIM TREES, SHRUBS AND HEDGES ONLY AS DIRECTED BY THE ENGINEER.
- ALL CONSTRUCTION SHALL CONFORM TO OREGON D.E.Q. PERMIT No. 1200-CA, A COPY OF WHICH IS INCLUDED IN THE SPECIAL PROVISIONS.
- REFERENCE SECTION OF THE SPECIAL PROVISIONS AND SCS REGARDING TEMPORARY ASPHALT PATCHING REQUIREMENTS.
- THE CONTRACTOR SHALL POTHOLE AND VERIFY LOCATIONS, ELEVATIONS, TYPES, AND SIZES OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTING PIPELINES AND SHALL NOTIFY ENGINEER OF NEED TO ADJUST PIPING INSTALLATION ACCORDINGLY. POTHOLING AND TRENCH EXCAVATION SHALL SUFFICIENTLY PRECEDE LAYING OF PIPE TO ALLOW REQUIRED ELEVATION AND ALIGNMENT ADJUSTMENTS TO BE ACCOMPLISHED WITHOUT REMWORK. COMPENSATION FOR POTHOLING AND COORDINATION REQUIRED FOR RELOCATING UTILITIES SHALL BE INCIDENTAL TO OTHER WORK PERFORMED.
- CONTRACTOR SHALL PROVIDE ENGINEER WITH MINIMUM 24 HOURS NOTICE PRIOR TO POTHOLING. COORDINATE WITH ENGINEER TO REVIEW UTILITY INVESTIGATIONS AND TO MAKE APPROPRIATE ADJUSTMENTS FOR ANY ALIGNMENT OR GRADE CONFLICTS.

UTILITIES AND TOPOGRAPHIC FEATURES

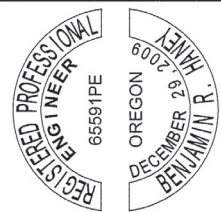
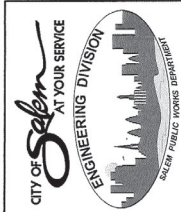
TO BE BUILT

TO BE BUILT / EXISTING



- ALL CONSTRUCTION SHALL BE TO CITY OF SALEM STANDARDS AND SPECIFICATIONS AND THE SPECIAL PROVISIONS DEVELOPED FOR THIS PROJECT.
- REFERENCE SCS FOR REQUIREMENTS REGARDING PROTECTION OF EXISTING FACILITIES AND TREES.
- REFERENCE SCS FOR REQUIREMENTS REGARDING OPERATION OF EXISTING WATER VALVES.
- REFERENCE SCS FOR TRAFFIC PROTECTION AND CONTROL REQUIREMENTS.
- UTILITY COORDINATION:
 - THE LOCATION AND DESCRIPTION OF EXISTING UTILITIES SHOWN ARE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE CITY OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY NOR THE COMPLETENESS OF SUCH RECORDS.
 - ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OUR 952-001-0010 THROUGH OUR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)-232-1987).
 - PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO KEEP ALL EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION.
 - UTILITIES, OR INTERFERING PORTIONS OF UTILITIES, THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR TO THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. THE CONTRACTOR SHALL PLUG THE REMAINING EXPOSED ENDS OF ABANDONED UTILITIES.

WORK DONE BY CONTRACTOR
WORK DONE BY CITY FORCES
WORK DONE BY OTHERS



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SLEEPY HOLLOW WATER LINE IMPROVEMENTS

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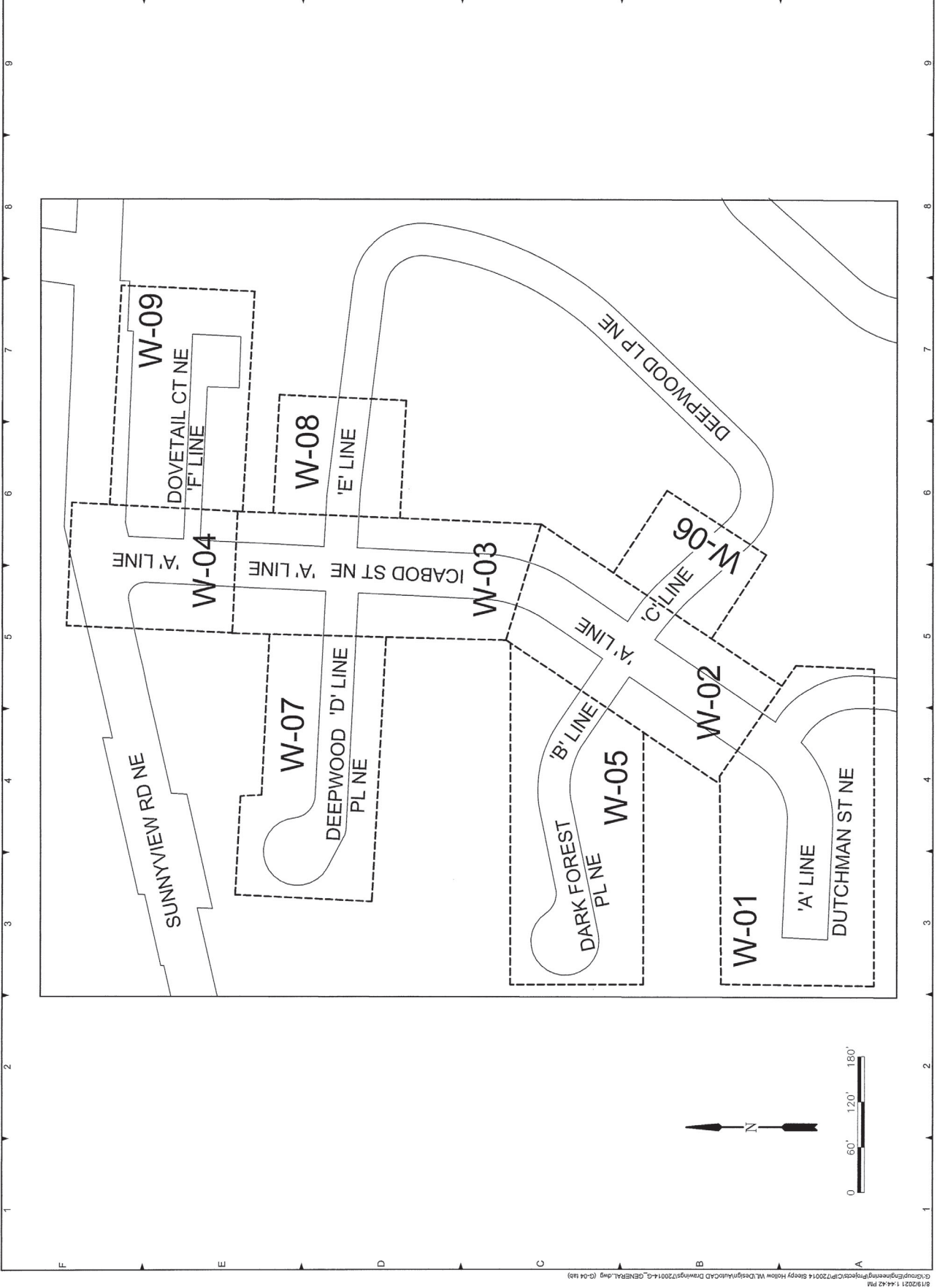
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VERT DATUM: NGVD 1929(47)
HORIZ SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGN: J.C.
DRAWN: J.KUENZL
CHECKED:
APPROVED:

SHEET TITLE

PAGE LAYOUT
SHEET

G-04

SHEET 4 OF 32



SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

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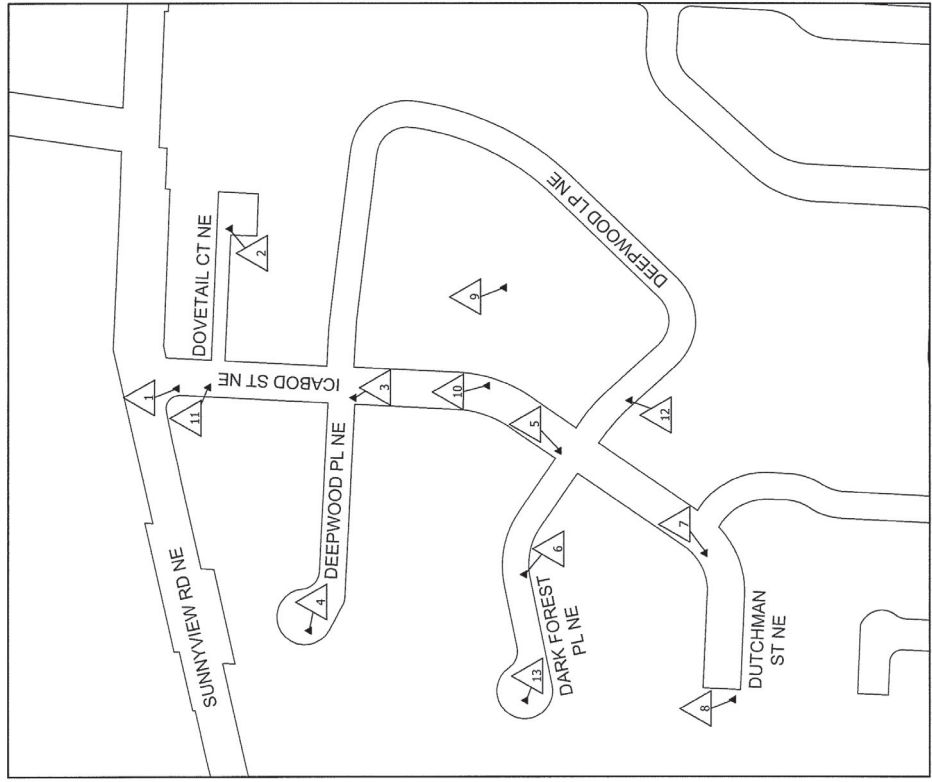
SHEET TITLE

SURVEY
CONTROL
SHEET

G-05

NOTE:
HORIZONTAL DATUM:
NAD 83
OREGON STATE PLANE COORDINATE,
NORTH ZONE EPOCH (CURRENT VERSION)
VERTICAL DATUM:
NGVD 1929(47)

LEGEND
TEMPORARY SURVEY CONTROL POINT
FOUND MONUMENT



SURVEY CONTROL POINTS			
PT#	NORTHING	EASTING	ELEVATION
1	479360.289	7563313.155	198.94
2	479275.744	7563569.957	201.62
3	479077.185	7563297.479	201.42
4	479148.39	7562922.434	197.62
5	478747.04	7563212.211	203.87
6	478802.111	7563011.959	201.91
7	478512.265	7563046.742	203.12
8	478467.262	7562810.538	198.42
9	478834.957	7563475.902	203.72
10	478863.169	7563317.042	203.35
11	479310.594	7563313.818	199.21
12	478633.858	7563292.674	202.62
13	478800.19	7562808.848	200.23

SURVEY MONUMENT PRESERVATION
THE SHOWN SURVEY CONTROL IS NOT ALL INCLUSIVE
OF ALL SURVEY MONUMENTS WITHIN THE WORK AREA.
THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR
OR PROJECT ENGINEER WITHIN 24 HOURS OF ANY
SURVEY MONUMENT DISTURBED/DESTROYED BY
CONSTRUCTION ACTIVITIES.

GENERAL EPSC NOTES

- slopes as required to prevent damage or displacement by wind.

**SLEEPY HOLLOW
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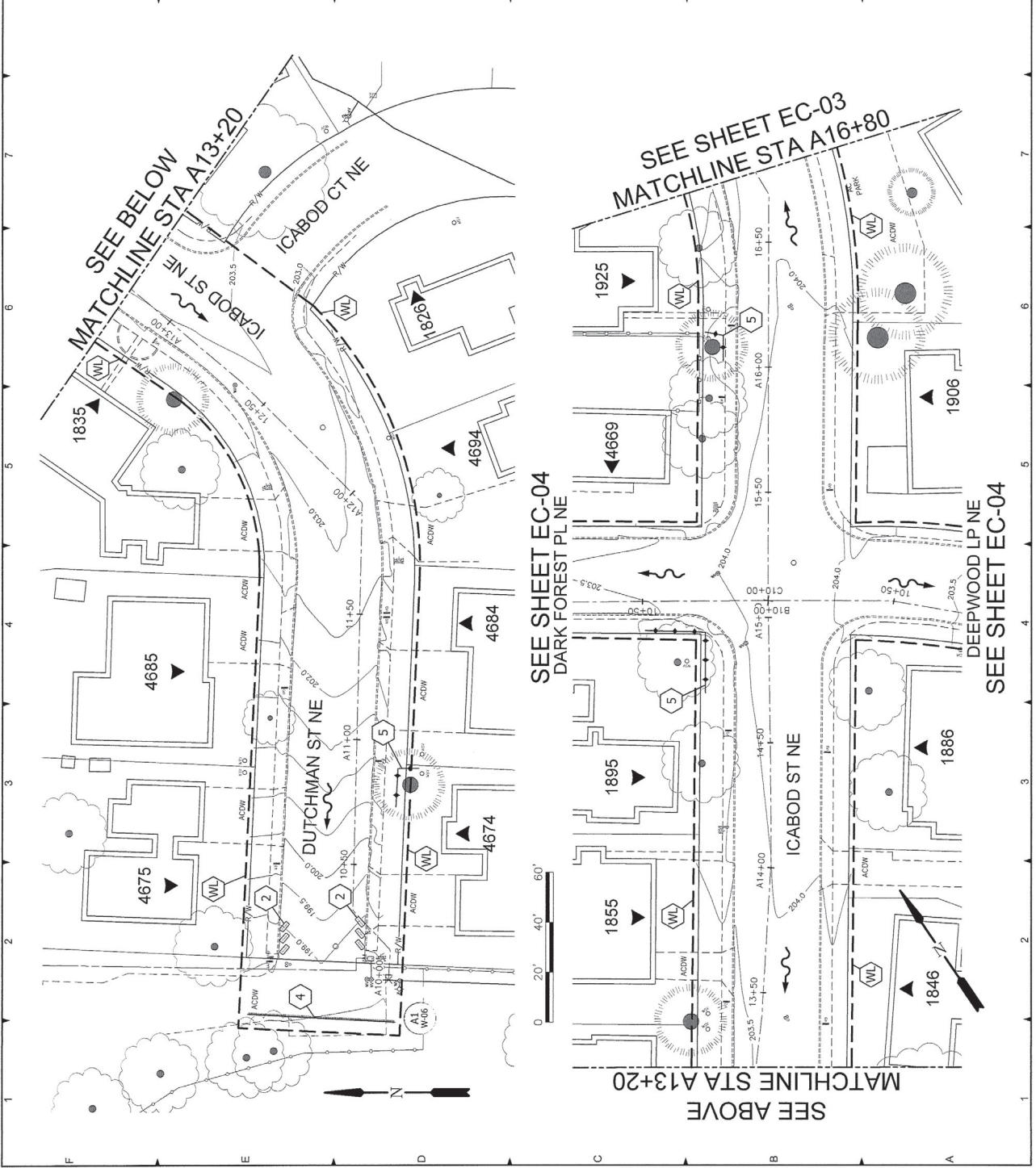
SHEET TITLE

