



Addendum No. 1
Page 1 of 1

DATE: July 6, 2015

Joliet Junior College
1215 Houbolt Road
Joliet, IL 60431

TO: Prospective Respondents
SUBJECT: Addendum No. 1
PROJECT NAME: Romeoville Campus Expansion Bid Release 1
JJC PROJECT NO.: B15020

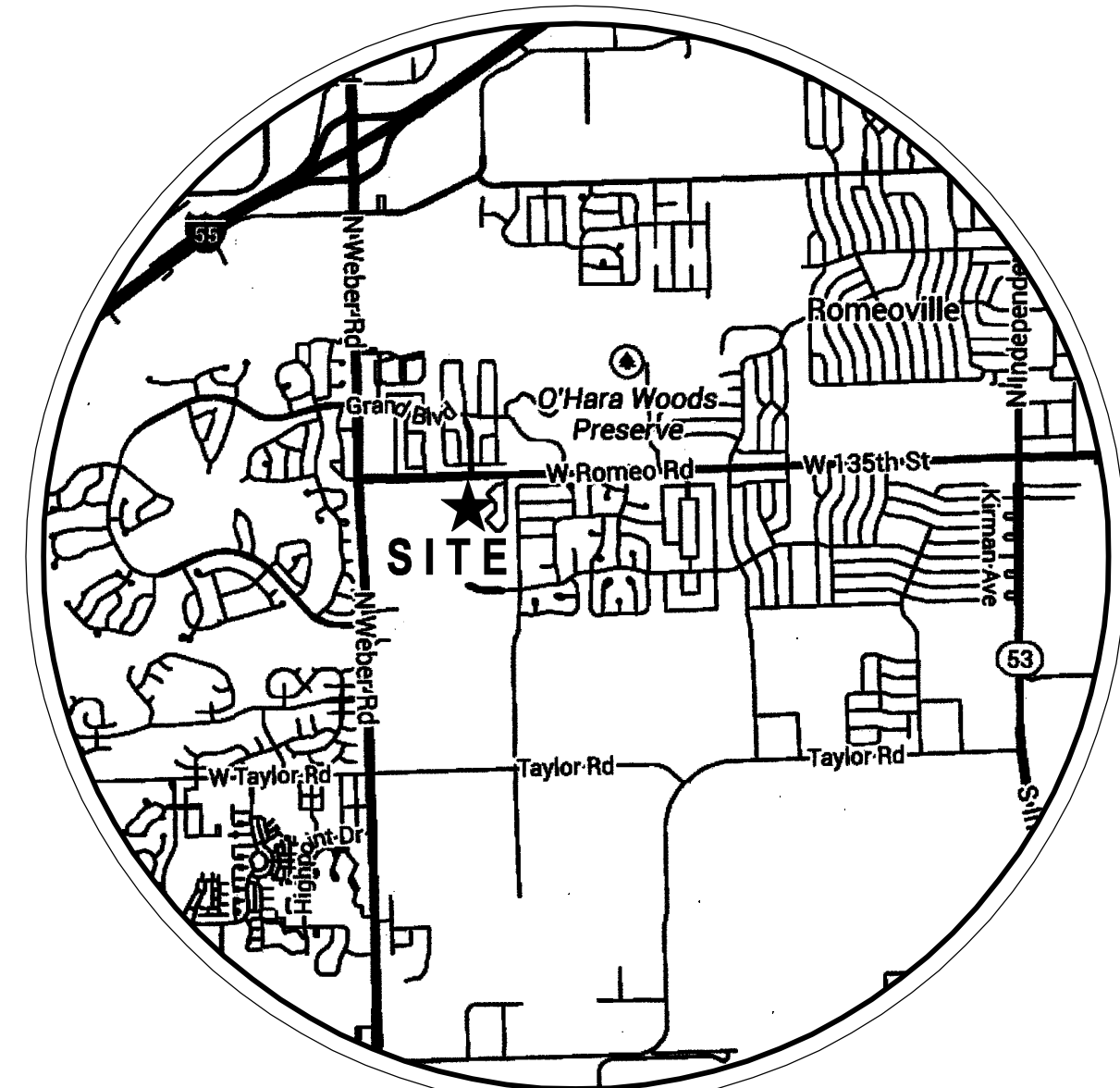
This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding document as posted on the JJC website. Acknowledge receipt of this addendum in the space provided on the Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

Additional Drawings:

Attached to this addendum are the civil drawings for Bid Release 1 – Romeoville Campus Expansion: R-02B Excavation, Asphalt and Site Utilities & R-03B Concrete Work

End of Addendum #1

Improvement Plans for **JOLIET JUNIOR COLLEGE** **ROMEOVILLE CAMPUS EXPANSION** Village of Romeoville Will County, Illinois



SITE LOCATION MAP
NOT TO SCALE

INDEX OF ENGINEERING SHEETS	
SHEET No.	DESCRIPTION
1.)	COVER SHEET
2.)-7.)	EXISTING CONDITIONS
8.)-11.)	DEMOLITION PLAN
12.)-15.)	PROPOSED SITE UTILITY PLAN
16.)-19.)	PROPOSED SITE GRADING PLAN
20.)	PROPOSED NORTHWEST STORMWATER MANAGEMENT AREA
21.)-24.)	PROPOSED SITE GEOMETRY PLAN
25.)-26.)	PROPOSED WATERMAIN PLAN AND PROFILES
27.)	PROPOSED SANITARY SEWER PLAN AND PROFILE
28.)	EROSION CONTROL PLAN
29.)	GENERAL NOTES AND CONSTRUCTION DETAILS (1 OF 3)
30.)	CONSTRUCTION DETAILS (2 OF 3)
31.)	CONSTRUCTION DETAILS (2 OF 3)

VILLAGE CONTACT INFORMATION:
MR. JONATHAN ZABROCKI, P.E.
c/o VILLAGE OF ROMEOVILLE
615 ANDERSON DRIVE
ROMEOVILLE, ILLINOIS 60446
PHONE NO. (815) 866-1870

LAND SURVEYOR / ENGINEER:
RUETTIGER, TONELLI & ASSOCIATES, INC.
129 CAPISTA DRIVE
SHOREWOOD, ILLINOIS 60404
Ph. (815) 744-6600

ARCHITECT:
DEMONICA KEMPER ARCHITECTS
125 NORTH HALSTED STREET, SUITE 301
CHICAGO, ILLINOIS 60661
Ph. (312) 496-0000

OWNER / DEVELOPER:
JOLIET JUNIOR COLLEGE
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446

COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROME ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.58 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

NOTE: DUE TO THE UNCERTAINTY OF SEASONAL GROUND WATER TABLES AND THE GEOPHYSICAL CONDITIONS AFFECTING GROUND WATER MOVEMENT, RUETTIGER, TONELLI & ASSOCIATES TAKES NO RESPONSIBILITY FOR THE MANAGEMENT OF GROUND WATER ASSOCIATED WITH SUB-GRADE CONSTRUCTION, BASEMENTS OR OTHER LIKE FACILITIES CONSTRUCTED BELOW THE FINISHED SURFACE GRADE OF THE PROPERTY ARE AT THE RISK OF THE BUILDER/OWNER.

STATE OF ILLINOIS }
COUNTY OF WILL } SS

I, JOSEPH P. HAMMER, HEREBY CERTIFY THAT ADEQUATE STORM WATER STORAGE AND DRAINAGE CAPACITY HAS BEEN PROVIDED FOR THIS DEVELOPMENT, SUCH THAT SURFACE WATER FROM THE DEVELOPMENT WILL NOT BE DIVERTED ONTO AND CAUSE DAMAGE TO ADJACENT PROPERTY FOR STORMS UP TO AND INCLUDING THE ONE HUNDRED (100) YEAR EVENT, AND THAT THE DESIGN PLANS ARE IN COMPLIANCE WITH ALL APPLICABLE STATE, COUNTY AND VILLAGE ORDINANCES.

