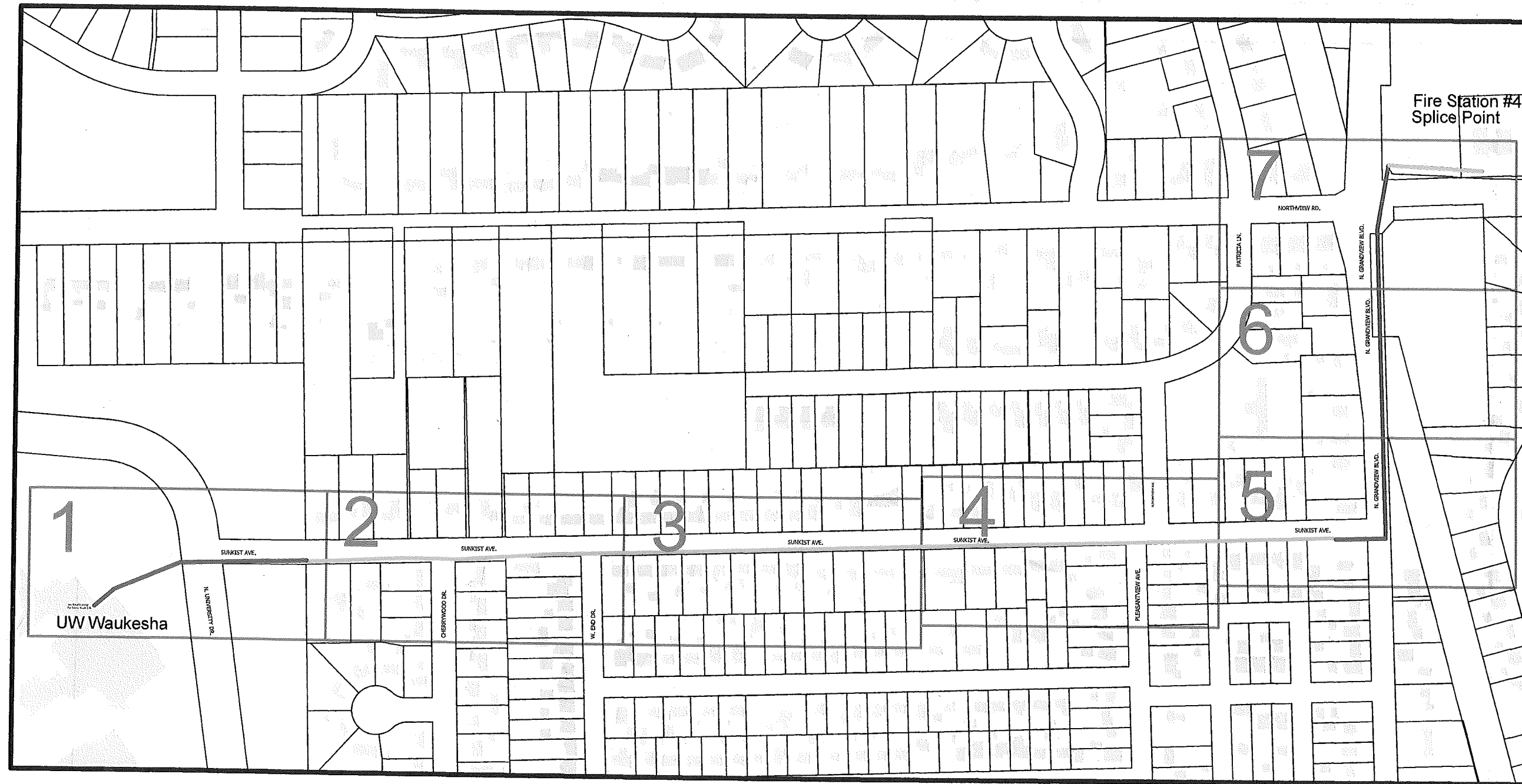


MC&E ENGINEERING	\$1,399.29
MC&E PROJECT MANAGEMENT	\$3,386.82
MATERIAL	\$1,282.00
UNDERGROUND CONSTRUCTION	\$9,918.05
SPLICING AND TERMINATION	\$3,657.60
GRAND TOTAL	\$19,643.77

UW
Waukesha





Fire Station #4
Splice Point

1

2

3

4

5

6

7

UW Waukesha

UNIVERSITY DR.

CHERRYWOOD DR.

W. END DR.

RESERVOIR AVE.

PATRICHIA LN.

NORTHVIEW RD.

N. GRANDVIEW BLVD.

SUNQUIST AVE.

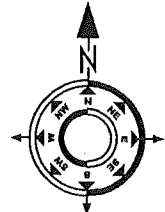
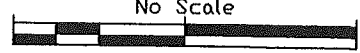
SUNQUIST AVE.

SUNQUIST AVE.

SUNQUIST AVE.

SUNQUIST AVE.