ICABOD ST NE
EPSC PLAN
STA A10+00 TO A16+80

EC-02
SHEET 7 OF 32

SHEET KEYNOTES

- INSTALL INLET PROTECTION SILT SACK PER STD. PLAN 913.
- EXISTING NEW
NOTE: THIS IS REQUIRED ON ALL INLETS RECEIVING FLOW FROM THE EXISTING WATER LINE. ALL NEW INLETS TO BE REMOVED AND NEW INLETS ONCE INSTALLED.
- INSTALL BIOFILTER BAG CHECK DAM PER STD. PLAN 914 OR 916 WHICHEVER IS SHOWN.
- 914 OR 916
- INSTALL SEDIMENT FENCE PER STD. PLAN 902.
- INSTALL WATLES OVERLAND FLOW PER STD. PLAN 903 OR BIOFILTER BAG OVERLAND FLOW PER STD. PLAN 904.
- INSTALL TREE PROTECTION FENCE PER STD. PLAN 620.
- EROSION CONTROL WORK LIMITS
- FLOW ARROW
(EXISTING CONDITIONS PRIOR TO CONSTRUCTION)



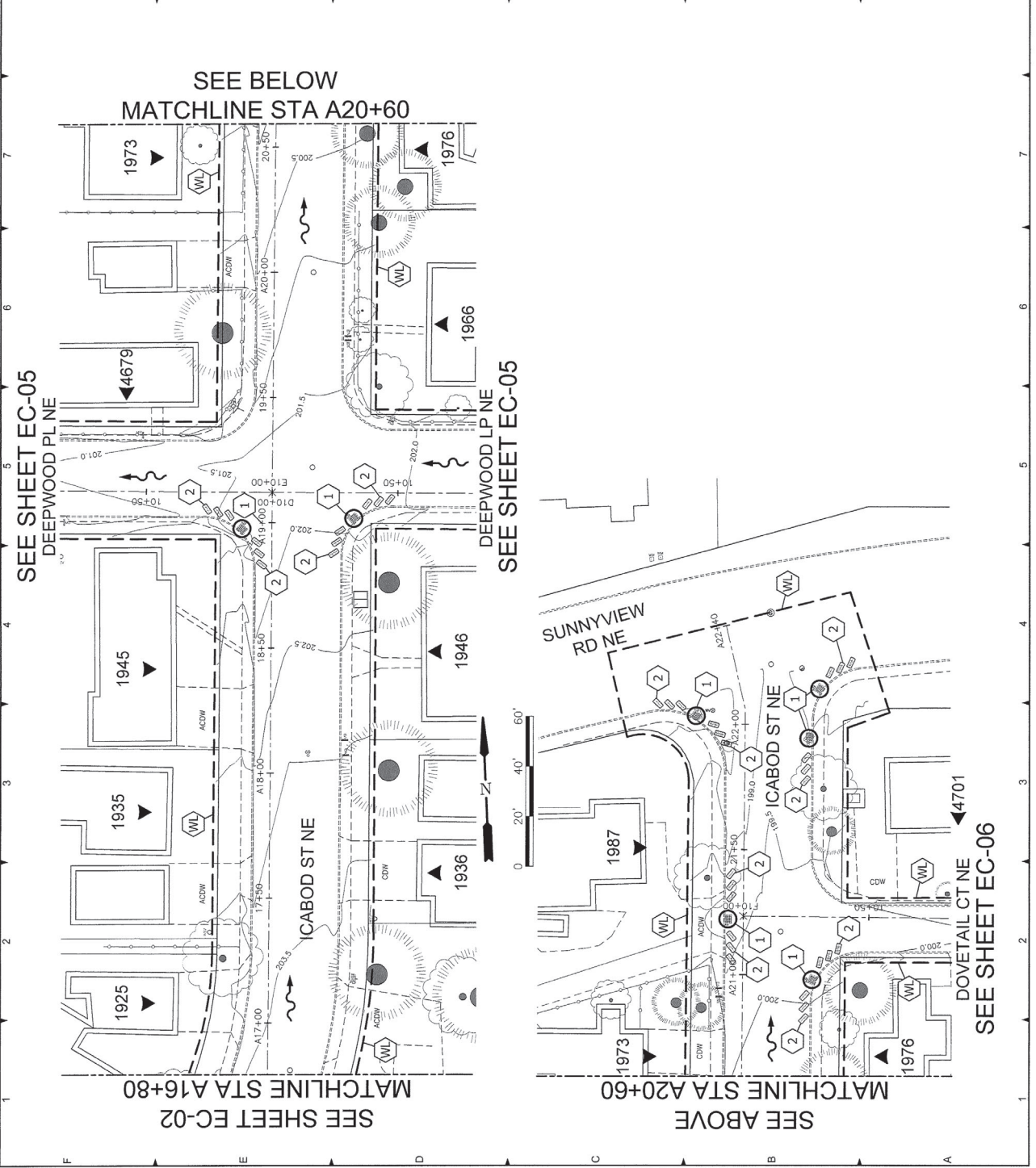
**SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS**

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VERT DATUM: NGVD 1929(47)
HORIZ SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGN: JC
DRAWN: J.KUENZ
CHECKED:
APPROVED:

SHEET TITLE
ICABOD ST NE
EPSC PLAN
STA A16+80 TO A22+15

- SHEET KEYNOTES**
1. INSTALL INLET PROTECTION SILT SACK PER STD. PLAN 913.
 2. EXISTING (hatched circle) NEW (solid circle)
NOTE: THIS IS REQUIRED ON ALL SLEEPY HOLLOW PROJECTS PRIOR TO THE PROJECT INCLUDING EXISTING AND NEW INLETS TO BE REMOVED AND NEW INLETS ONCE INSTALLED.
 3. INSTALL BIOFILTER BAG CHECK DAM PER STD. PLAN 914 OR 916 WHICHEVER IS SHOWN.
 4. 914 OR 916
 5. INSTALL SEDIMENT FENCE PER STD. PLAN 902.
 6. INSTALL WATTLES OVERLAND FLOW OR BIOFILTER BAG OVERLAND FLOW PER STD. PLAN 904.
 7. INSTALL TREE PROTECTION FENCE PER STD. PLAN 920.
 8. EROSION CONTROL WORK LIMITS
 9. FLOW ARROW (EXISTING CONDITIONS PRIOR TO CONSTRUCTION)



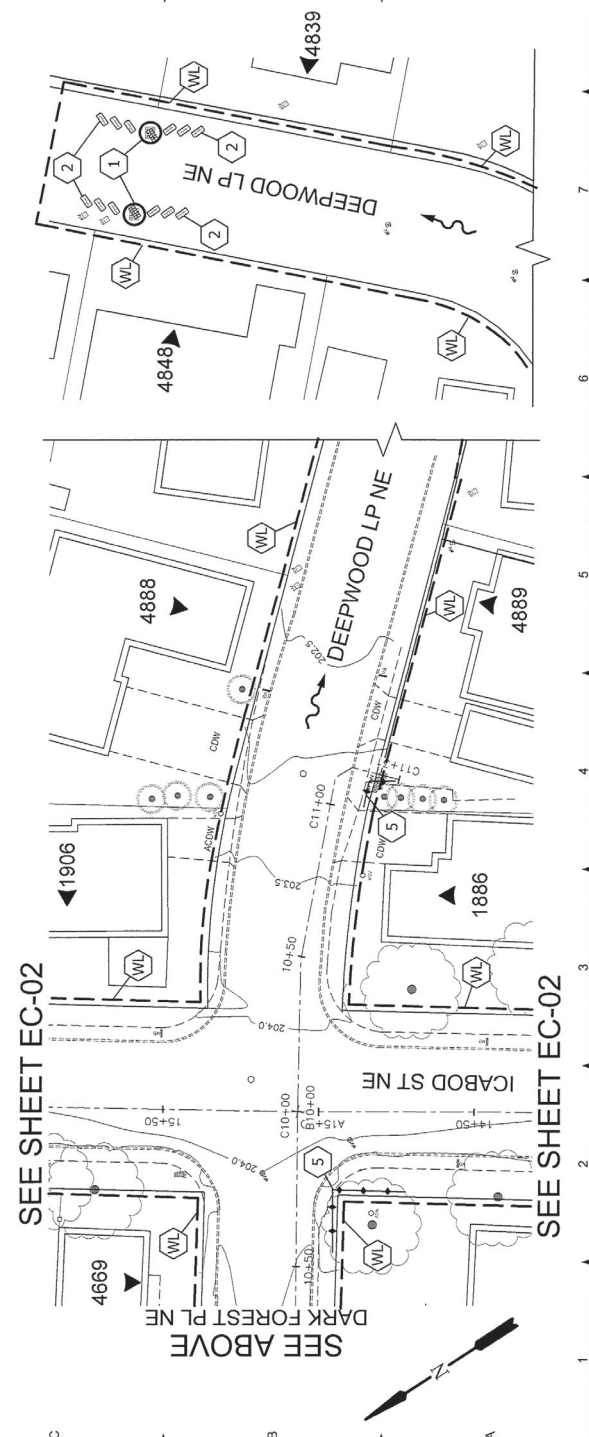
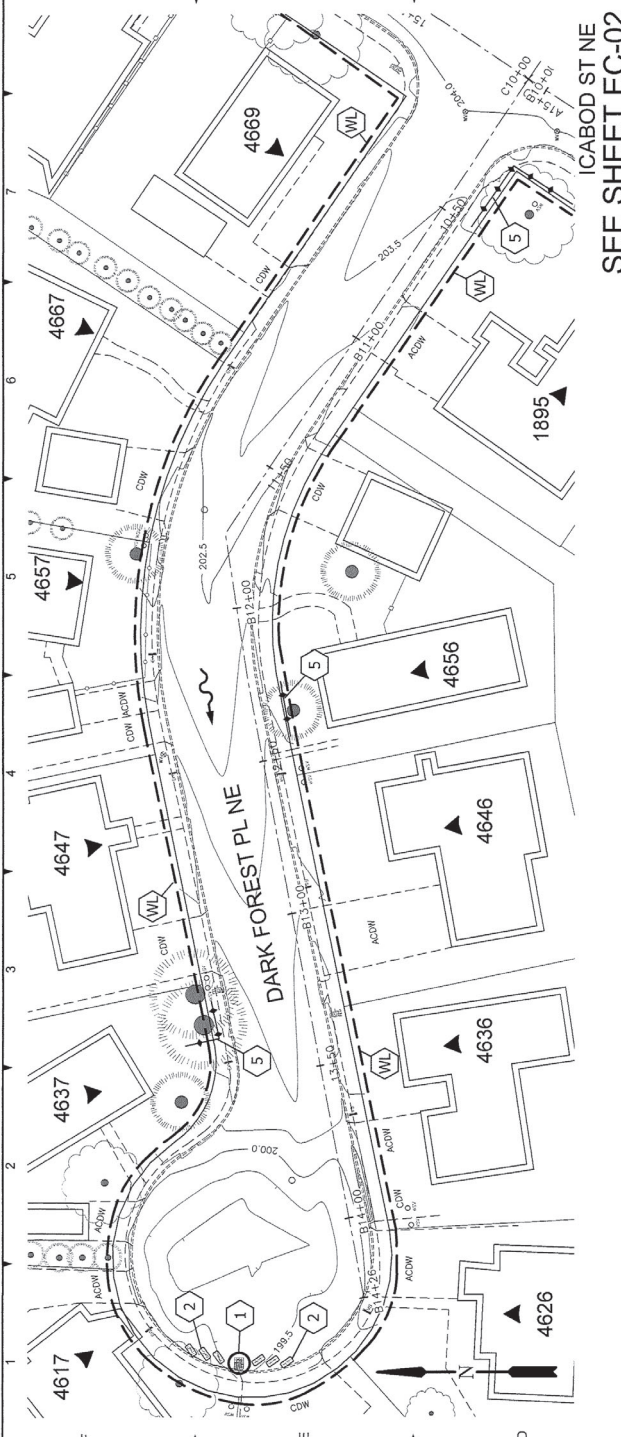
SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

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VERT DATUM: NGVD 1929-47
HORIZ SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGN: J. KUENZ
DRAWN: J. KUENZ
CHECKED:
APPROVED:

SHEET TITLE
DARK FOREST PL NE
DEEPWOOD LP NE
EPSC PLAN
STA B10+00 TO B14+30
STA C10+00 TO END

- SHEET KEYNOTES**
1. INSTALL INLET PROTECTION SILT SACK PER STD. PLAN 913.
 EXISTING NEW
NOTE: THIS IS REQUIRED ON ALL INLETS RECEIVING FLOW FROM THE EXISTING WATER LINE. ALL INLETS TO BE REMOVED AND NEW INLETS ONCE INSTALLED.
 2. INSTALL BIOFILTER BAG CHECK DAM PER STD. PLAN 914 OR 916 WHICHEVER IS SHOWN.
 914 OR 916
 3. INSTALL SEDIMENT FENCE PER STD. PLAN 902.
 4. INSTALL WATTLES OVERLAND FLOW PER STD. PLAN 903 OR BIOFILTER BAG OVERLAND FLOW PER STD. PLAN 904.
 5. INSTALL TREE PROTECTION FENCE PER STD. PLAN 920.
 - WL EROSION CONTROL WORK LIMITS
- FLOW ARROW
(EXISTING CONDITIONS PRIOR TO CONSTRUCTION)



SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

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UNIT SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGN: JC
DRAWN: J.KUENZI
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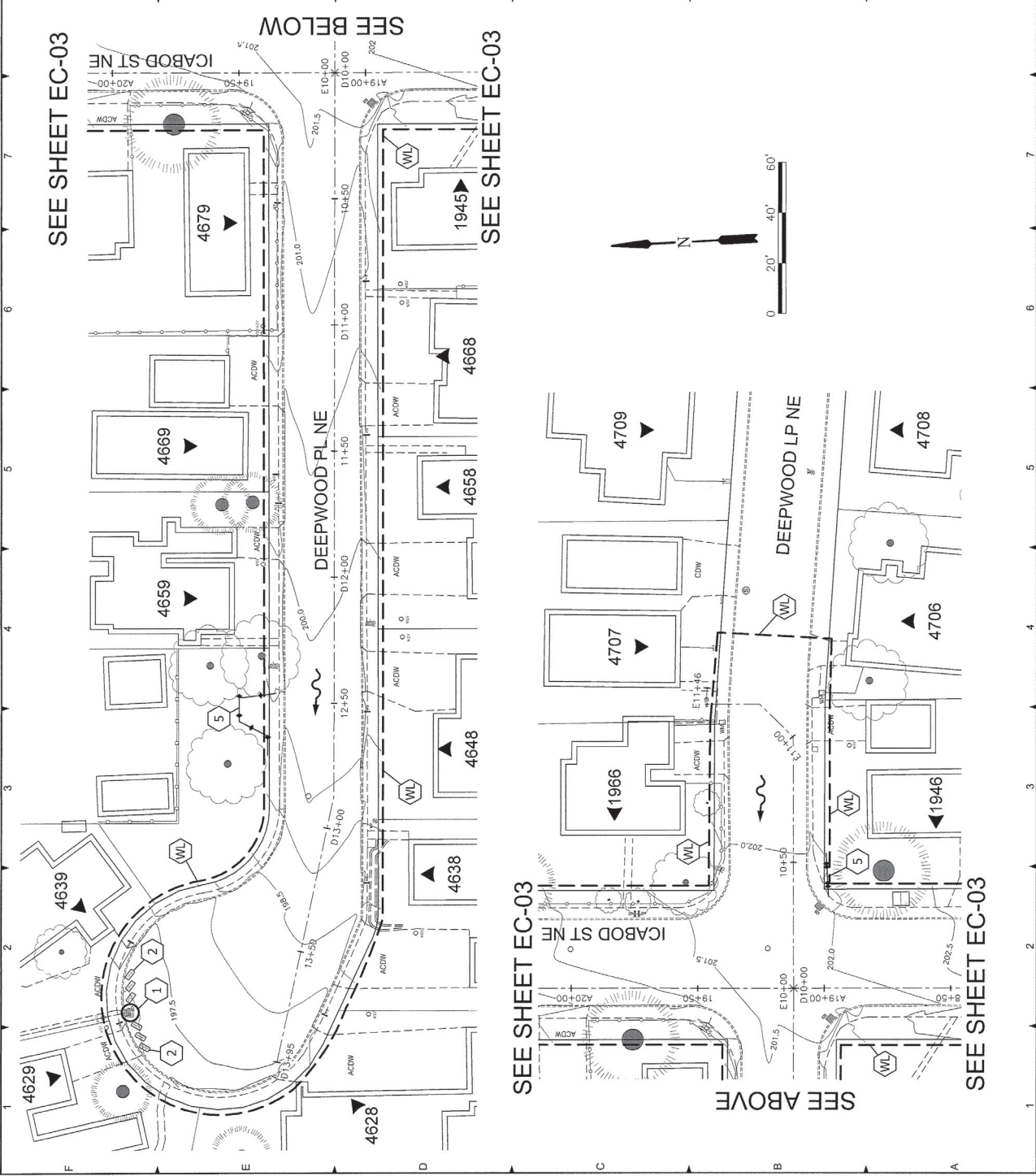
SHEET TITLE
DEEPWOOD PL NE
DEEPWOOD LP NE

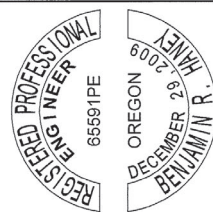
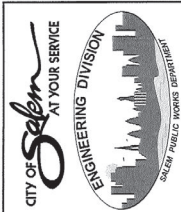
EPSC PLAN
STA D10+00 TO D13+95
STA E10+00 TO E11+50

EC-05

SHEET 10 OF 32

- SHEET KEYNOTES**
1. INSTALL INLET PROTECTION SILT SACK PER STD. PLAN 913.
 2. INSTALL BIOFILTER BAG CHECK DAM PER STD. PLAN 914 OR 916 WHICHEVER IS SHOWN.
 3. INSTALL SEDIMENT FENCE PER STD. PLAN 902.
 4. INSTALL WATTLES OVERLAND FLOW OR BIOFILTER BAG OVERLAND FLOW PER STD. PLAN 904.
 5. INSTALL TREE PROTECTION FENCE PER STD. PLAN 920.
 - WL. EROSION CONTROL WORK LIMITS
- NOTE: THIS IS REQUIRED ON ALL INLETS RECEIVING FLOW FROM THE PROJECT. EXISTING AND NEW INLETS TO BE REMOVED AND NEW INLETS ONCE INSTALLED.
- EXISTING NEW
- 914 OR 916
- FLOW ARROW (EXISTING CONDITIONS PRIOR TO CONSTRUCTION)





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SLEEPY HOLLOW WATER LINE IMPROVEMENTS

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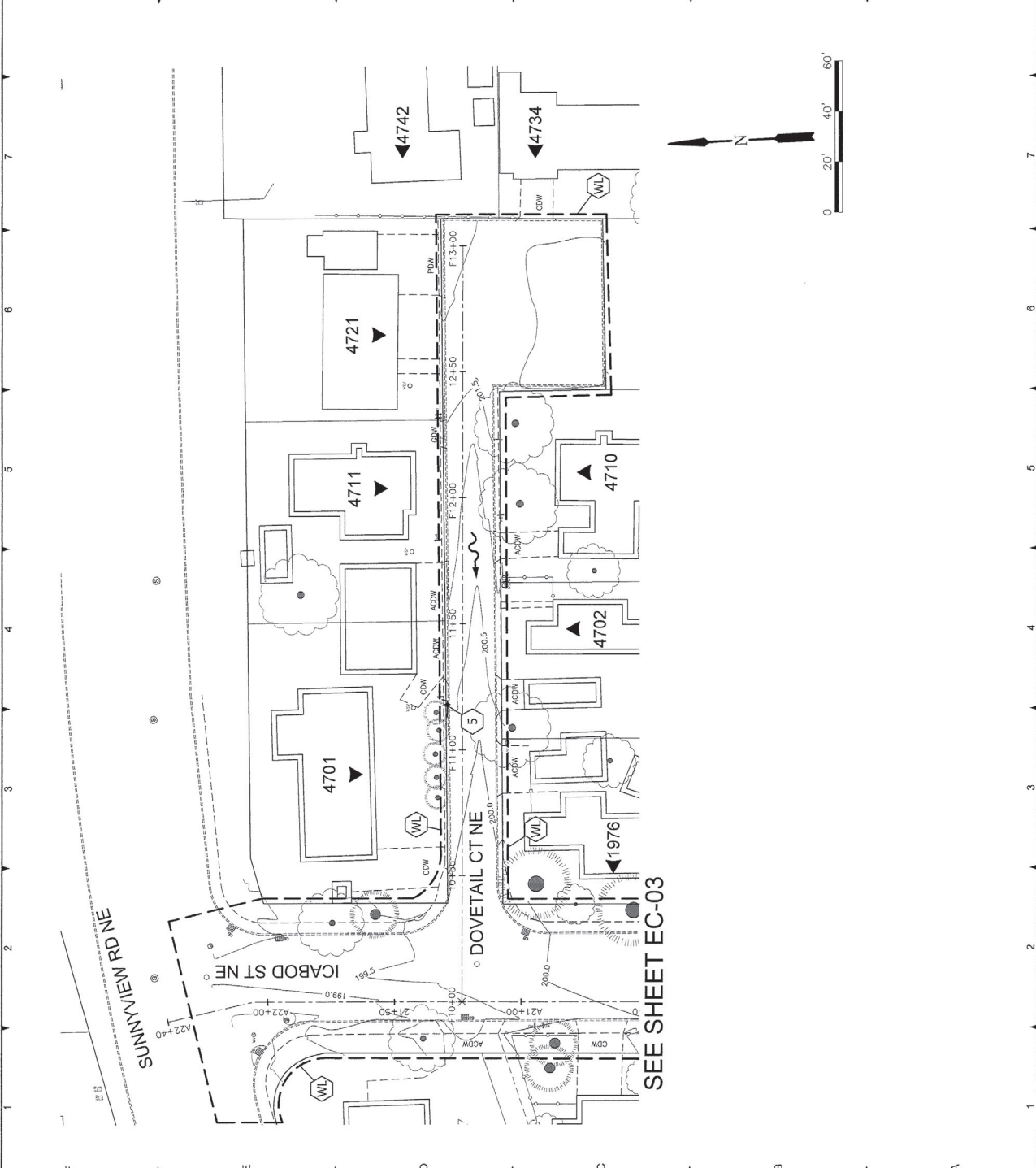
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VERT DATUM: MGD 1829(47)
HORIZ SCALE: AS SHOWN
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DESIGNER: J.C. SHOWN
DRAWN: J. KUENZ
CHECKED:
APPROVED:

SHEET TITLE
DOVETAIL CT NE
EPSC PLAN
STA F10+00 TO F12+37

EC-06
SHEET 11 OF 32

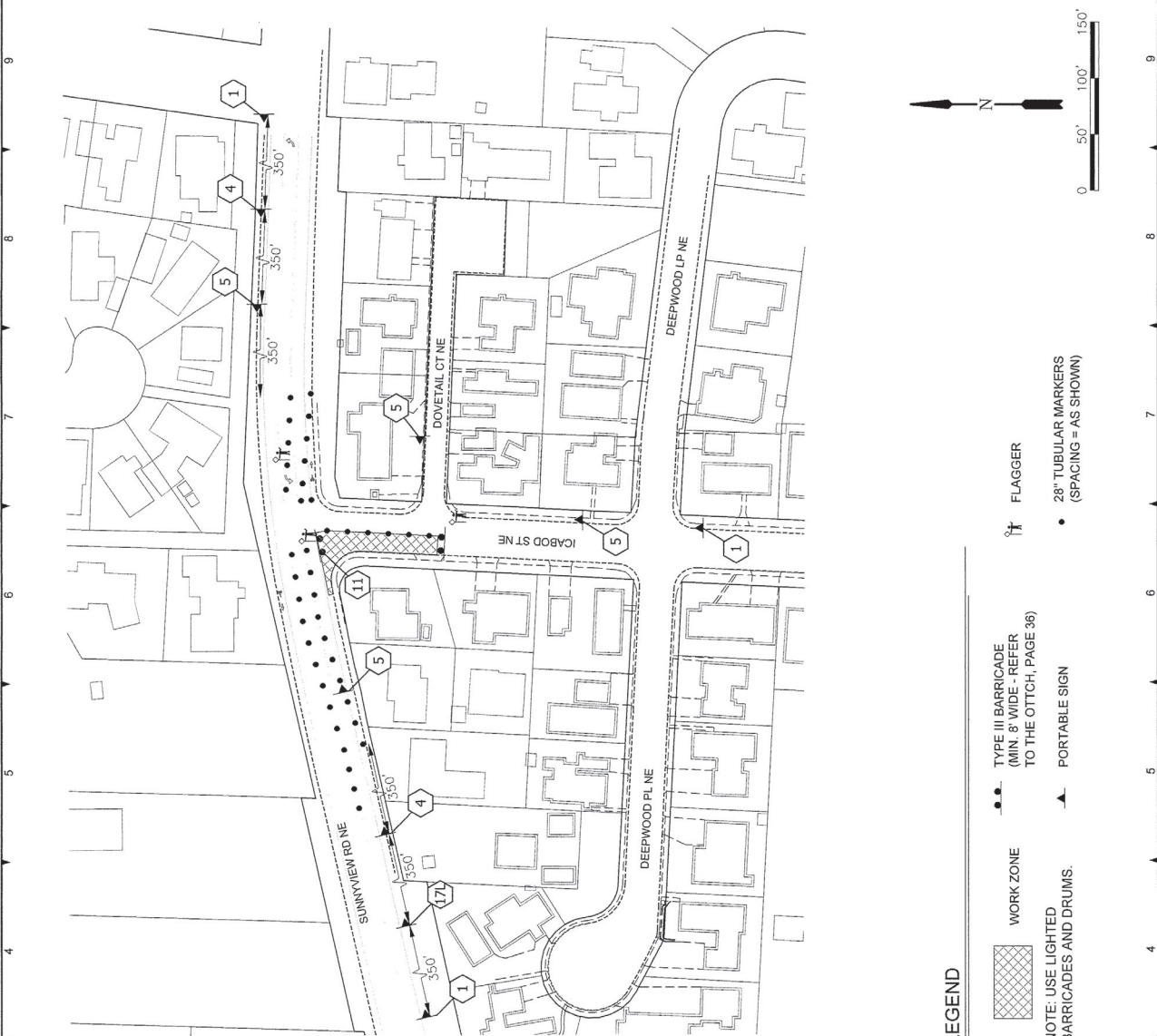
- ### SHEET KEYNOTES
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 3. INSTALL SEDIMENT FENCE PER STD. PLAN 902.
 4. INSTALL WATTLES OVERLAND FLOW OR BIOFILTER BAG OVERLAND FLOW PER STD. PLAN 904.
 5. INSTALL TREE PROTECTION FENCE PER STD. PLAN 920.
 - WL. EROSION CONTROL WORK LIMITS
 - FLOW ARROW (EXISTING CONDITIONS PRIOR TO CONSTRUCTION)



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SHEET TITLE
TEMPORARY
TRAFFIC CONTROL
ADVANCED SIGNING
TC-01



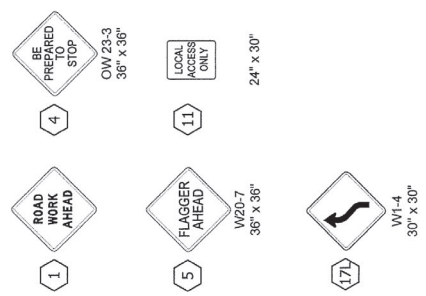
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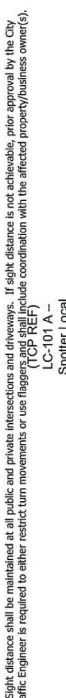
- WORK ZONE
- TYPE III BARRICADE (MIN. 8' WIDE - REFER TO THE OTTCH, PAGE 36)
- PORTABLE SIGN
- FLAGGER
- 28" TUBULAR MARKERS (SPACING = AS SHOWN)

TRAFFIC CONTROL NOTES:

- CONTRACTOR TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL GUIDELINES FOR TRAFFIC CONTROL.
- REFER TO THE MUTCD AND THE OREGON TEMPORARY TRAFFIC CONTROL HANDBOOK (OTTCH) FOR DISTANCES BETWEEN SIGNS AND CONES, UNLESS OTHERWISE NOTED.
- USE FLAGGERS AND TEMPORARY TRAFFIC CONTROL AS REQUIRED REFER TO THE MUTCD AND OTTCH.
- SEE SPECIAL PROVISIONS FOR STREET WORK TIME LIMITATIONS.
- MAINTAIN LOCAL ACCESS OFF ICABOD ST NE AT ALL TIMES.
- CONTRACTOR SHALL PROTECT TRAFFIC AND SHALL PROVIDE TRAFFIC CONTROL AT ALL TIMES DURING CONSTRUCTION.
- SIGN LOCATIONS SHOWN ARE APPROXIMATE AND SHOULD BE ADJUSTED IN THE FIELD FOR CONFLICTS SUCH AS SIGHT DISTANCE, DRIVEWAYS, LANDSCAPING, UTILITIES, ETC.
- THE STAGING PLANS PROVIDE GUIDANCE FOR PLACEMENT OF SIGNAGE AND CHANNELIZING DEVICES, CERTAIN CONSTRUCTION ACTIVITIES MAY REQUIRE ADDITIONAL SIGNS OR CHANNELIZING DEVICES.
- SIGNS PLACED CONTINUOUSLY FOR LONGER THAN THREE DAYS SHALL BE POST-MOUNTED.
- ALL FLEXIBLE SIGNS AND PORTABLE SIGN SUPPORTS SHALL BE CRASHWORTHY.
- RIGID SIGNS MAY BE USED ON BARRICADES WHEN APPROPRIATELY CRASH TESTED.
- PLACE COVER OVER STOP SIGN WHEN FLAGGING.