I, JOSEPH P. HAMMER, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS, HEREBY CERTIFY THAT THE EROSION CONTROL PLAN ON SHEET 28 HAS BEEN PREPARED UNDER MY SUPERVISION BY RUETTIGER, TONELLI & ASSOCIATES, INC., AND COMPLIES WITH THE URBAN SOIL EROSION CONTROL & STANDARDS IN ILLINOIS MANUAL (LATEST EDITION) AND GENERALLY RECOGNIZED METHODS IN USE IN THE AREA.

I, JOSEPH P. HAMMER, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS, HEREBY CERTIFY THAT THESE IMPROVEMENT PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION BY RUETTIGER, TONELLI & ASSOCIATES, INC., ILLINOIS PROFESSIONAL DESIGN FIRM No. 184-001251.

DATED THIS _____ DAY OF _____.

JOSEPH P. HAMMER IL P.E. No. 062-053186 (EXPIRES 11-30-2015)

TO ENSURE AUTHORITY OF THIS DRAWING, IT MUST BEAR THE EMBOSSED SEAL OF THE DESIGN FIRM OR PROFESSIONAL LICENSEE WHO PREPARED THIS DRAWING.

Call Before You Dig

CONTACT J.U.L.I.E. at 811 or 800-892-0123
48 Hours (2 Working Days) BEFORE YOU DIG.
Include the following:
County, City/Township, Section & 1/4 Section No.

REVISIONS						
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.			

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.

Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

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ROMEOVILLE CAMPUS EXPANSION
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DRAWING TITLE:
**BID PACKAGE 1
COVER SHEET**

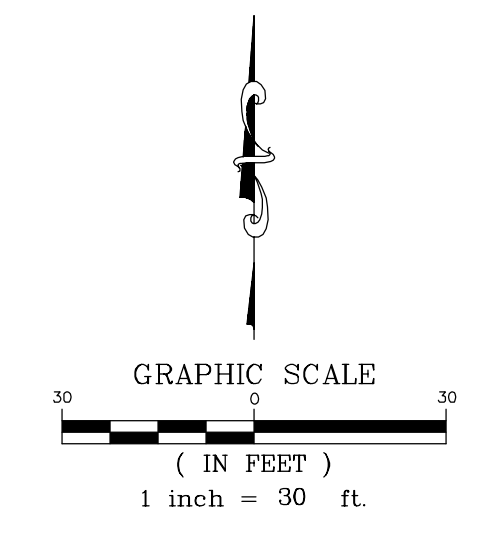
DRAWING No.
315-0053-C1

SCALE:
AS NOTED

ENGINEERING DEPARTMENT
SHEET 1 OF 31

N:\Tech\20150053\Engineering\Plan_Sheet_C1 - JJC Romeoville Campus Expansion\Sheet_C1 - Cover Sheet.dwg, Layout1, 6/30/2015 3:38:27 PM, jpham@rt.com

LEGAL DESCRIPTION
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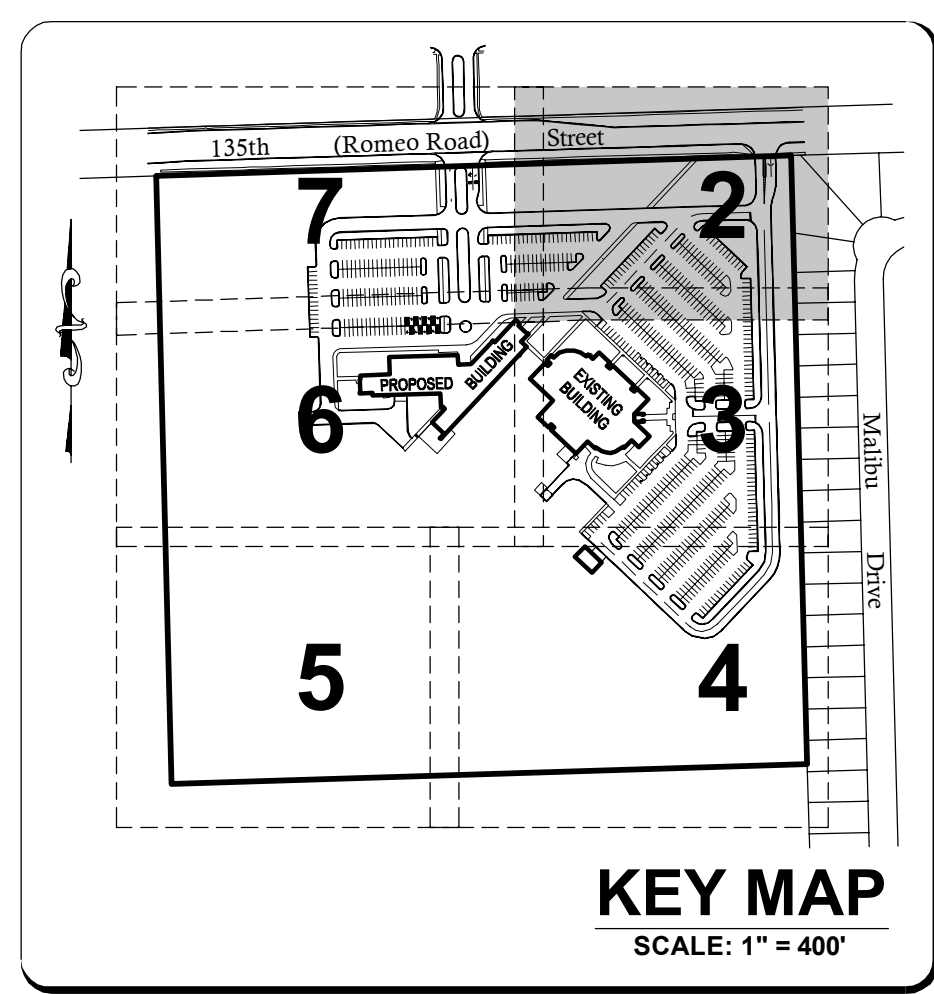