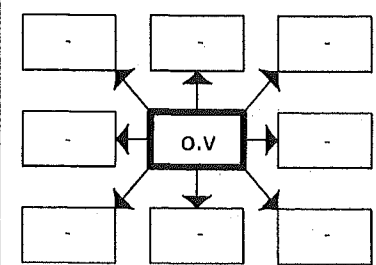
CITY OF WAUKESHA
FIRE STATION #4 TO
UW WAUKESHA CAMPUS CONNECITON
 6/25/2014
 No Scale



Legend

- = New Duct Route
- = Aerial Route
- = Existing Duct Route

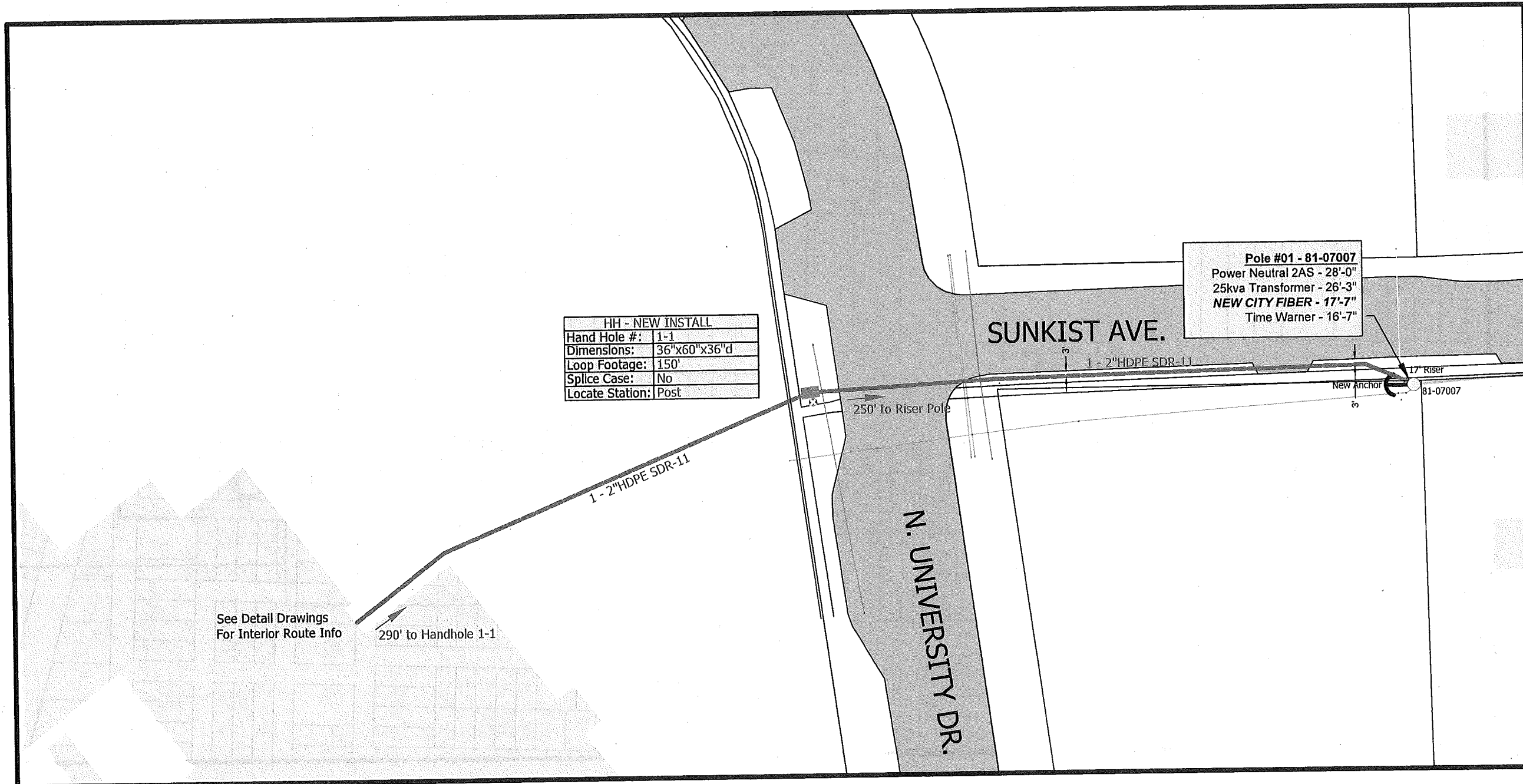
Map Key



Drawn By: Dan Becker
 Title: CAD Operator
 Company: MC&E
 Phone: (920) 676-3496
 Email: dbecker@mcae.biz

Page Number:
overview

MC&E Multimedia Communications & Engineering, Inc.
 PO Box 11064 Green Bay, WI
 Ph. (920) 676-0494 Fax (920) 467-9770



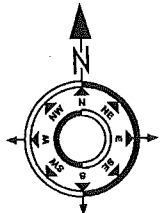
HH - NEW INSTALL	
Hand Hole #:	1-1
Dimensions:	36"x60"x36"d
Loop Footage:	150'
Splice Case:	No
Locate Station:	Post