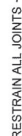
SIGNS

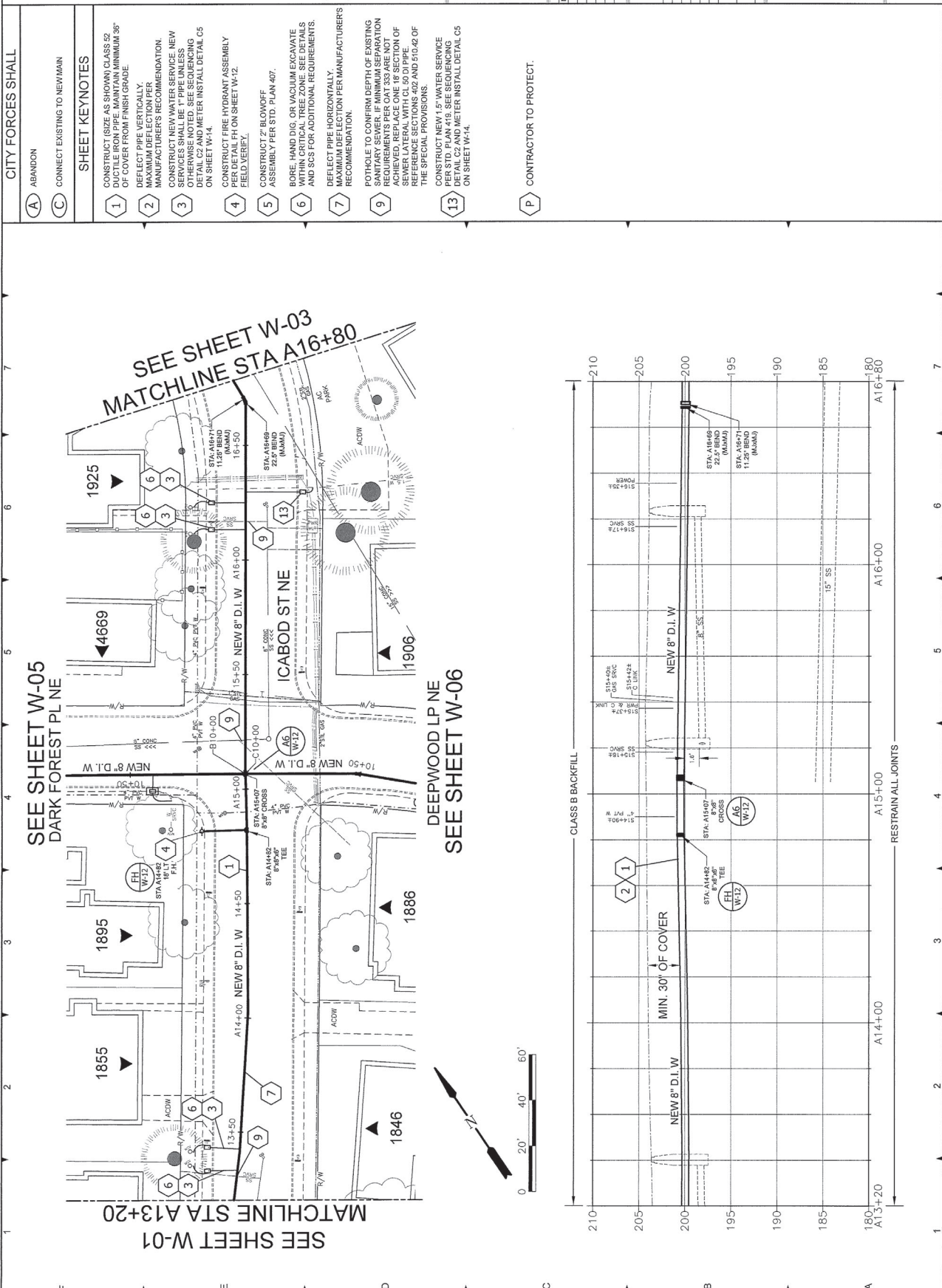


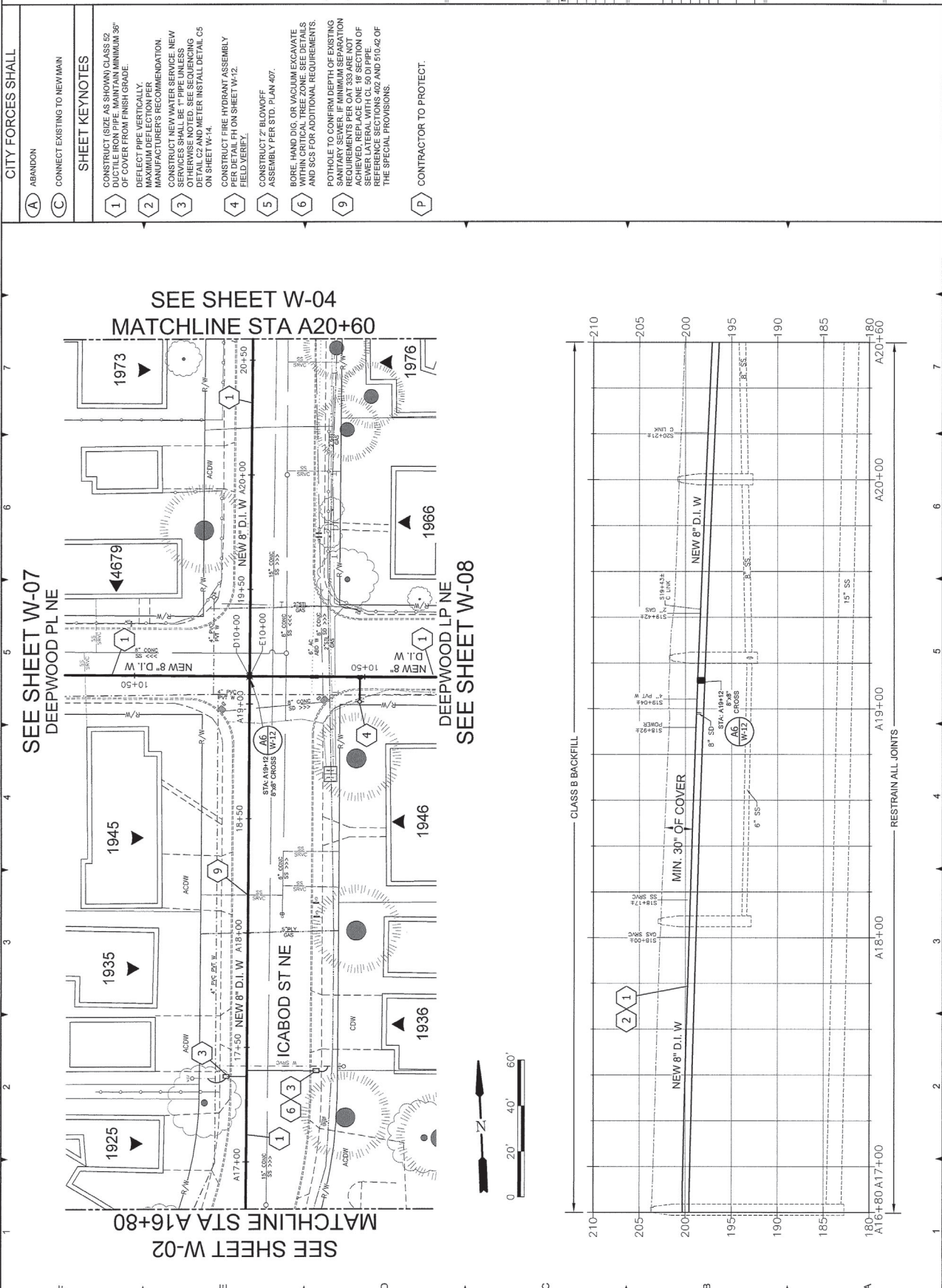


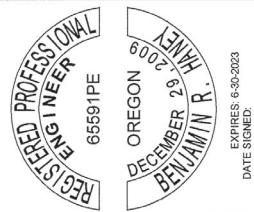
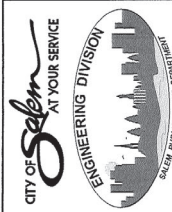
SHEET KEYNOTES

- P** CONTRACTOR TO PROTECT.









SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

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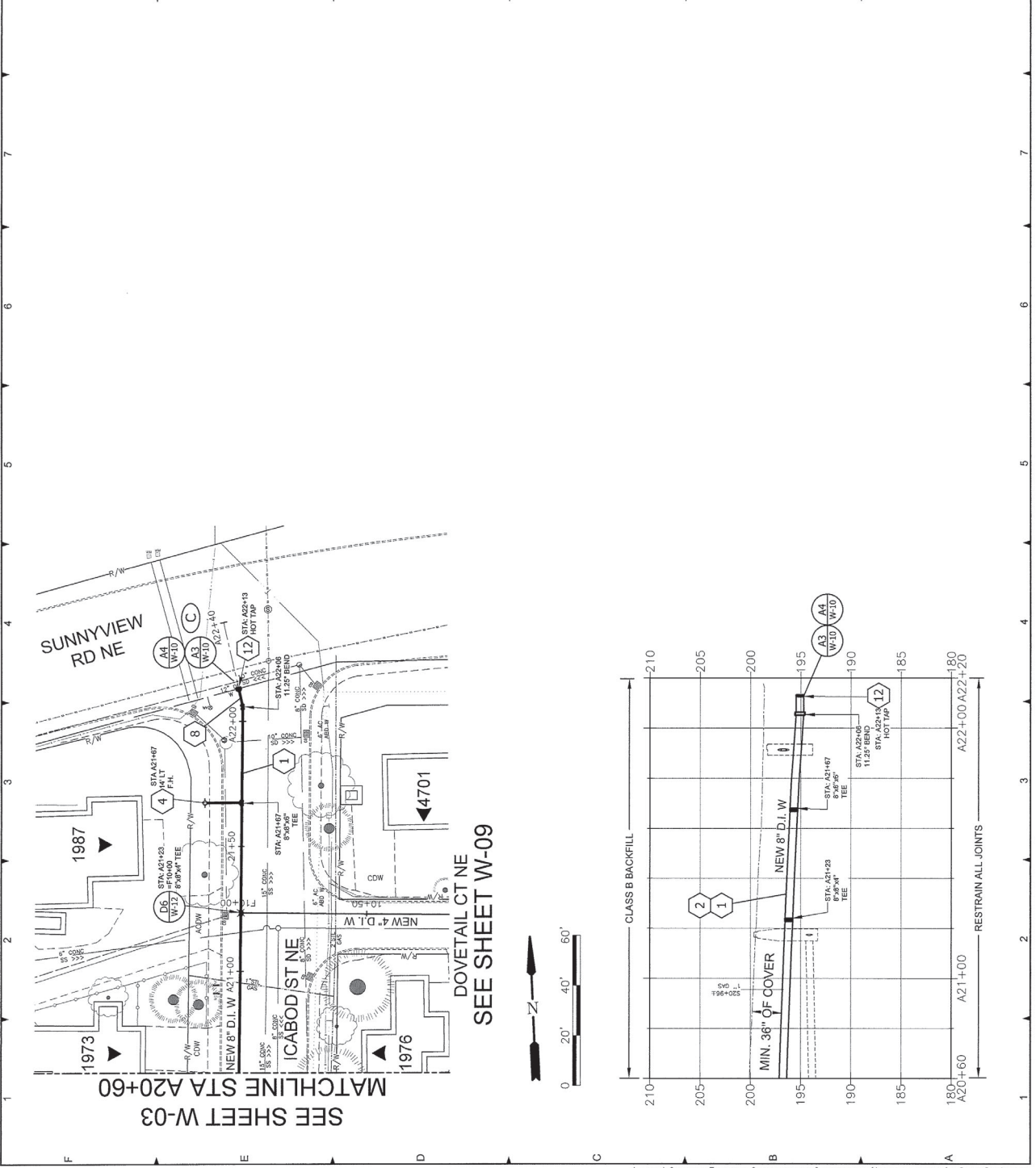
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DRAWN:	J. KUENZLI
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APPROVED:	

SHEET TITLE
ICABOD ST NE
'A' WATER LINE
PLAN & PROFILE
STA A20+60 TO A22+12

W-04

SHEET 17 OF 32

- CITY FORCES SHALL
- (A) ABANDON
 - (C) CONNECT EXISTING TO NEW MAIN
- SHEET KEYNOTES
- 1. CONSTRUCT (SIZE AS SHOWN) CLASS 62 DUCTILE IRON PIPE (STAINLESS STEEL) 36" OF COVER FROM FINISH GRADE.
 - 2. DEFLECT PIPE VERTICALLY MAXIMUM DEFLECTION PER MANUFACTURER'S RECOMMENDATION.
 - 3. CONSTRUCT NEW WATER SERVICE. NEW SERVICES SHALL BE 1" PIPE UNLESS OTHERWISE NOTED. SEE SEQUENCING ON SHEET W-14.
 - 4. CONSTRUCT FIRE HYDRANT ASSEMBLY PER FINAL PLAN ON SHEET W-12.
 - 5. CONSTRUCT 2" BLOWOFF ASSEMBLY PER STD. PLAN 407.
 - 6. BORE HAND DIG OR VACUUM EXCAVATE WITHIN CRITICAL TREE ZONE. SEE DETAILS AND SGS FOR ADDITIONAL REQUIREMENTS.
 - 8. CONSTRUCT 1" CHLORINATION TAP PER STD. PLAN 412.
 - 12. CONTRACTOR TO COORDINATE TAP BY CITY FORCES. SEE SPECIAL PROVISIONS 510.46.
 - (P) CONTRACTOR TO PROTECT.