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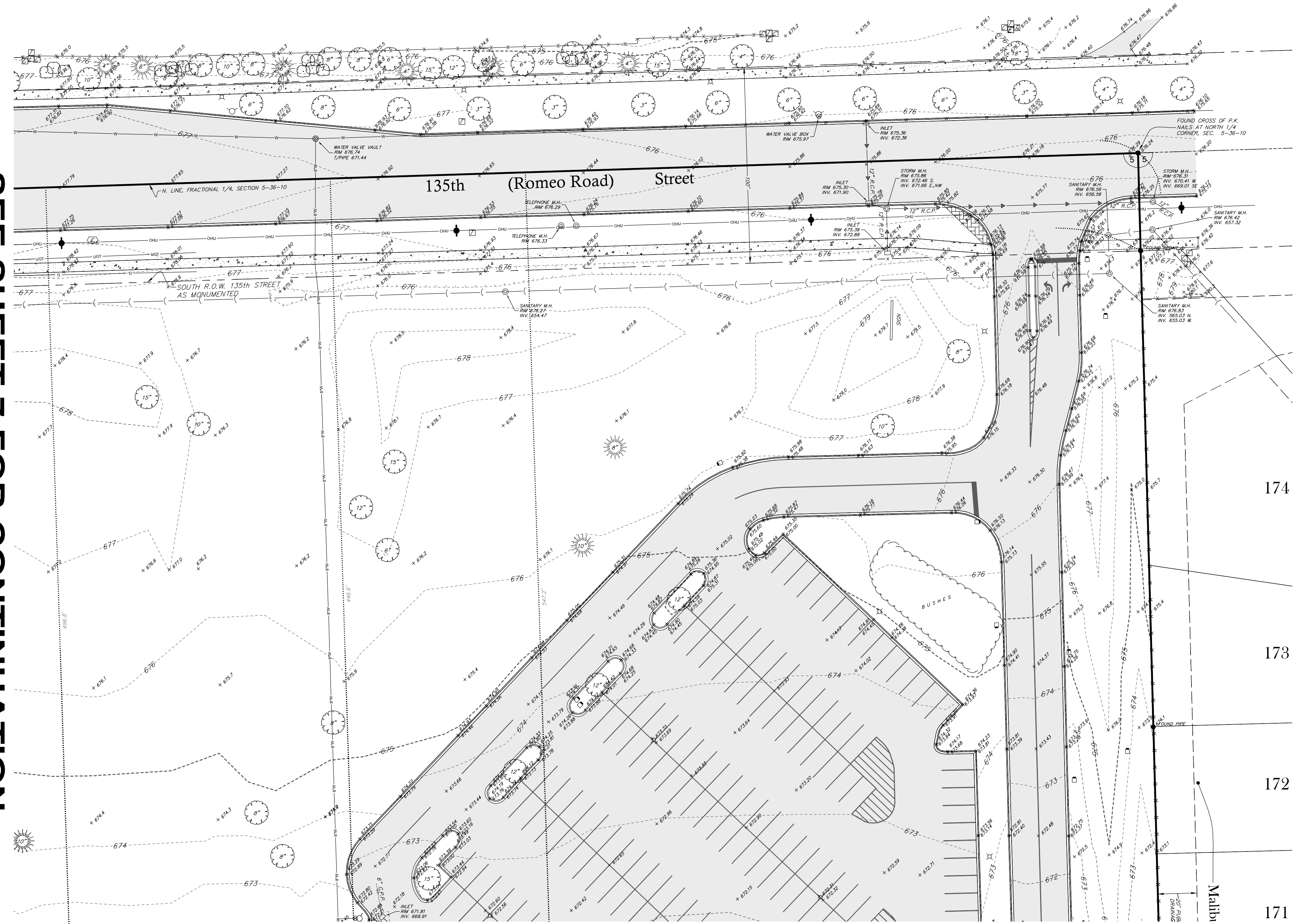
XXXXXX	EXISTING ELEVATION
OHU	EXISTING OVERHEAD UTILITY LINE
UPO	EXISTING UTILITY POLE
ECB	EXISTING ELECTRIC CONTROL BOX
EP	EXISTING ELECTRIC PEDESTAL
EM	EXISTING ELECTRIC METER
EH	EXISTING ELECTRIC HANDHOLE
UEL	EXISTING UNDERGROUND ELECTRIC LINE
UTL	EXISTING UNDERGROUND TELEPHONE LINE
UGM	EXISTING UNDERGROUND GASMAIN
L	EXISTING LIGHT
GM	EXISTING GAS METER
PB	EXISTING PHONE BOX
FP	EXISTING FLAG POLE
S	EXISTING SIGN
CH	EXISTING CABLE T.V. HANDHOLE
CTV	EXISTING CABLE T.V. PEDESTAL
TEP	EXISTING TELEPHONE PEDESTAL
M	EXISTING MANHOLE (AS NOTED)
SS	EXISTING SANITARY SEWER
SI	EXISTING STORM INLET
SSW	EXISTING STORM SEWER
WM	EXISTING WATERMAIN
FH	EXISTING FIRE HYDRANT
WV	EXISTING WATER VALVE IN VAULT
WVB	EXISTING WATER VALVE IN BOX
BB	EXISTING BUFFALO BOX
TL	EXISTING TREE OR BUSH LINE
T	EXISTING TREE W/ SIZE
R.C.P.	REINFORCED CONCRETE PIPE
C.P.P.	CORRUGATED PLASTIC PIPE
mes.	MEASURED
rec.	RECORDED
calc.	CALCULATED
●	FOUND SURVEY MONUMENT
■	SET 3/8" REBAR UNLESS OTHERWISE NOTED

EXISTING CONDITIONS NOTE:

1.) EXISTING UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS OF JULLIE MARKINGS, ABOVE GROUND EVIDENCE AND PROVIDED COMPANY UTILITY MAPS AS NOTED AT THE TIME OF THIS SURVEY. CONTACT JULLIE PRIOR TO ANY CONSTRUCTION. EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO BE PROTECTED, RELOCATED OR REMOVED BASED ON MUNICIPAL AND UTILITY COMPANY GUIDELINES. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES.



SEE SHEET 7 FOR CONTINUATION



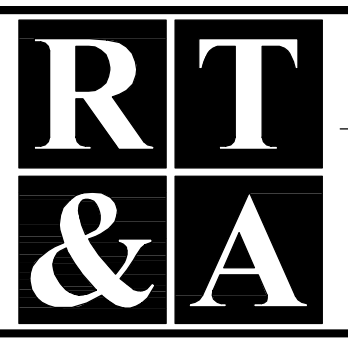
SEE SHEET 3 FOR CONTINUATION

COUNTY OF WILL BENCHMARK:
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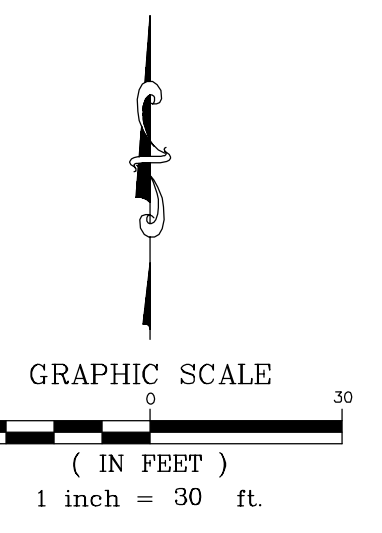
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 (1 OF 6)**

DRAWING No.
 315-0053-C1
 SCALE:
 AS NOTED
 ENGINEERING DEPARTMENT
 SHEET 2 OF 31

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SEE SHEET 2 FOR CONTINUATION

LEGAL DESCRIPTION
THE NORTH 40 ACRES OF THE EAST HALF OF THE NORTHWEST QUARTER OF SECTION 5, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN WILL COUNTY, ILLINOIS.