Pole #01 - 81-07007
 Power Neutral 2AS - 28'-0"
 25kva Transformer - 26'-3"
 NEW CITY FIBER - 17'-7"
 Time Warner - 16'-7"

See Print 2

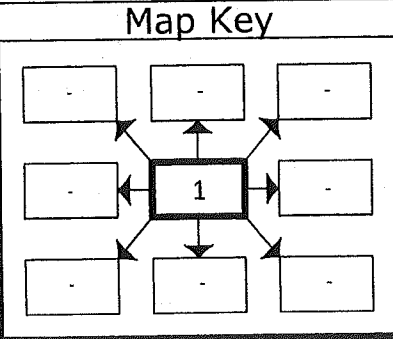
CITY OF WAUKESHA
FIRE STATION #4 TO
UW WAUKESHA CAMPUS CONNECITON
 6/25/2014
 Scale: 1"=50'

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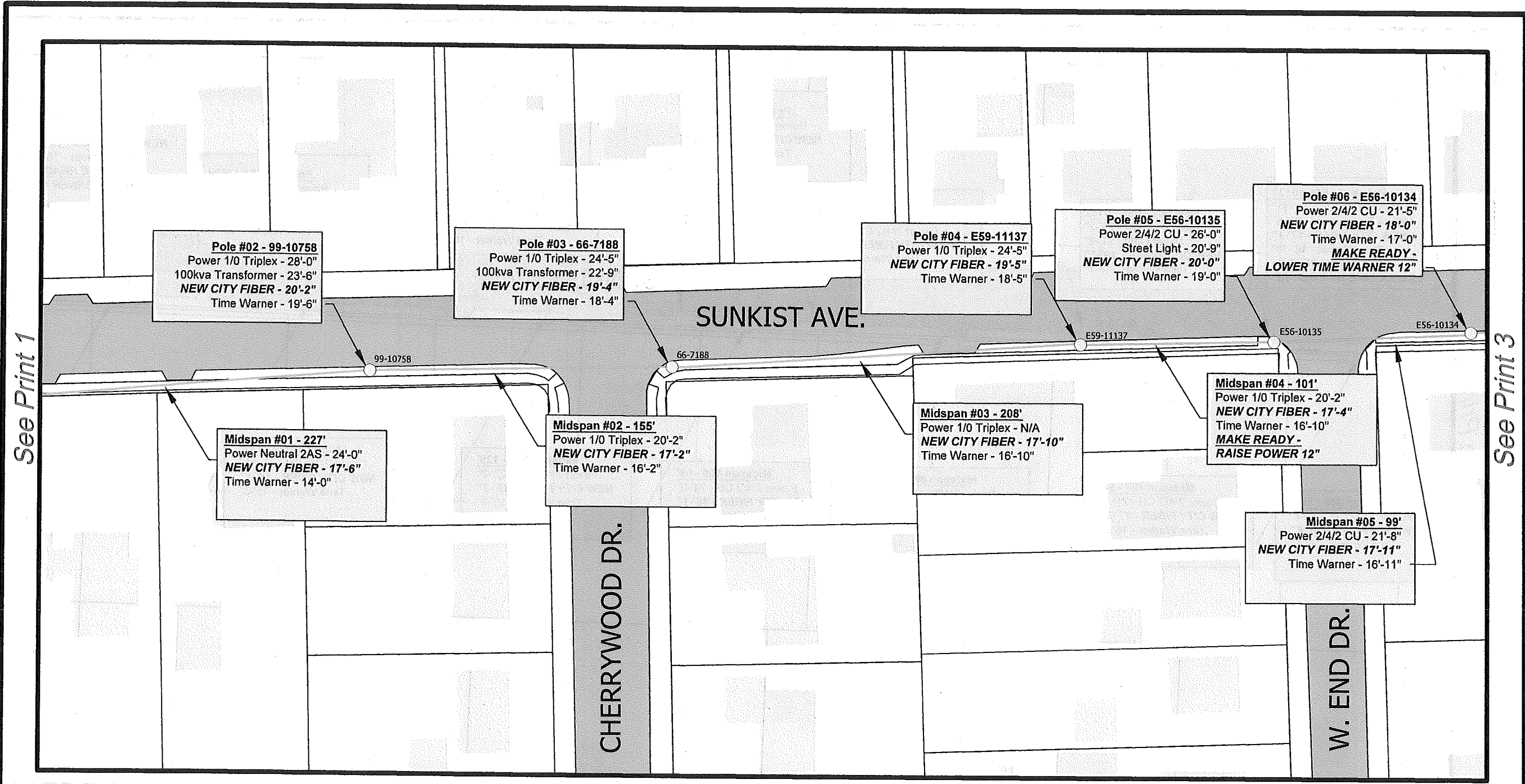