**SLEEPY HOLLOW
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PN:720014

HORIZ DATUM: NAD 83 SPGS
VERT DATUM: NVD 1028(47)
HORIZ SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGN: JAC
DRAWN: J.KUENZL
CHECKED:
APPROVED:

SHEET TITLE

**DARK FOREST PL NE
'B' WATER LINE
PLAN & PROFILE**
STA B10+00 TO B14+30

W-05

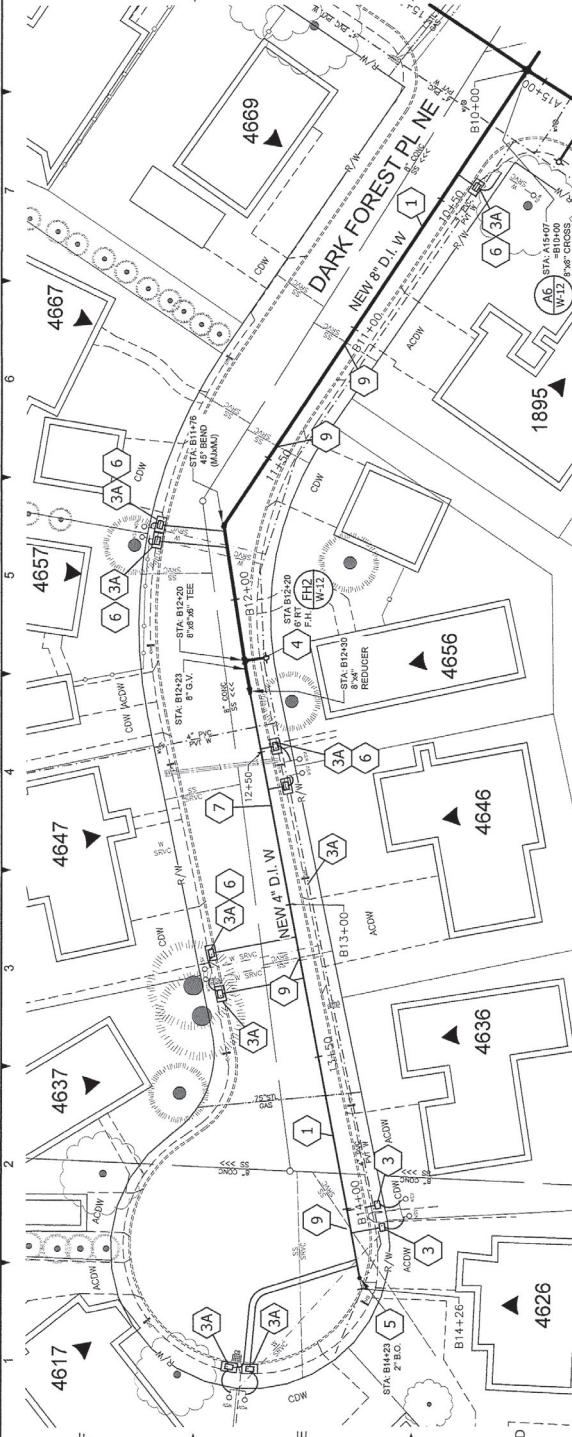
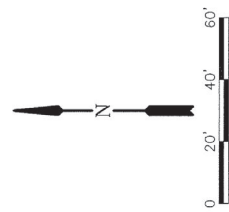
SHEET 18 OF 32

- CITY FORCES SHALL**
- (A) ABANDON
 - (C) CONNECT EXISTING TO NEW MAIN

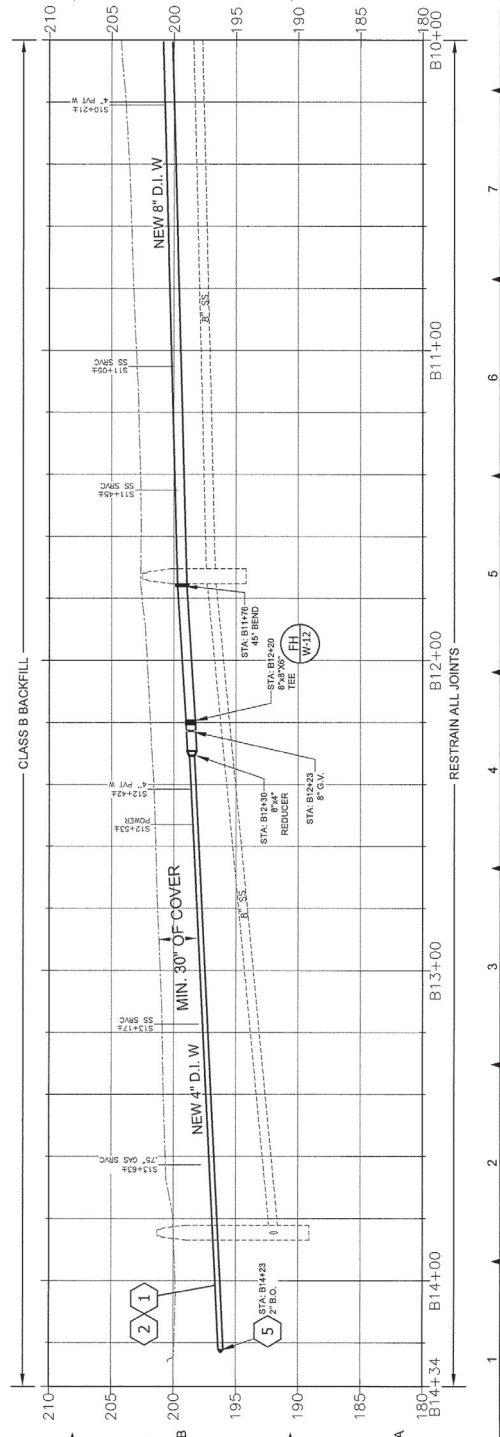
SHEET KEYNOTES

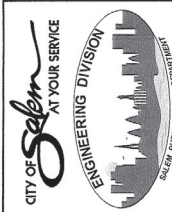
- CONSTRUCT (SIZE AS SUBMITTAL) CLASS 55 DUCTILE IRON PIPE MAINTAIN MINIMUM 36" OF COVER FROM FINISH GRADE.
- DEFLECT PIPE VERTICALLY PER MAXIMUM DEFLECTION PER MANUFACTURER'S RECOMMENDATION.
- CONSTRUCT NEW WATER SERVICE. NEW SERVICES SHALL BE 1" PIPE UNLESS OTHERWISE NOTED. SEE SEQUENCING FOR 1" PIPE. WATER METER INSTALL DETAIL C5 ON SHEET W-14.
- CONSTRUCT NEW WATER SERVICE. NEW SERVICES SHALL BE 1" PIPE UNLESS OTHERWISE NOTED. CONSTRUCT 2x5 APRON FOR NARROW SIDEWALK AREAS AND ROTATE WATER METER 90° SEE SEQUENCING FOR 1" PIPE. WATER METER INSTALL DETAIL C7 ON SHEET W-14.
- CONSTRUCT FIRE HYDRANT ASSEMBLY PER DETAIL C7 ON SHEET W-12.
- CONSTRUCT 2" BLOWOFF ASSEMBLY PER STD. PLAN 407.
- BORE, HAND DIG, OR VACUUM EXCAVATE WITHIN CRITICAL TREE ZONE. SEE DETAILS AND SGS FOR ADDITIONAL REQUIREMENTS.
- DEFLECT PIPE HORIZONTALLY. MAXIMUM DEFLECTION PER MANUFACTURER'S RECOMMENDATION.
- POT HOLE TO CONFIRM DEPTH OF EXISTING SANITARY SEWER. IF MINIMUM SEPARATION REQUIREMENTS PER OAT 333 ARE NOT ACHIEVED, REPLACE ONE 18" SECTION OF SEWER LATERAL WITH CL 50 DI PIPE. REPAIR AND RECONSTRUCT 422 AND 510.42 OF THE SPECIAL PROVISIONS.

(P) CONTRACTOR TO PROTECT.



ICABOD ST NE
SEE SHEET W-02





**SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS**

PN:720014

HORIZ DATUM: NAD 83-SPCS
VERT DATUM: NGVD 1929(47)
HORIZ SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGN: JAC
DRAWN: J.KUENZI
CHECKED:
APPROVED:

NO.	REVISIONS	DATE	BY
1			
2			
3			
4			
5			

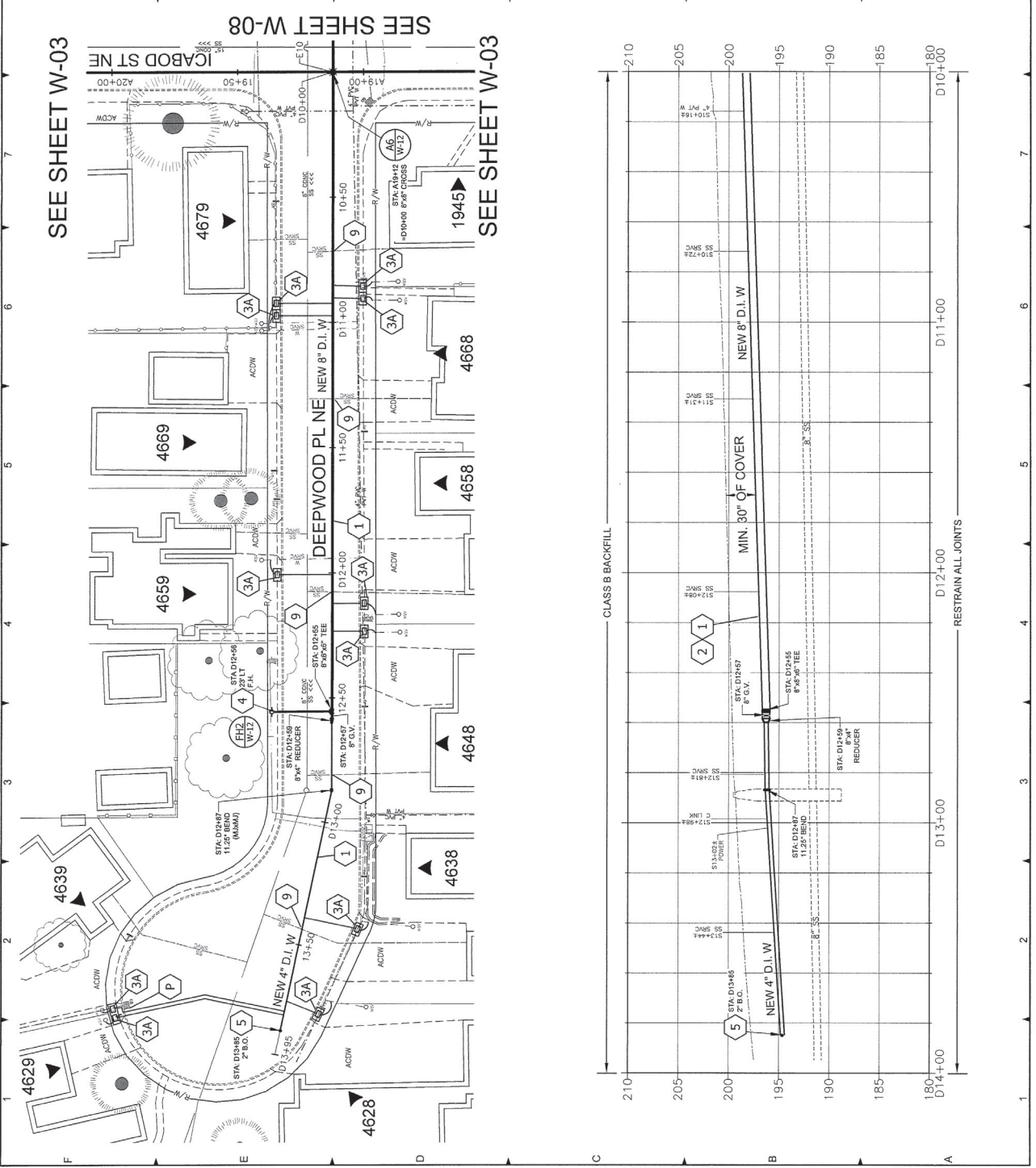
**DEEPWOOD PL NE
'D' WATER LINE
PLAN & PROFILE**

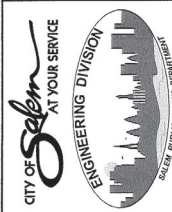
STA D10+00 TO D13+95

W-07

SHEET 20 OF 32

- CITY FORCES SHALL**
- (A) ABANDON
 - (C) CONNECT EXISTING TO NEW MAIN
- SHEET KEYNOTES**
- CONSTRUCT (SIZE AS SHOWN) CLASS C2 DUCTILE IRON PIPE WITH A MINIMUM 36" OF COVER FROM FINISH GRADE.
 - DEFLECT PIPE VERTICALLY TO MAXIMUM DEFLECTION PER MANUFACTURER'S RECOMMENDATION. SERVICES SHALL BE 1" PIPE UNLESS OTHERWISE NOTED. SEE SEQUENCING AND SCS FOR METER INSTALL DETAIL C5 ON SHEET W-14.
 - CONSTRUCT NEW WATER SERVICE. NEW SERVICES SHALL BE 1" PIPE UNLESS OTHERWISE NOTED. CONSTRUCT 2x5 APRON FOR NARROW SIDEWALK AREAS AND ROTATE WATER METER 60° SEE SEQUENCING ON SHEET W-14.
 - CONSTRUCT FIRE HYDRANT ASSEMBLY PER DETAIL C7 ON SHEET W-12.
 - CONSTRUCT 2" BLOWOFF ASSEMBLY PER STD. PLAN 407.
 - BORE HAND DIG OR VACUUM EXCAVATE WITHIN CRITICAL TREE ZONE. SEE DETAILS AND SCS FOR ADDITIONAL REQUIREMENTS.
 - POT-HOLE TO CONFIRM DEPTH OF EXISTING SANITARY SEWER. IF MINIMUM SEPARATION REQUIREMENTS PER OAT 333 ARE NOT ACHIEVED, REPLACE ONE 18" SECTION OF SEWER LATERAL WITH CL 50 DI PIPE. REPAIR EXISTING 42" AND 50" DI OF THE SPECIAL PROVISIONS.
 - CONTRACTOR TO PROTECT.