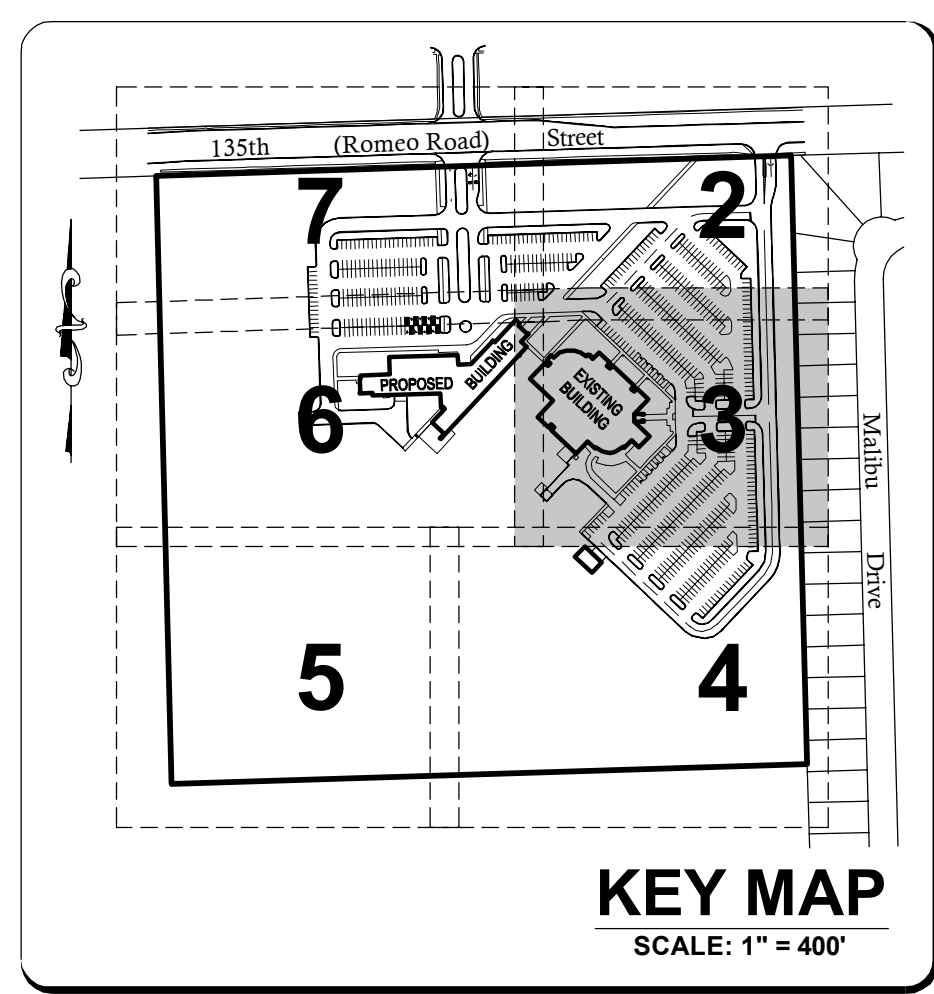


LEGEND

- XXXXXX EXISTING ELEVATION
- OH— EXISTING OVERHEAD UTILITY LINE
- U— EXISTING UNDERGROUND UTILITY LINE
- T— EXISTING UNDERGROUND TELEPHONE LINE
- G— EXISTING UNDERGROUND GASMAIN
- S— EXISTING SANITARY SEWER
- W— EXISTING WATERMAIN
- F— EXISTING FIRE HYDRANT
- V— EXISTING WATER VALVE IN VAULT
- B— EXISTING BUFFALO BOX
- T— EXISTING TREE OR BUSH LINE
- ⊙ EXISTING LIGHT
- ⊙ EXISTING GAS METER
- ⊙ EXISTING PHONE BOX
- ⊙ EXISTING FLAG POLE
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- ⊙ EXISTING TELEPHONE PEDESTAL
- ⊙ EXISTING MANHOLE (AS NOTED)
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- ⊙ EXISTING STORM SEWER INLET
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- ⊙ EXISTING TREES W/ SIZE
- R.C.P. REINFORCED CONCRETE PIPE
- C.P.P. CORRUGATED PLASTIC PIPE
- mes. MEASURED
- rec. RECORDED
- calc. CALCULATED
- FOUND SURVEY MONUMENT
- SET "S" REBAR UNLESS OTHERWISE NOTED

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SEE SHEET 6 FOR CONTINUATION

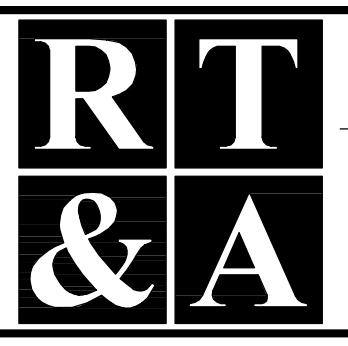
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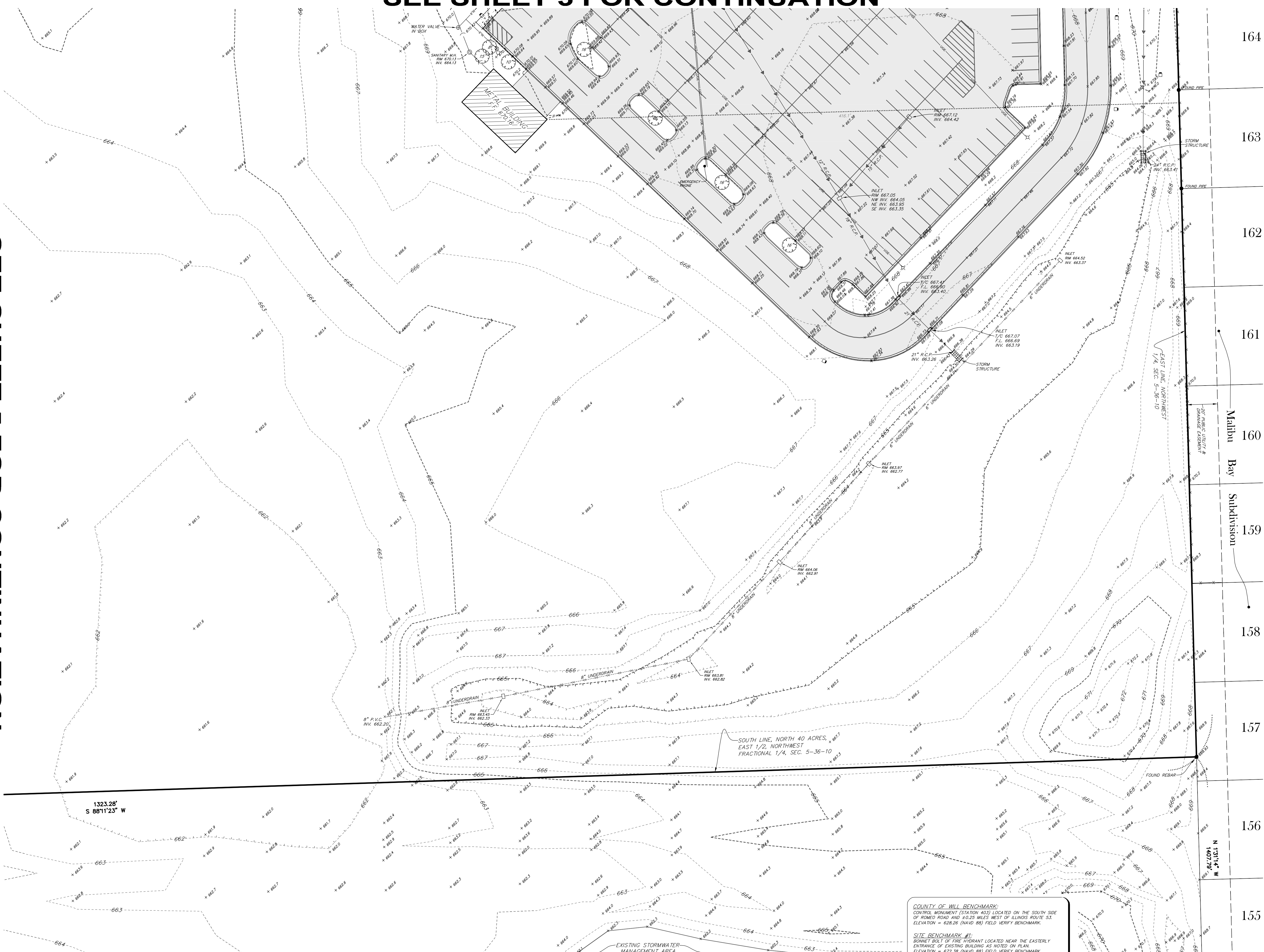
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**BID PACKAGE 1
EXISTING CONDITIONS
(2 OF 6)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
**ENGINEERING DEPARTMENT
SHEET 3 OF 31**