Legend			
	= New 2" Duct Install		= Utility Pole
	= New Handhole		= Fire Hydrant
	= New Locate Station		= Traffic Control Box
	= Telco		= Telco Ped
	= Cable TV		= Cable TV Ped
	= Electric		= Electric Ped
	= Gas		= Electric Transformer
	= Water		= Catch Basin / Inlet
	= Sanitary Sewer		= Round Catch Basin / Inlet
	= Storm Sewer		= Manhole
			= Handhole
			= Utility Pole
			= Anchor
			= Strand
			= Overhead Guy
			= Public Right of Way
			= Street Light

Typical Install Depth is 36"



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 Title: CAD Operator
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 Page Number:
 1

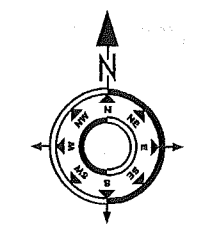


See Print 1

See Print 3

CITY OF WAUKESHA
FIRE STATION #4 TO
UW WAUKESHA CAMPUS CONNECITON
6/25/2014
 Scale: 1"=50'

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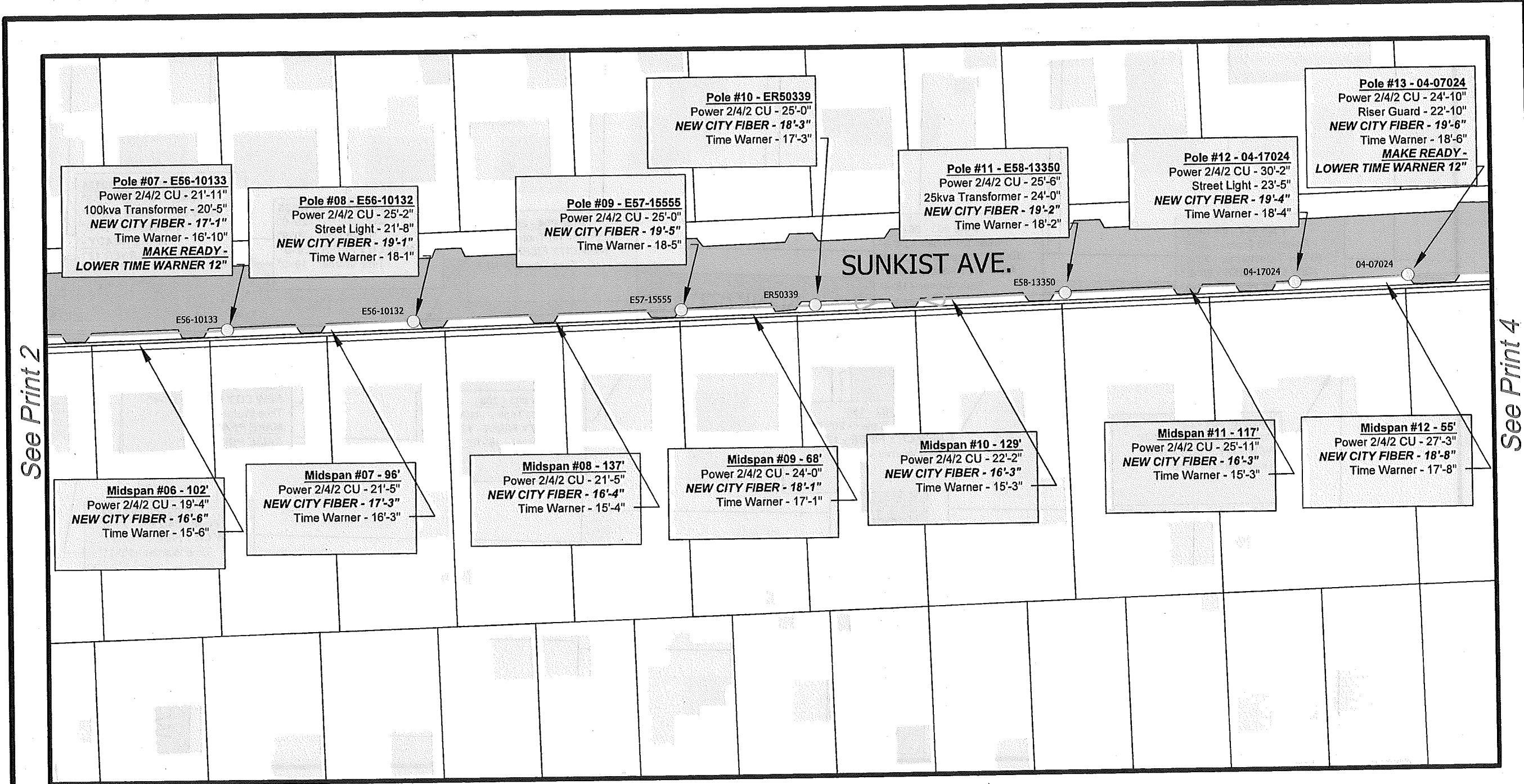
Legend