REGISTERED PROFESSIONAL
ENGINEER
65591PE
OREGON
BENJAMIN R. HANEY
DECEMBER 29 2009
EXPIRES 6-30-2023
DATE SIGNED

**SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS**

NO.	REVISIONS	DATE	BY
1	DESCRIPTION		
2			
3			
4			
5			

PN:720014

HORIZ DATUM: NAD 83-SPCS
VERT DATUM: NGVD 1929(47)
PROJECT: AS SHOWN
VERT SCALE: AS SHOWN
HORIZ SCALE: AS SHOWN
DESIGN: JC
DRAWN: J.KUENZ
CHECKED:
APPROVED:

SHEET TITLE

**DEEPWOOD LP NE
'E' WATER LINE
PLAN & PROFILE**
STA E10+00 TO E11+47

W-08

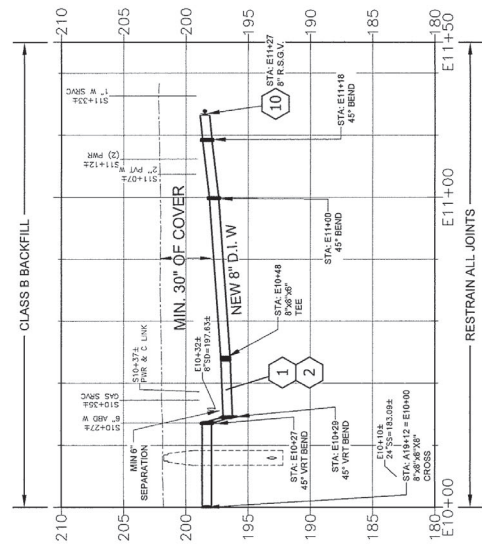
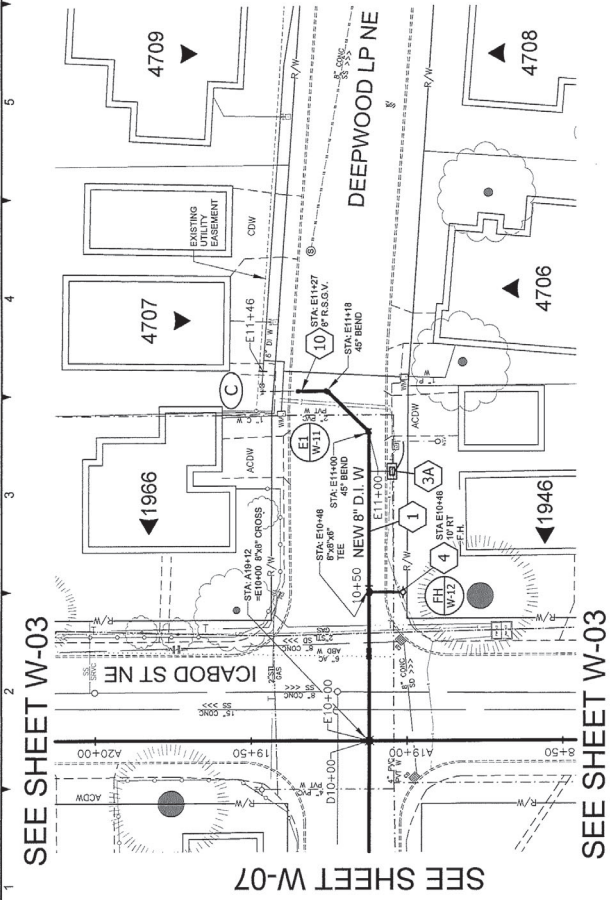
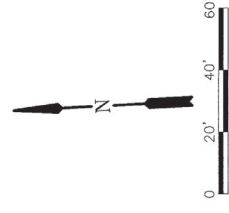
SHEET 21 OF 32

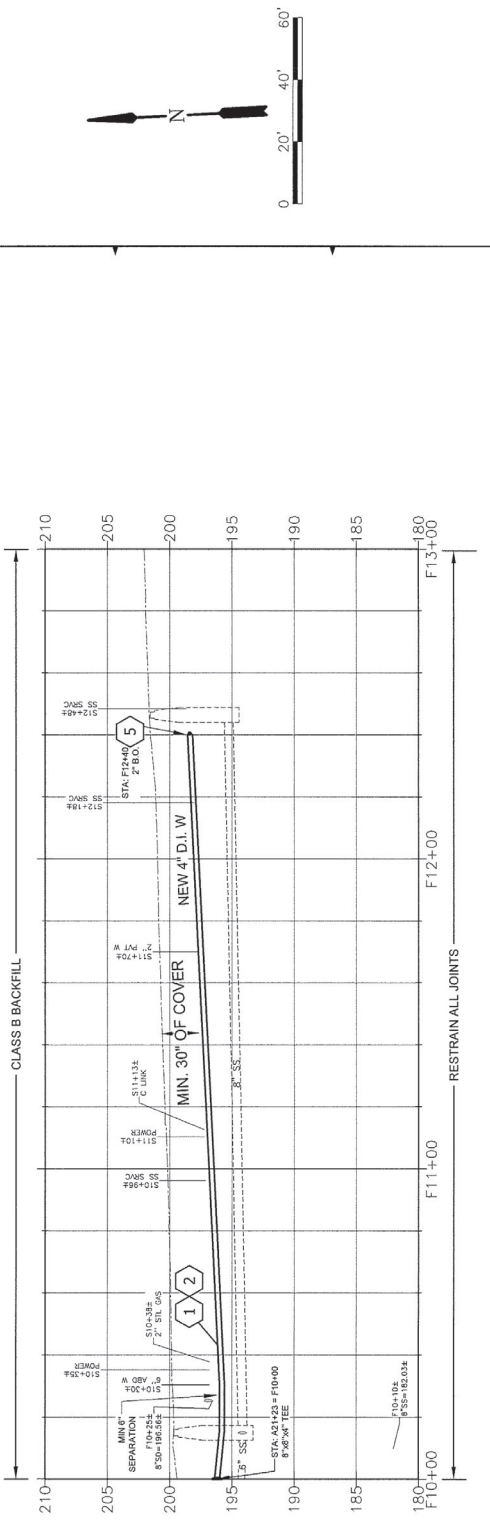
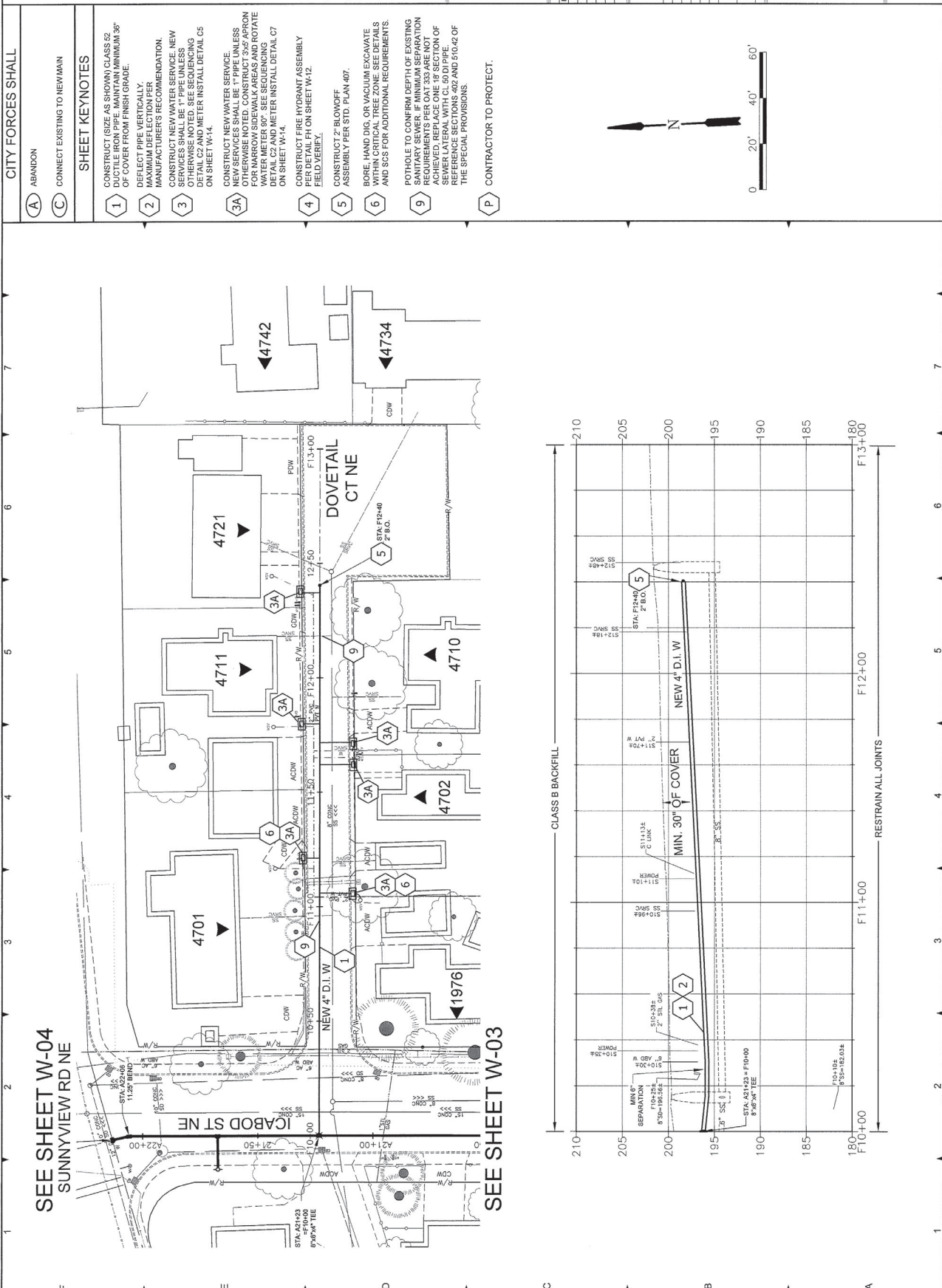
CITY FORCES SHALL

- (A) ABANDON
- (C) CONNECT EXISTING TO NEW MAIN

SHEET KEYNOTES

- (1) CONSTRUCT (SIZE AS SHOWN) CLASS 55 DUCTILE IRON PIPE, MAINTAIN MINIMUM 36" OF COVER FROM FINISH GRADE.
- (2) DEFLECT PIPE VERTICALLY MAXIMUM DEFLECTION PER MANUFACTURER'S RECOMMENDATION.
- (3) CONSTRUCT NEW WATER SERVICE. NEW SERVICES SHALL BE 1" PIPE UNLESS OTHERWISE NOTED. SEE SEQUENCING DETAIL C2 AND METER INSTALL DETAIL C5 ON SHEET W-14.
- (3A) CONSTRUCT NEW WATER SERVICE. NEW SERVICES SHALL BE 1" PIPE UNLESS OTHERWISE NOTED. CONSTRUCT 5% APRON FOR NARROW SIDEWALK AREAS AND ROTATE WATER METER 90°. SEE SEQUENCING DETAIL C2 AND METER INSTALL DETAIL C7 ON SHEET W-14.
- (4) CONSTRUCT FIRE HYDRANT ASSEMBLY PER DETAIL C11 ON SHEET W-12.
- (6) BORE, HAND DIG, OR VACUUM EXCAVATE WITHIN CRITICAL TREE ZONE. SEE DETAILS AND SGS FOR ADDITIONAL REQUIREMENTS.
- (10) CONSTRUCT 2" BLOWOFF WITH 8" INLINE GATE VALVE PER STD. PLAN 405.
- (P) CONTRACTOR TO PROTECT.







EXPIRES 6-30-2023
DATE SIGNED

SLEEPY HOLLOW WATER LINE IMPROVEMENTS

NO.	REVISIONS	DATE	BY
1			
2			
3			
4			
5			

PN:720014

HORIZ DATUM: NAD 83-SPCS
VERT DATUM: NGVD (1929/47)
PROJECT NO: 2014-01
SHEET NO: 23 OF 32
DESIGN: JC
DRAWN: J. KUENZ
CHECKED:
APPROVED:

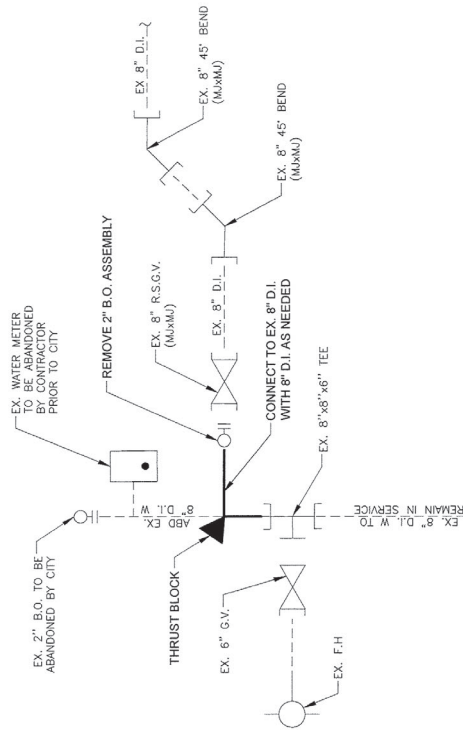
SHEET TITLE

WATER LINE CONNECTION DETAILS A' LINE

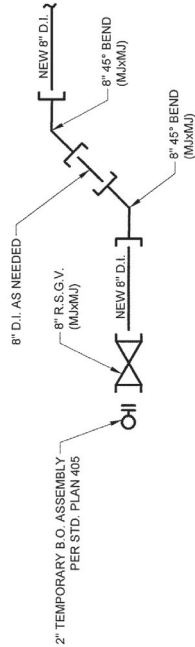
W-10

SHEET 23 OF 32

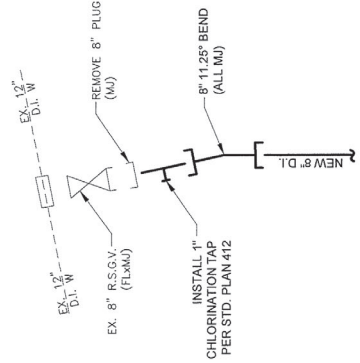
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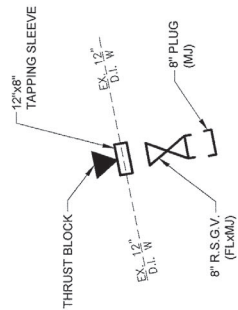
A2 CITY AFTER CONTRACTOR
CONNECTION DETAIL (STA A9+98) NTS