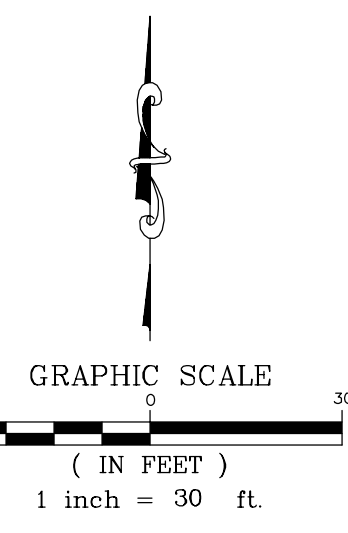
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SEE SHEET 3 FOR CONTINUATION

SEE SHEET 5 FOR CONTINUATION



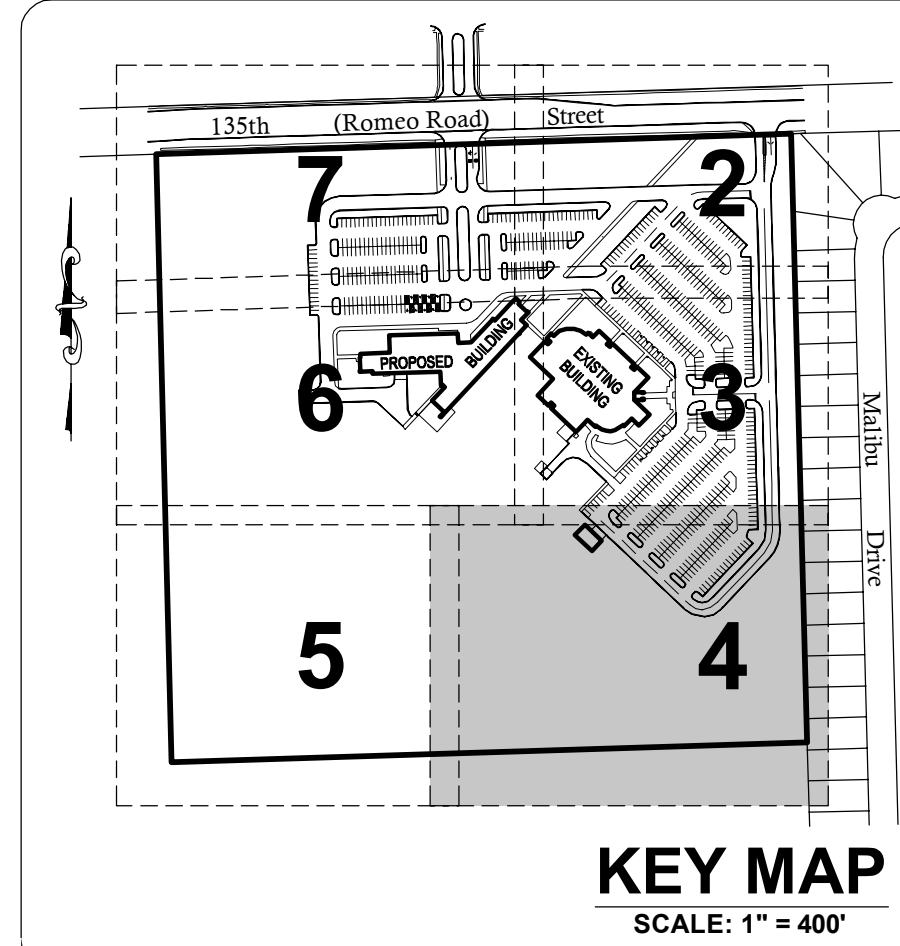
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—G—	EXISTING UNDERGROUND GASMAIN
—L—	EXISTING LIGHT
—G.M.—	EXISTING GAS METER
—P.B.—	EXISTING PHONE BOX
—F.P.—	EXISTING FLAG POLE
—S.—	EXISTING SIGN
—T.V.—	EXISTING CABLE T.V. HANDHOLE
—T.V.P.—	EXISTING CABLE T.V. PEDESTAL
—T.P.—	EXISTING TELEPHONE PEDESTAL
—M.—	EXISTING MANHOLE (AS NOTED)
—S.S.—	EXISTING SANITARY SEWER
—S.I.—	EXISTING STORM INLET
—S.S.—	EXISTING STORM SEWER
—W.—	EXISTING WATERMAIN
—F.H.—	EXISTING FIRE HYDRANT
—W.V.—	EXISTING WATER VALVE IN VAULT
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C.P.P.	CORRUGATED PLASTIC PIPE
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calc.	CALCULATED
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—	SET 5/8" REBAR UNLESS OTHERWISE NOTED

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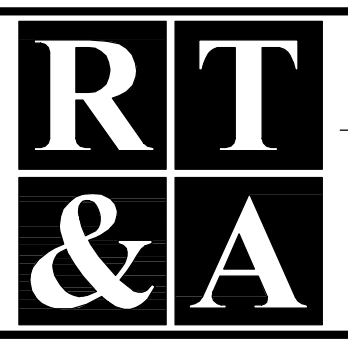
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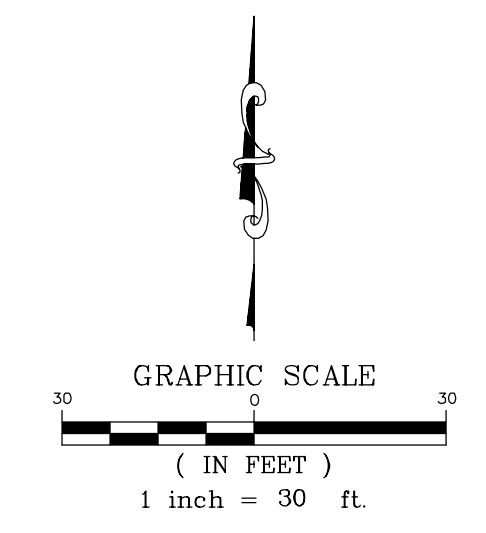
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SHEET 4 OF 31

N:\Tech\20150053\Engineering\Plan Set\1 - JJC Romeo Expansion\Sheet 04 - Existing Conditions 03.dwg, Layout1, 06/02/15, 3:46 PM, pmp@rtai.com