- - - = New 2" Duct Install	○ = Utility Pole	○ = Utility Pole
■ = New Handhole	♥ = Fire Hydrant	→ = Anchor
⊗ = New Locate Station	■ = Traffic Control Box	— = Strand
— = Telco	■ = Telco Ped	— = Overhead Guy
— = Cable TV	● = Cable TV Ped	— = Public Right of Way
— = Electric	■ = Electric Ped	— = Street Light
— = Gas	■ = Electric Transformer	
— = Water	■ = Catch Basin / Inlet	
— = Sanitary Sewer	● = Round Catch Basin / Inlet	
— = Storm Sewer	● = Manhole	
	□ = Handhole	

Typical Install Depth is 36"

Map Key

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 Page Number:
2

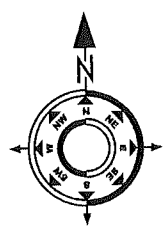


See Print 2

See Print 4

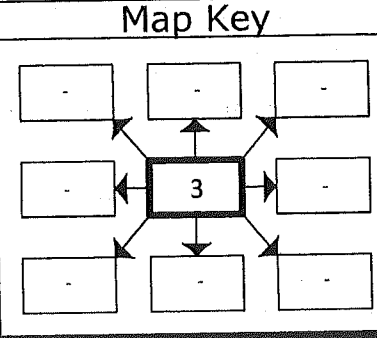
CITY OF WAUKESHA
FIRE STATION #4 TO
UW WAUKESHA CAMPUS CONNECITON
6/25/2014
 Scale: 1"=50'

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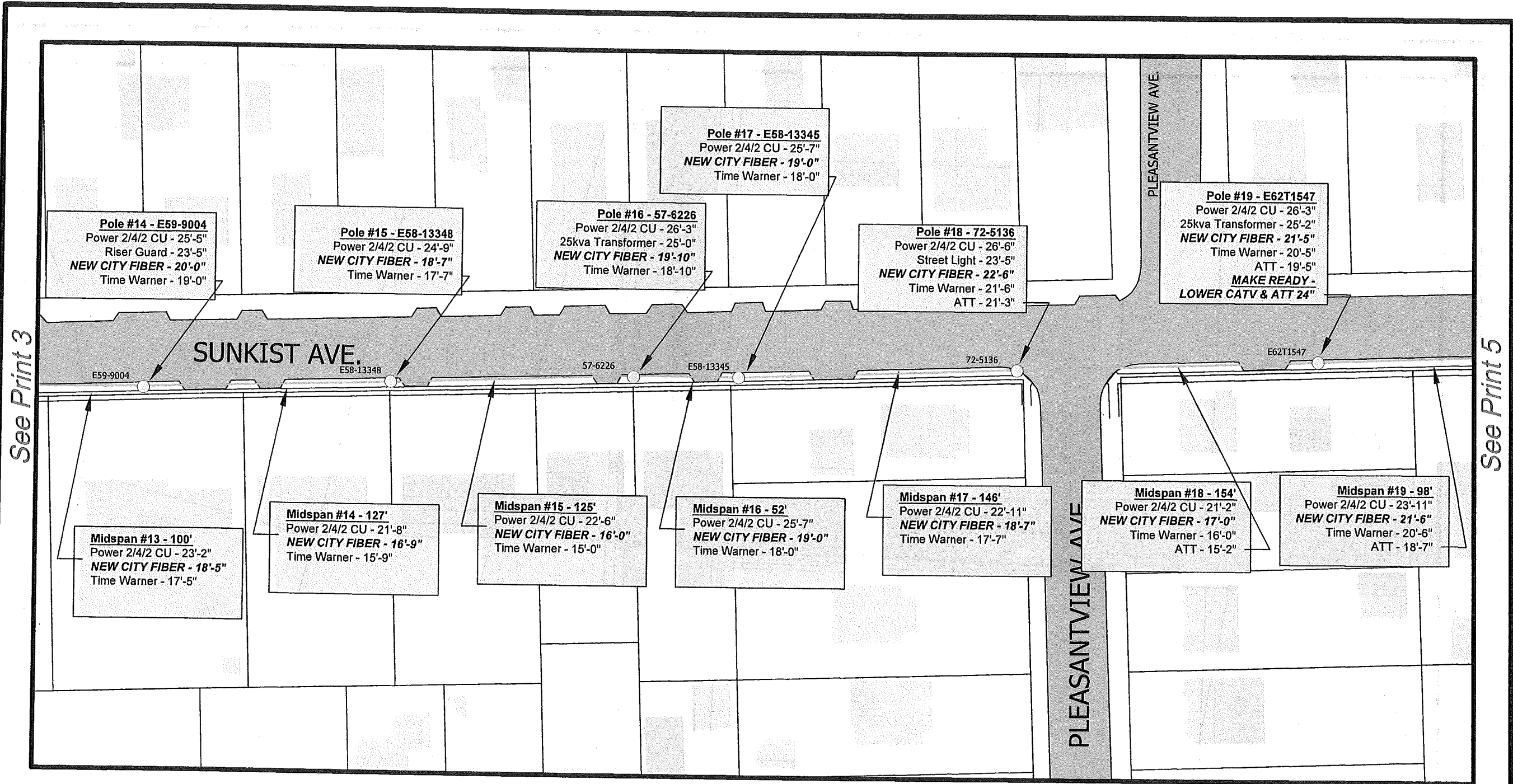