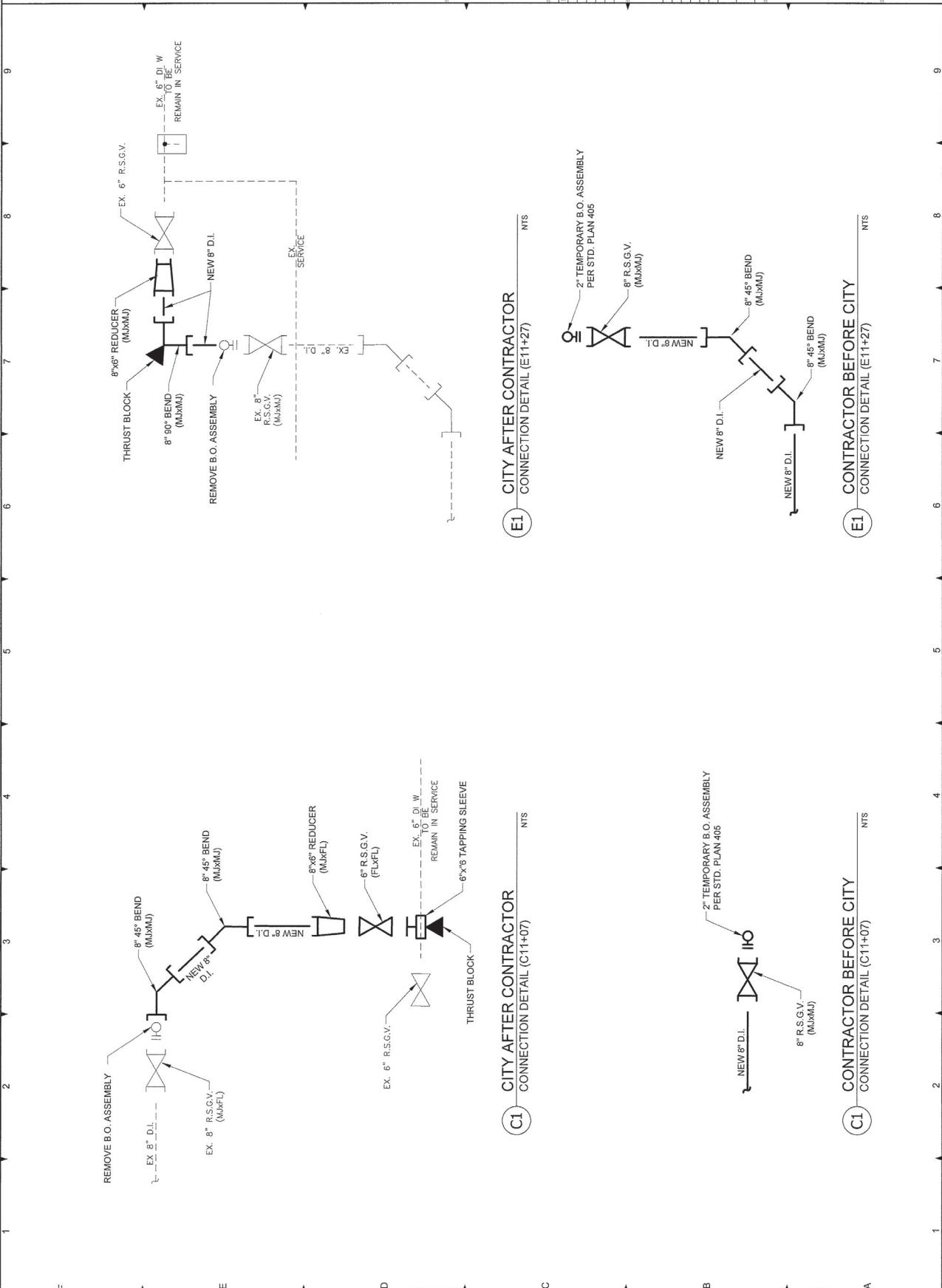
A1 CONTRACTOR BEFORE CITY
CONNECTION DETAIL (STA A10+06) NTS



A4 CONTRACTOR AFTER CITY
CONNECTION DETAIL (STA A22+13) NTS



A3 CITY BEFORE CONTRACTOR
CONNECTION DETAIL (STA A22+13) NTS



SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

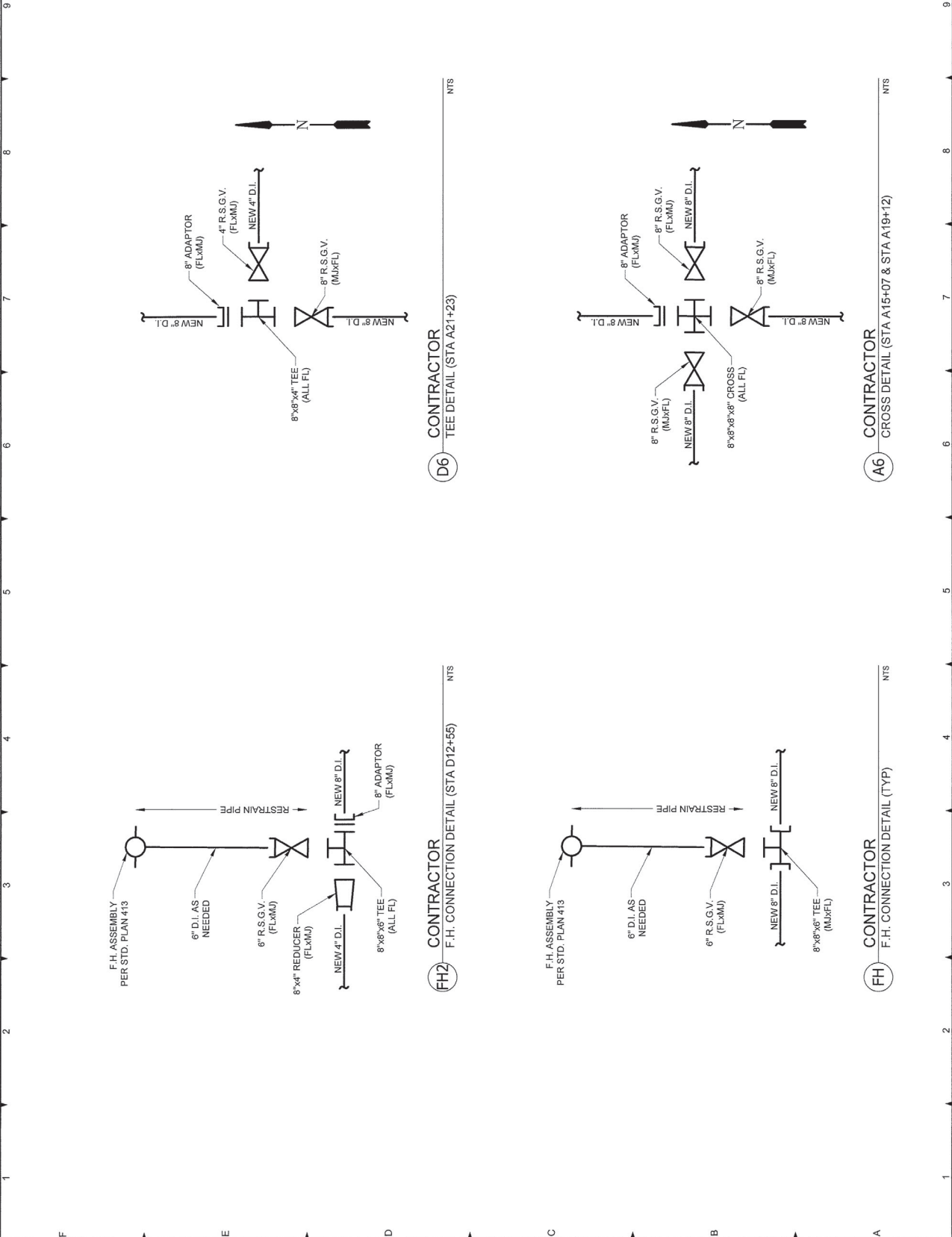
PN:720014

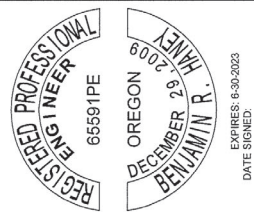
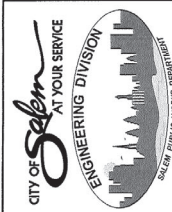
HORIZ DATUM:	NAD 83-SPCS
VERT DATUM:	NGVD 1929(47)
UNIT SYSTEM:	US
VERT SCALE:	AS SHOWN
DESIGN:	JC
DRAWN:	J.KUENZ
CHECKED:	
APPROVED:	

SHEET TITLE

WATER LINE
CONNECTION
DETAILS

W-12





SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

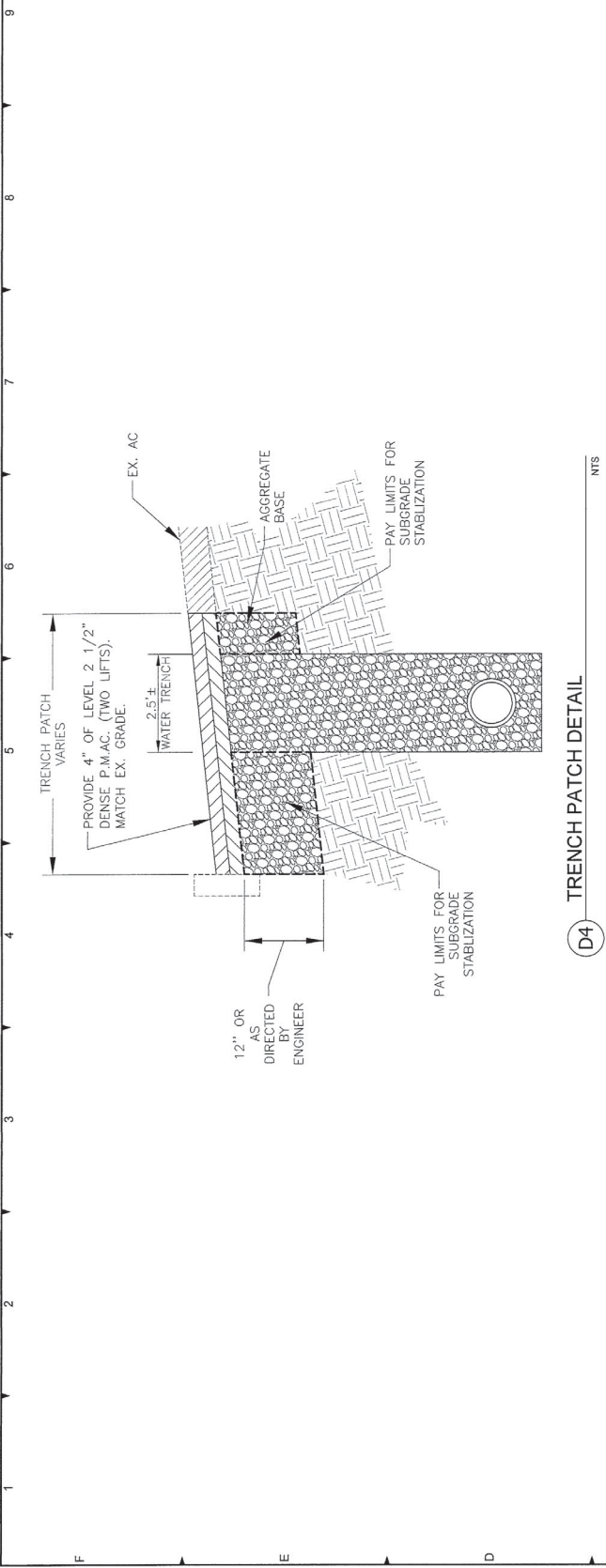
PN:720014

HORIZ DATUM: NAD 83-SPCS
VERT DATUM: NGVD 1929(47)
HATCH SCALE: AS SHOWN
TRENCH SCALE: AS SHOWN
DESIGN: JC
DRAWN: J.KUENZ
CHECKED:
APPROVED:

SHEET TITLE

TRENCH PATCH
DETAIL & AS-BUILT
VALVE SCHEDULE

W-13



AS-BUILT VALVE SCHEDULE						
SHEET	STATION	SIZE	END TYPE (MJ OR FL)	MANUFACTURER	GATE OR BUTTERFLY	COMMENTS
W-01	A10+06	8"	MJM		GATE	TEMPORARY BLOWOFF WITH INLINE VALVE
W-02	A14+82	6"	FLMJ		GATE	FIRE HYDRANT VALVE
W-03	A15+07	8"	FLMJ		GATE	
W-04	A19+12	8"	FLMJ		GATE	
W-05	A21+23	8"	FLMJ		GATE	
W-06	A21+67	6"	FLMJ		GATE	FIRE HYDRANT VALVE
W-07	A22+13	8"	FLMJ		GATE	HOT TAP VALVE INSTALLED BY CITY
W-08	B10+00	8"	FLMJ		GATE	
W-09	B12+20	8"	FLMJ		GATE	FIRE HYDRANT VALVE
W-10	C10+00	8"	FLMJ		GATE	
W-11	C11+07	8"	MJM		GATE	TEMPORARY BLOWOFF WITH INLINE VALVE
W-12	D10+00	8"	FLMJ		GATE	
W-13	D12+55	6"	MJM		GATE	FIRE HYDRANT VALVE
W-14	E10+00	8"	FLMJ		GATE	
W-15	E11+25	8"	FLMJ		GATE	TEMPORARY BLOWOFF WITH INLINE VALVE
W-16	F10+00	4"	FLMJ		GATE	

METER INSTALL AT 2 FT SIDEWALK

2 SAWCUT PAVEMENT AS SHOWN.





REGISTERED PROFESSIONAL
ENGINEER
65591PE
OREGON
DECEMBER 29 2009
BENJAMIN R. HANEY
EXPIRES 6-30-2023
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SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

PN:720014

HORIZ DATUM: NAD 83-SPCS
VERT DATUM: NGVD 1929(47)
HORIZ SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGN: JC
DRAWN: J.KUENZ
CHECKED:
APPROVED:

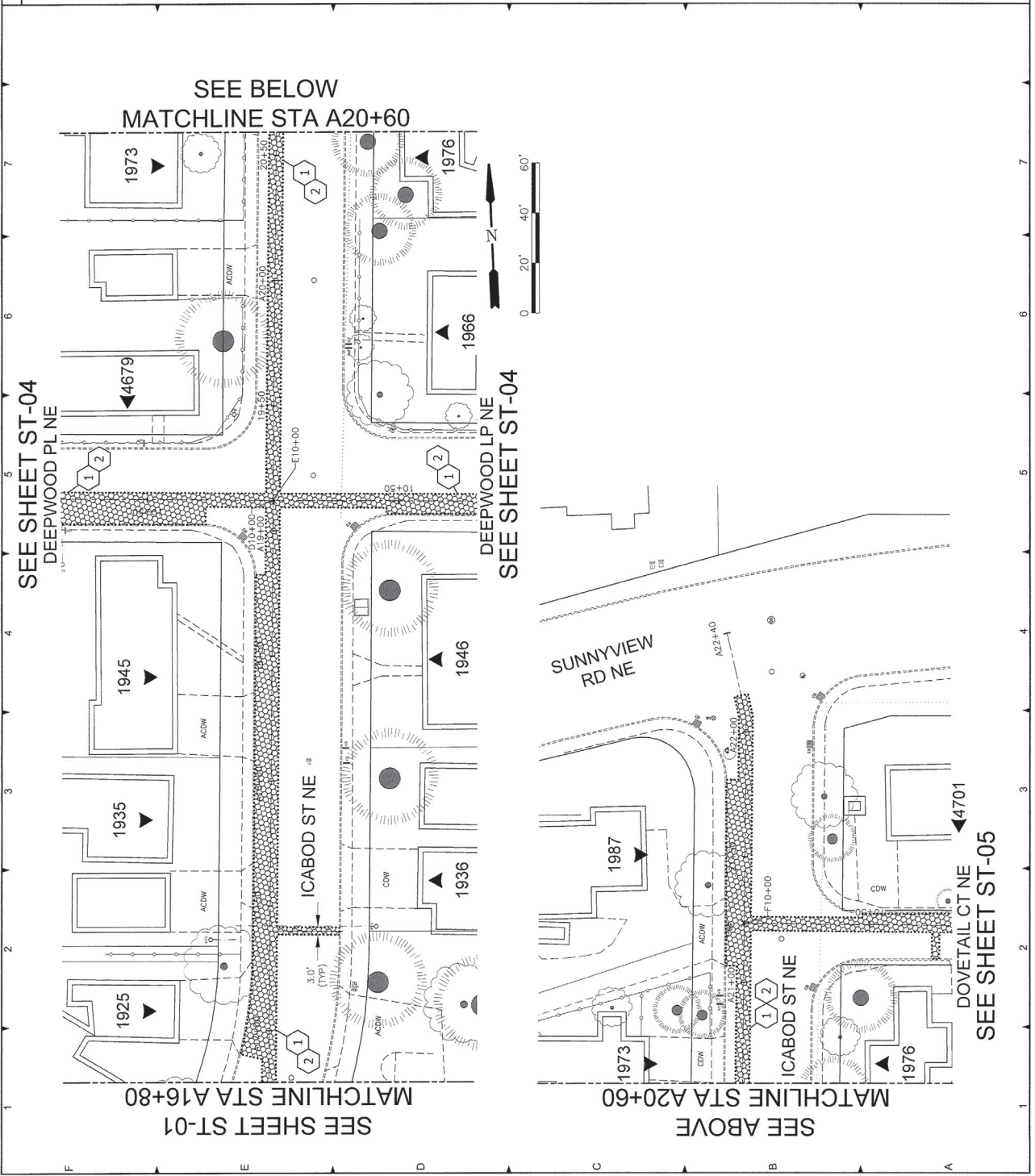
SHEET TITLE
ICABOD ST NE
RESTORATION
PLAN
STA A16+80 TO A22+15

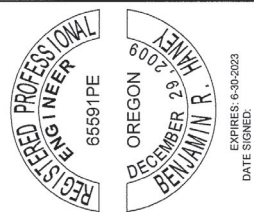
ST-02

SHEET 29 OF 32

SHEET KEYNOTES

- 1 PAVEMENT RESTORATION LIMITS.
SEE DETAIL D4 ON SHEET W-13.
- 2 SAWCUT PAVEMENT AS SHOWN.





SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

NO.	REVISIONS	DATE	BY
1			
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5			

PN:720014

HORIZ DATUM: MGD 83 SPGS
VERT DATUM: NGVD 1929(47)
PLAN SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGN: J.C. BROWN
DRAWN: J. KUENZ
CHECKED:
APPROVED:

SHEET TITLE
DARK FOREST PL NE
DEEPWOOD LP NE

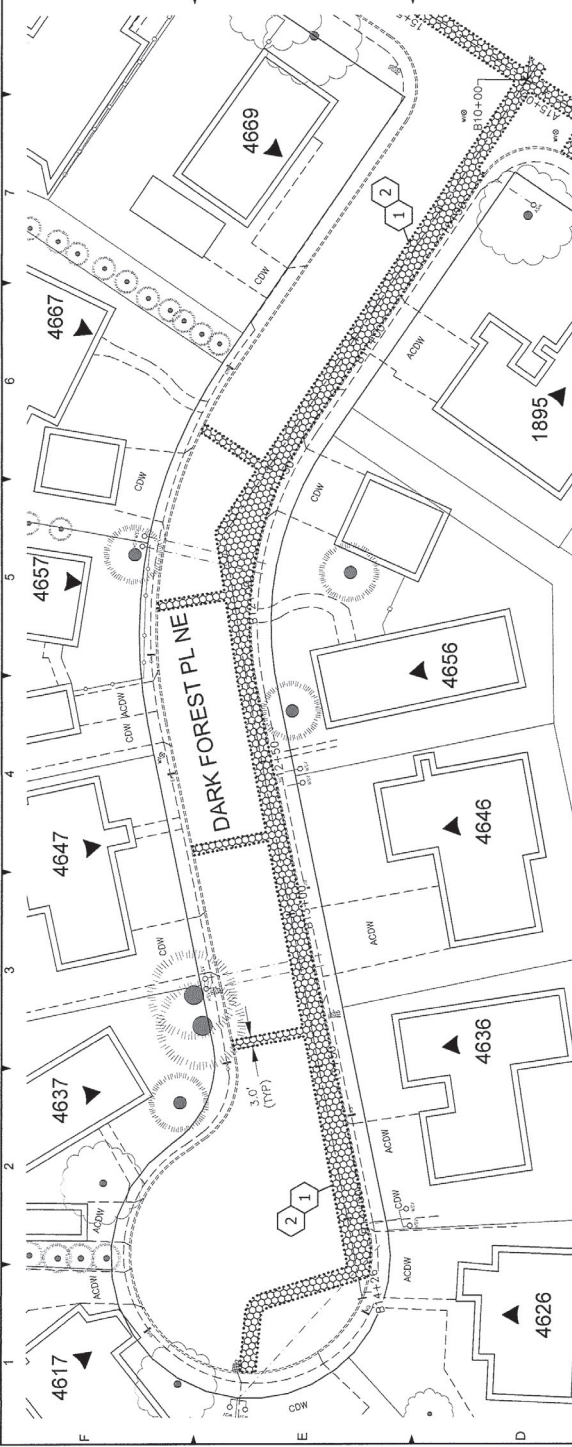
RESTORATION PLAN
STA B10+00 TO B14+30
STA C10+00 TO C11+25

ST-03

SHEET 30 OF 32

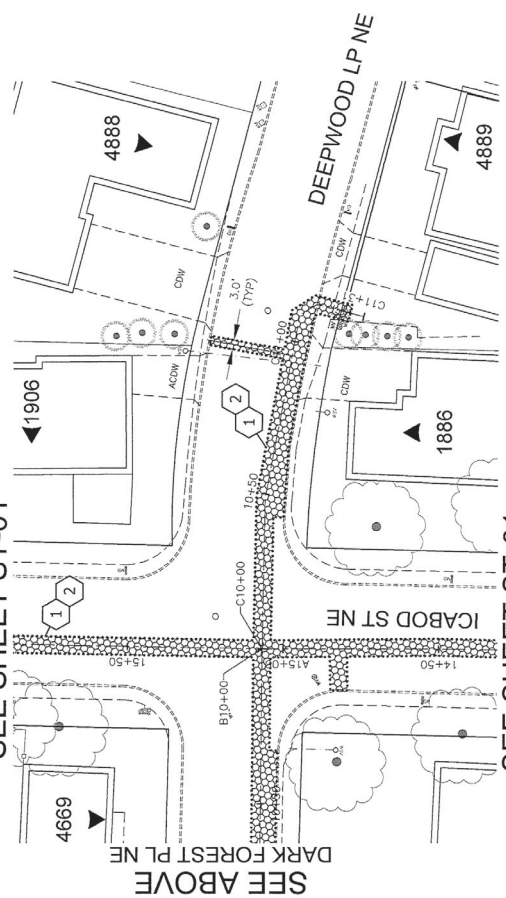
SHEET KEYNOTES

- 1 PAVEMENT RESTORATION LIMITS.
SEE DETAIL D4 ON SHEET W-13.
- 2 SAWCUT PAVEMENT AS SHOWN.

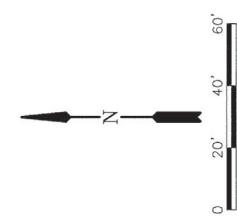


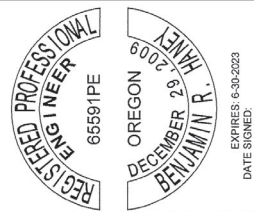
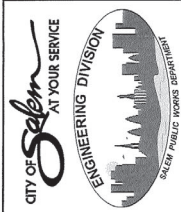
ICABOD ST NE
SEE SHEET ST-01

SEE SHEET ST-01



SEE SHEET ST-01





SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

NO.	REVISIONS	DATE	BY
1			
2			
3			
4			
5			

PN:720014

HORIZ DATUM: NAD 83-SPCS
VERT DATUM: NGVD 1929(47)
HORIZ SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGN: JC
DRAWN: J. KUENZ
CHECKED:
APPROVED:

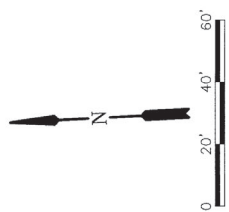
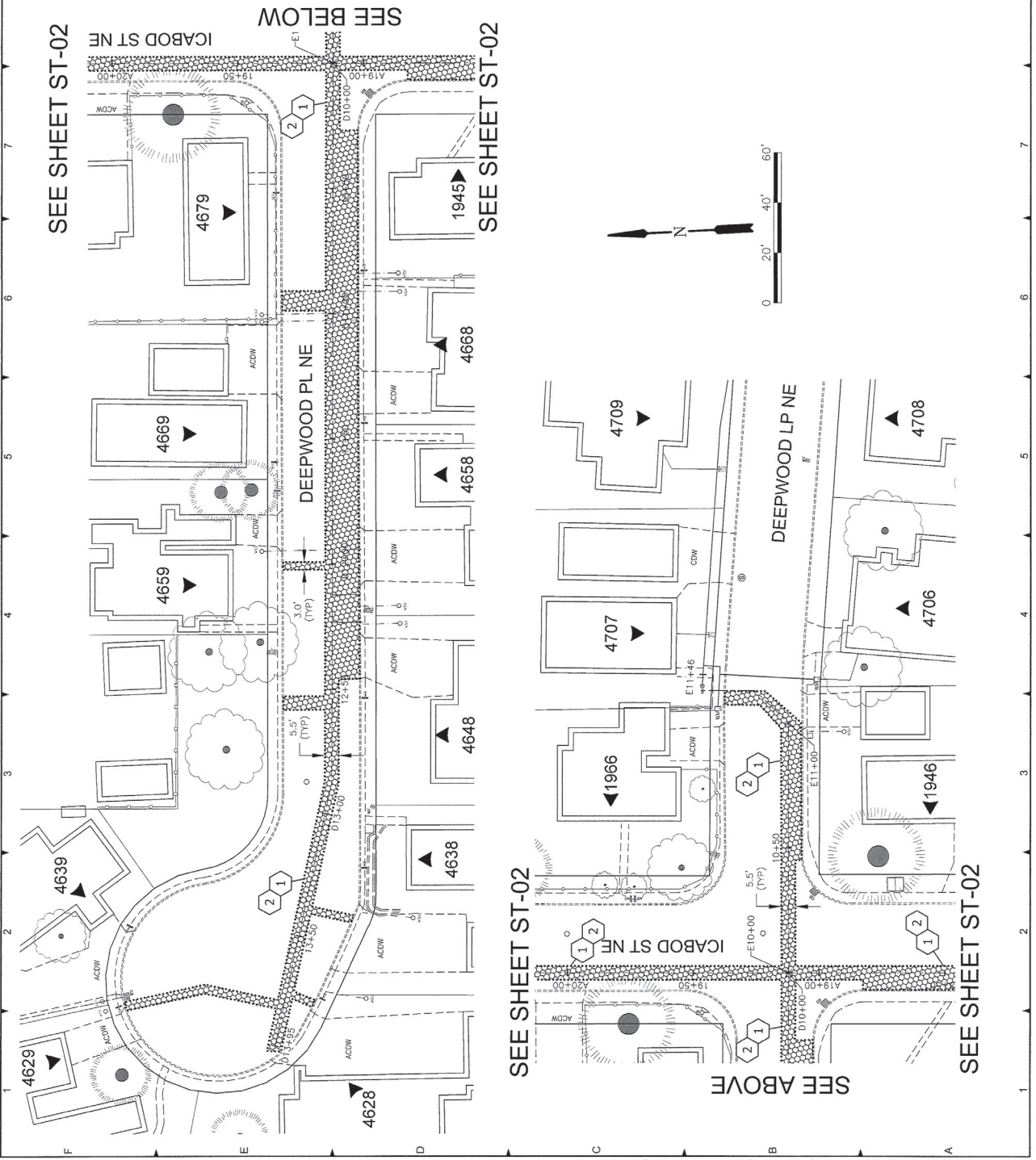
SHEET TITLE
DEEPWOOD PL NE
DEEPWOOD LP NE

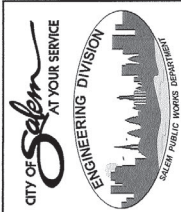
RESTORATION PLAN
STA D10+00 TO D13+95
STA E10+00 TO E11+50

ST-04
SHEET 31 OF 32

SHEET KEYNOTES

- 1 PAVEMENT RESTORATION LIMITS.
SEE DETAIL D4 ON SHEET W-13.
- 2 SAWCUT PAVEMENT AS SHOWN.





REGISTERED PROFESSIONAL
ENGINEER
65591PE
OREGON
DECEMBER 29, 2009
BENJAMIN R. HANEY
EXPIRES 6-30-2023
DATE SIGNED:

SLEEPY HOLLOW
WATER LINE
IMPROVEMENTS

NO.	REVISIONS	DATE	BY
1			
2			
3			
4			
5			

PN:720014

HORIZ DATUM: MAD 83-SPCS
VERT DATUM: NGVD 1929(47)
HORIZ SCALE: AS SHOWN
VERT SCALE: AS SHOWN
DESIGNER: J.C. KUENZ
DRAWN: J. KUENZ
CHECKED:
APPROVED:

SHEET TITLE

DOVETAIL CT NE
RESTORATION
PLAN

STA F10+00 TO F12+37

ST-05

SHEET 32 OF 32

SHEET KEYNOTES

1 PAVEMENT RESTORATION LIMITS.
SEE DETAIL D4 ON SHEET W-13.



2 SAWCUT PAVEMENT AS SHOWN.