SEE SHEET 6 FOR CONTINUATION

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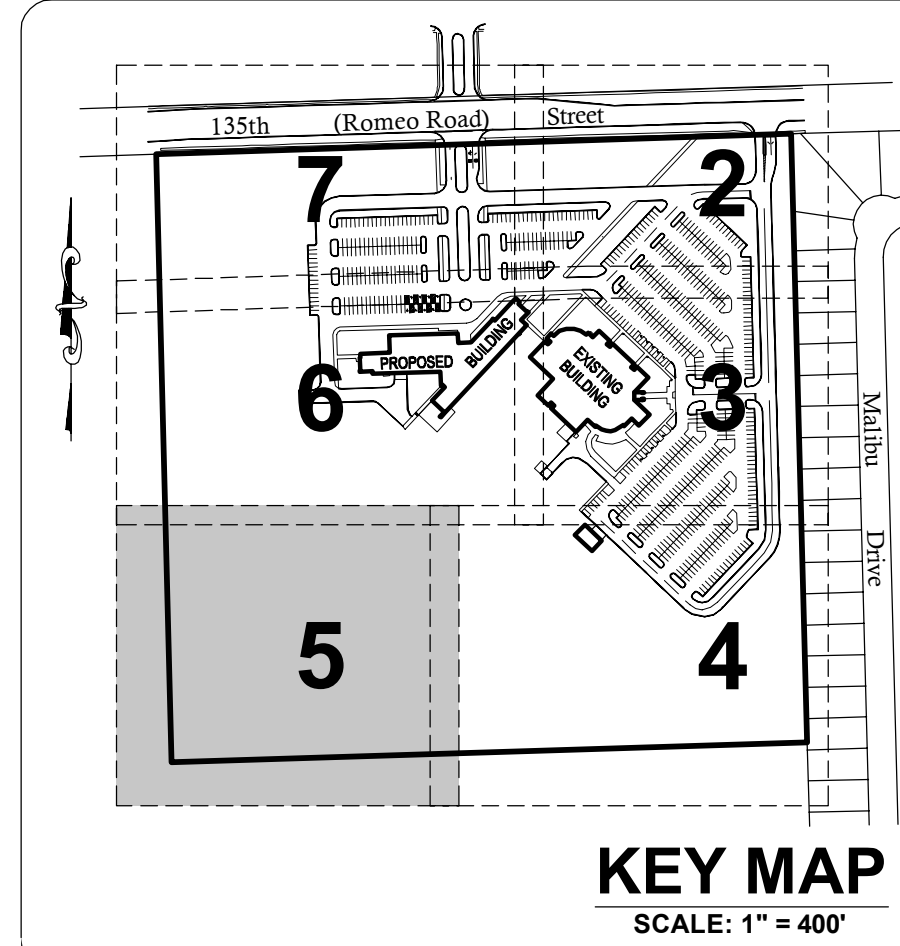


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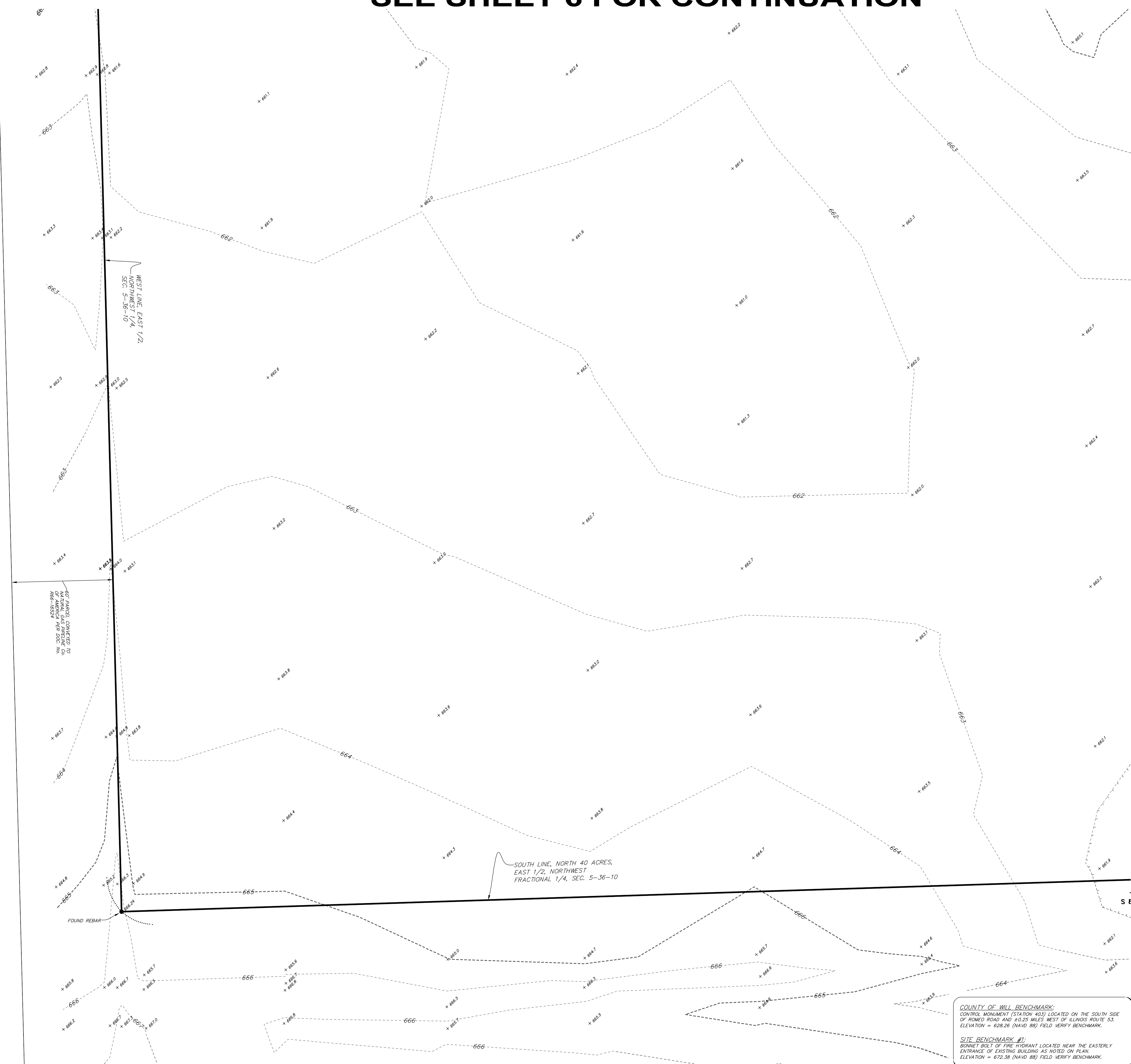
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UTL	EXISTING UNDERGROUND TELEPHONE LINE
UG	EXISTING UNDERGROUND GASMAIN
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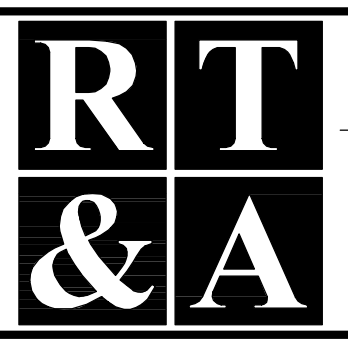
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 1125 WEST 135th STREET
 ROMEOVILLE, ILLINOIS 60446**

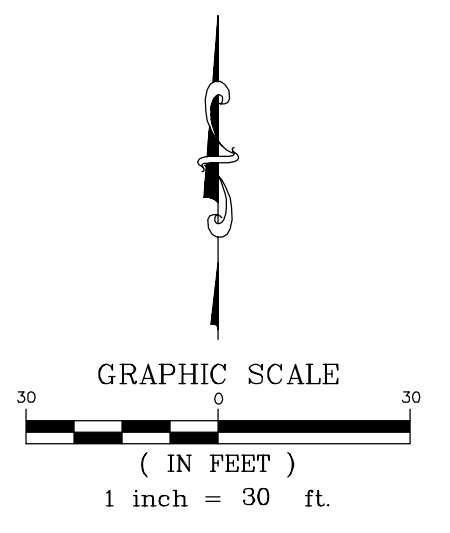
DRAWING TITLE: **BID PACKAGE 1
 EXISTING CONDITIONS
 (4 OF 6)**

DRAWING No.
 315-0053-C1
 SCALE:
 AS NOTED
 ENGINEERING DEPARTMENT
 SHEET 5 OF 31

N:\Tech\20150053\Engineering\Plan Set\1 - JJC Romeo Expansion\Sheet 05 - Existing Conditions of Exp. Layout.dwg, Layout: 06/30/2015 11:37:14 AM, ppenner

SEE SHEET 7 FOR CONTINUATION

LEGAL DESCRIPTION
THE NORTH 40 ACRES OF THE EAST HALF OF THE NORTHWEST FRACTIONAL QUARTER OF SECTION 5, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN WILL COUNTY, ILLINOIS.