Legend			
	= New 2" Duct Install		= Utility Pole
	= New Handhole		= Fire Hydrant
	= New Locate Station		= Traffic Control Box
	= Telco		= Telco Ped
	= Cable TV		= Cable TV Ped
	= Electric		= Electric Ped
	= Gas		= Electric Transformer
	= Water		= Catch Basin / Inlet
	= Sanitary Sewer		= Round Catch Basin / Inlet
	= Storm Sewer		= Manhole
			= Handhole
			= Utility Pole
			= Anchor
			= Strand
			= Overhead Guy
			= Public Right of Way
			= Street Light

Typical Install Depth is 36"



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 Page Number:
3



See Print 3

See Print 5

CITY OF WAUKESHA
FIRE STATION #4 TO
UW WAUKESHA CAMPUS CONNECITON
6/25/2014
Scale: 1"=50'

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Legend

--- = New 2" Duct Install	○ = Utility Pole	○ = Utility Pole
■ = New Handhole	■ = Fire Hydrant	○ = Anchor
⊗ = New Locate Station	□ = Traffic Control Box	— = Strand
— = Telco	■ = Telco Ped	— = Overhead Guy
— = Cable TV	● = Cable TV Ped	— = Public Right of Way
— = Electric	■ = Electric Ped	— = Street Light
— = Gas	■ = Electric Transformer	
— = Water	■ = Catch Basin / Inlet	
— = Sanitary Sewer	● = Round Catch Basin / Inlet	
— = Storm Sewer	● = Manhole	
	□ = Handhole	

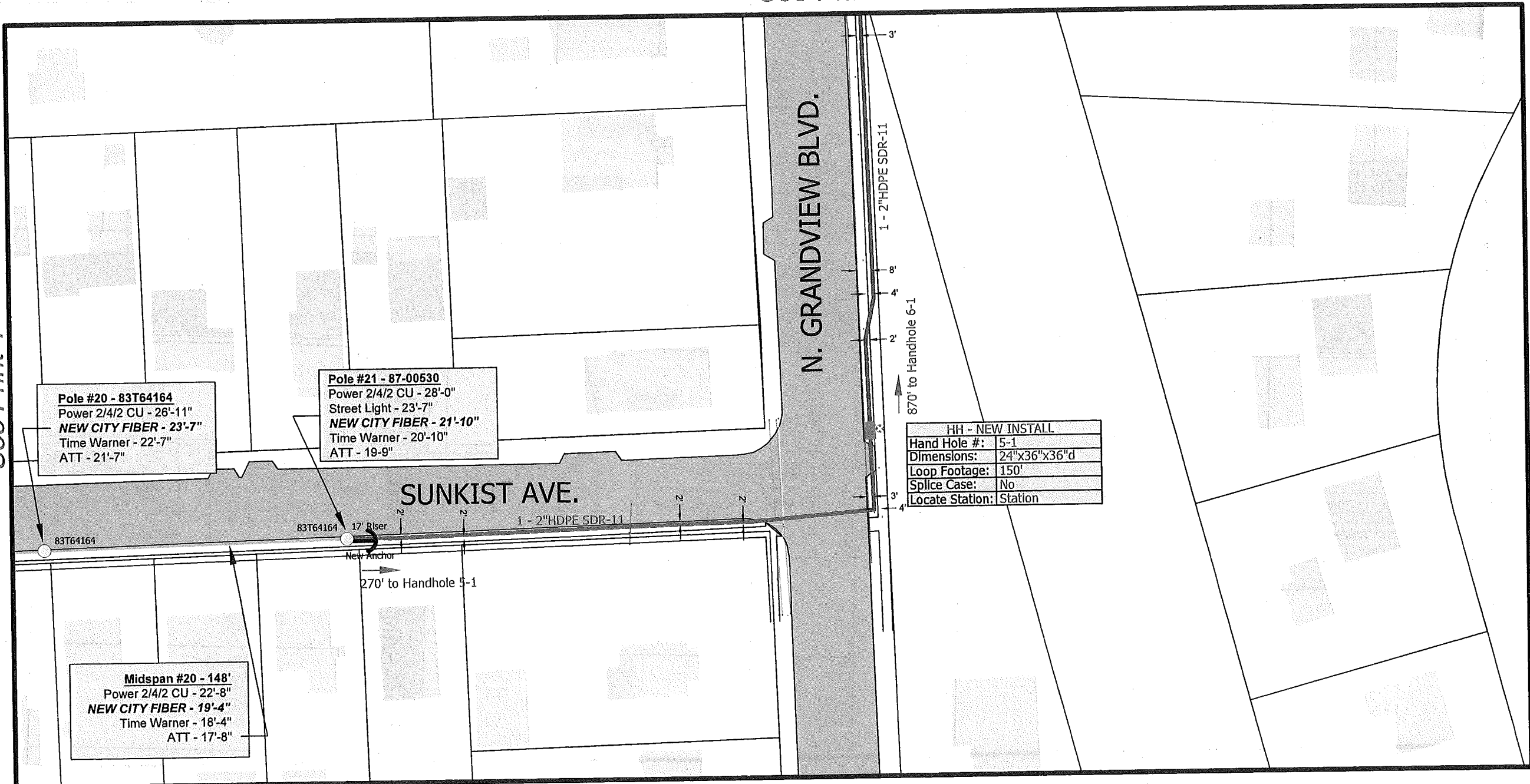
Typical Install Depth is 36"