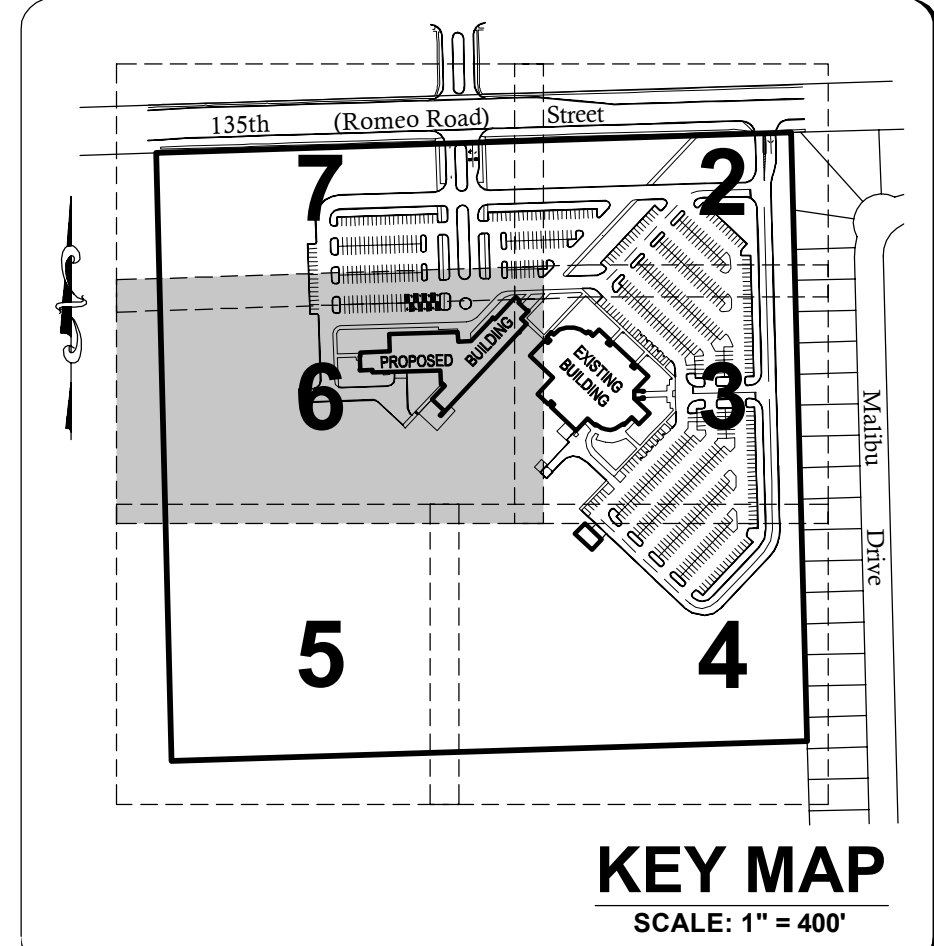


SEE SHEET 3 FOR CONTINUATION

LEGEND

XXXX.XX	EXISTING ELEVATION
—OH—	EXISTING OVERHEAD UTILITY LINE
↑	EXISTING UTILITY POLE
⊕	EXISTING ELECTRIC CONTROL BOX
⊖	EXISTING ELECTRIC PEDESTAL
⊙	EXISTING ELECTRIC METER
⊚	EXISTING ELECTRIC HANDHOLE
—UE—	EXISTING UNDERGROUND ELECTRIC LINE
—UT—	EXISTING UNDERGROUND TELEPHONE LINE
—G—	EXISTING UNDERGROUND GASMAIN
⊙	EXISTING LIGHT
⊙	EXISTING GAS METER
⊙	EXISTING PHONE BOX
⊙	EXISTING FLAG POLE
⊙	EXISTING SIGN
⊙	EXISTING CABLE T.V. HANDHOLE
⊙	EXISTING CABLE T.V. PEDESTAL
⊙	EXISTING TELEPHONE PEDESTAL
⊙	EXISTING MANHOLE (AS NOTED)
—S—	EXISTING SANITARY SEWER
—SI—	EXISTING STORM INLET
—SS—	EXISTING STORM SEWER
—W—	EXISTING WATERMAIN
⊙	EXISTING FIRE HYDRANT
⊙	EXISTING WATER VALVE IN VAULT
⊙	EXISTING WATER VALVE IN BOX
⊙	EXISTING BUFFALO BOX
—T—	EXISTING TREE OR BUSH LINE
⊙	EXISTING TREES W/ SIZE
R.C.P.	REINFORCED CONCRETE PIPE
C.P.P.	CORRUGATED PLASTIC PIPE
mes.	MEASURED
rec.	RECORDED
calc.	CALCULATED
•	FOUND SURVEY MONUMENT
•	SET 3/8" REBAR UNLESS OTHERWISE NOTED

EXISTING CONDITIONS NOTE:
1.) EXISTING UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS OF JULIETTE MARKINGS ABOVE GROUND EVIDENCE AND PROVIDED COMPANY UTILITY MAPS AS NOTED AT THE TIME OF THIS SURVEY. CONTACT JULIETTE PRIOR TO ANY CONSTRUCTION. EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO BE PROTECTED, RELOCATED OR REMOVED BASED ON MUNICIPAL AND UTILITY COMPANY GUIDELINES. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES.



COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 626.98 (NAVD 88) FIELD VERIFY BENCHMARK.

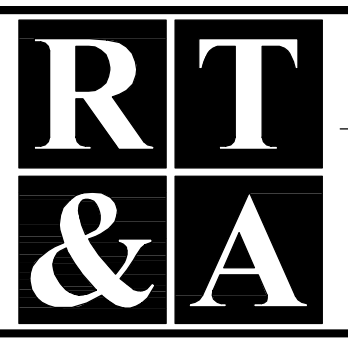
SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

SEE SHEET 5 FOR CONTINUATION

REVISIONS

No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

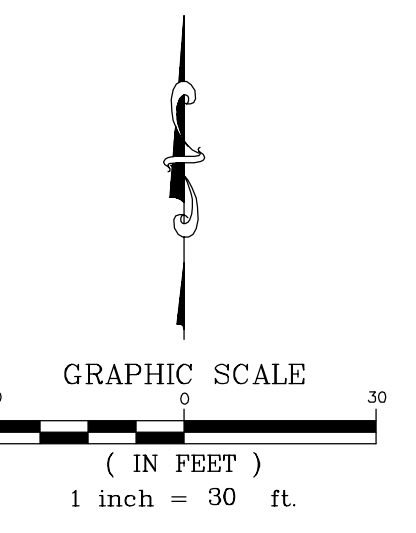
PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOWILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOWILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
EXISTING CONDITIONS
(5 OF 6)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
**ENGINEERING DEPARTMENT
SHEET 6 OF 31**

N:\Tech\20150053\Engineering\Plan_Sect - JJC Romeo Expansion\Sheet 06 - Existing Conditions 05.dwg, Layout: 05/20/15 1:37:43 PM, mpester

LEGAL DESCRIPTION
 THE NORTH 40 ACRES OF THE EAST HALF OF THE
 NORTHWEST FRACTIONAL QUARTER OF SECTION 5,
 TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD
 PRINCIPAL MERIDIAN, ALL IN WILL COUNTY, ILLINOIS.