Map Key

Drawn By: Dan Becker
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Page Number:
4

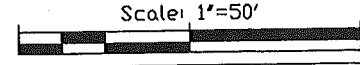
See Print 6

See Print 4

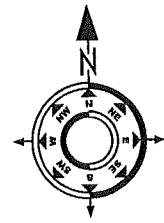


HH - NEW INSTALL	
Hand Hole #:	5-1
Dimensions:	24"x36"x36"d
Loop Footage:	150'
Splice Case:	No
Locate Station:	Station

CITY OF WAUKESHA
FIRE STATION #4 TO
UW WAUKESHA CAMPUS CONNECITON
6/25/2014



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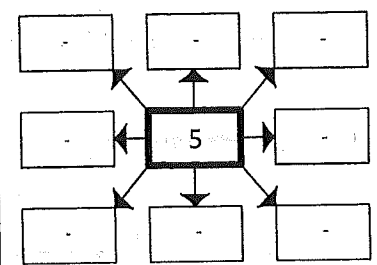


Legend

- - - = New 2" Duct Install
- = New Handhole
- ⊗ = New Locate Station
- = Telco
- = Cable TV
- = Electric
- = Gas
- = Water
- = Sanitary Sewer
- = Storm Sewer
- = Utility Pole
- ⊕ = Fire Hydrant
- = Traffic Control Box
- = Telco Ped
- = Cable TV Ped
- = Electric Ped
- = Electric Transformer
- = Catch Basin / Inlet
- ⊙ = Round Catch Basin / Inlet
- ⊙ = Manhole
- = Handhole
- = Utility Pole
- = Anchor
- = Strand
- = Overhead Guy
- = Public Right of Way
- = Street Light

Typical Install Depth is 36"

Map Key



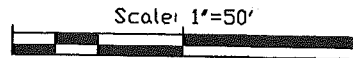
Drawn By: Dan Becker
 Title: CAD Operator
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 Phone: (920) 676-3496
 Email: dbecker@mcae.biz
 Page Number:
5

See Print 7

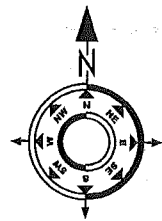


See Print 5

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6/25/2014



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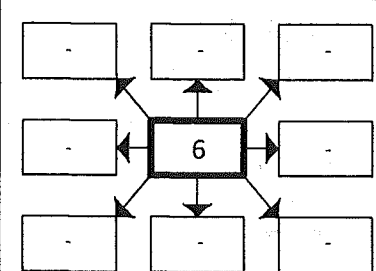


Legend

- | | | |
|---------------------------------|-------------------------------|-------------------------|
| - - - - - = New 2" Duct Install | ○ = Utility Pole | ○ = Utility Pole |
| ■ = New Handhole | ● = Fire Hydrant | — = Anchor |
| ⊗ = New Locate Station | ■ = Traffic Control Box | — = Strand |
| — = Telco | ■ = Telco Ped | — = Overhead Guy |
| — = Cable TV | ● = Cable TV Ped | — = Public Right of Way |
| — = Electric | ■ = Electric Ped | — = Street Light |
| — = Gas | ■ = Electric Transformer | |
| — = Water | ■ = Catch Basin / Inlet | |
| — = Sanitary Sewer | ● = Round Catch Basin / Inlet | |
| — = Storm Sewer | ● = Manhole | |
| | □ = Handhole | |

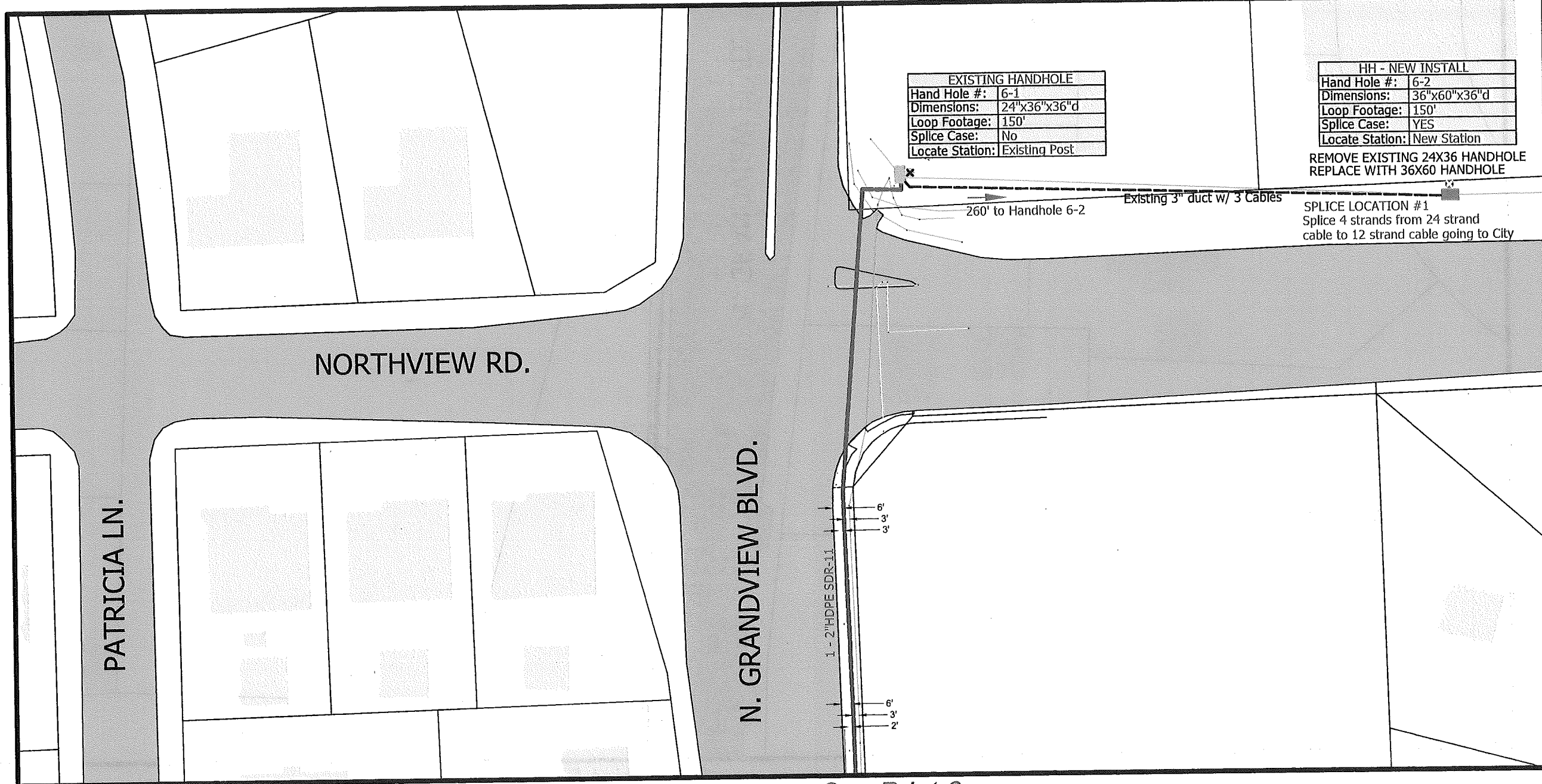
Typical Install Depth is 36"

Map Key



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Page Number:
6



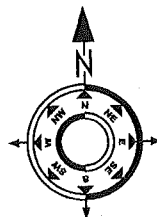
See Print 6

CITY OF WAUKESHA
FIRE STATION #4 TO
UW WAUKESHA CAMPUS CONNECITON
6/25/2014

Scale: 1"=50'

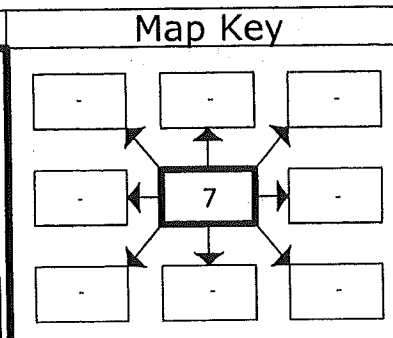


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Legend			
	= New 2" Duct Install		= Utility Pole
	= New Handhole		= Fire Hydrant
	= New Locate Station		= Traffic Control Box
	= Telco		= Telco Ped
	= Cable TV		= Cable TV Ped
	= Electric		= Electric Ped
	= Gas		= Electric Transformer
	= Water		= Catch Basin / Inlet
	= Sanitary Sewer		= Round Catch Basin / Inlet
	= Storm Sewer		= Manhole
	= Handhole		= Utility Pole
	= Anchor		= Strand
	= Strand		= Overhead Guy
	= Overhead Guy		= Public Right of Way
	= Public Right of Way		= Street Light
	= Street Light		

Typical Install Depth is 36"



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