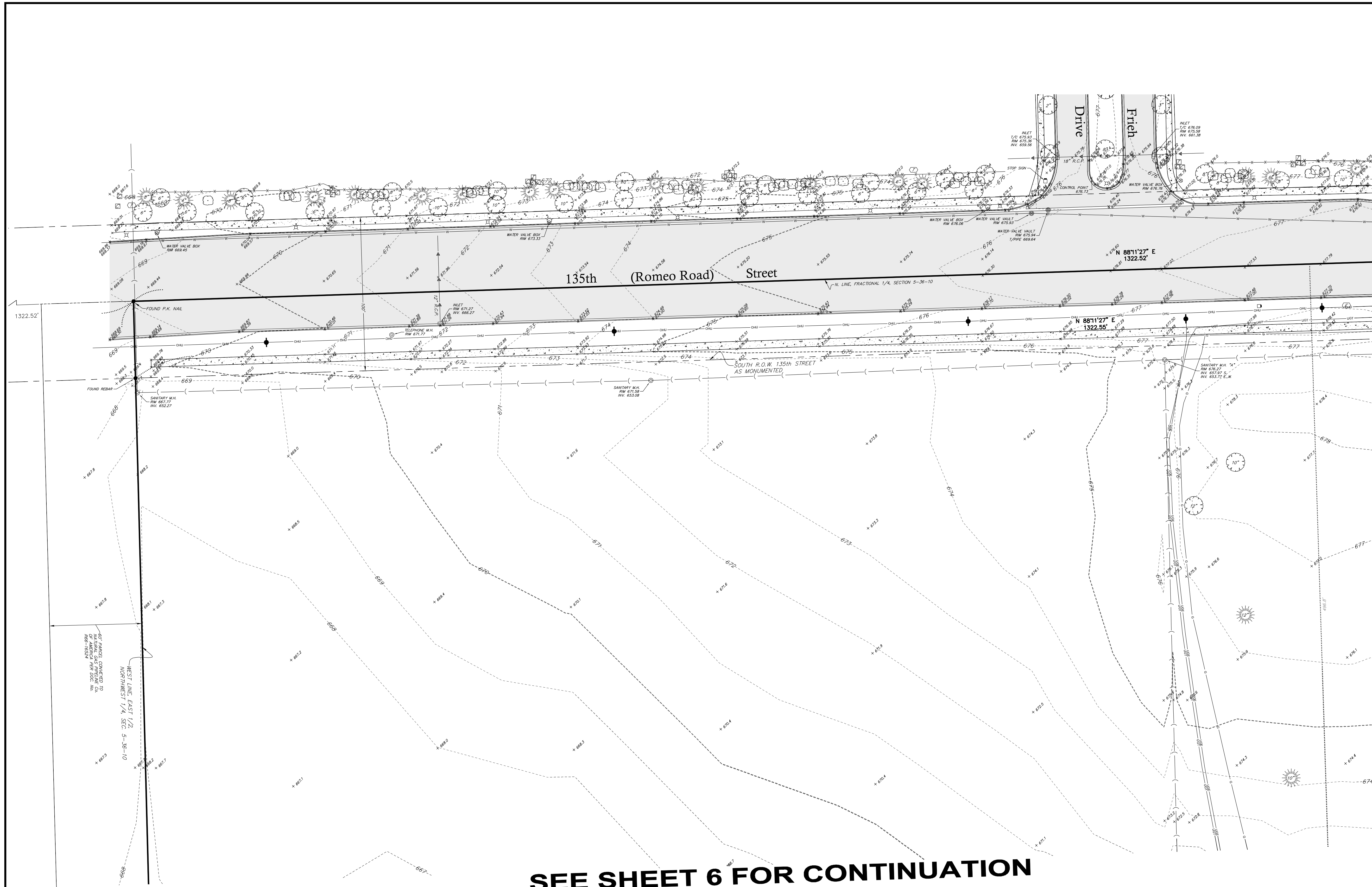


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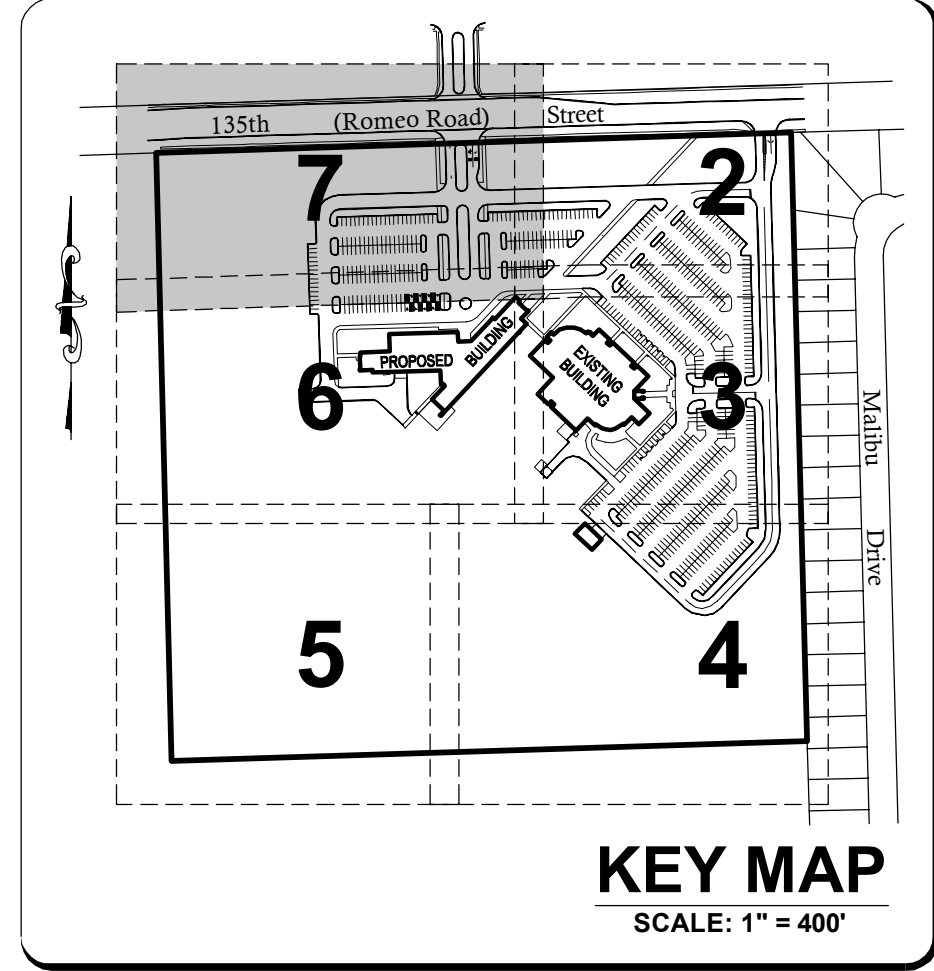
XXXX.XX	EXISTING ELEVATION
OHU	EXISTING OVERHEAD UTILITY LINE
UP	EXISTING UTILITY POLE
ECB	EXISTING ELECTRIC CONTROL BOX
EP	EXISTING ELECTRIC PEDESTAL
EM	EXISTING ELECTRIC METER
EH	EXISTING ELECTRIC HANDHOLE
UEL	EXISTING UNDERGROUND ELECTRIC LINE
UL	EXISTING UNDERGROUND TELEPHONE LINE
UG	EXISTING UNDERGROUND GASMAIN
XL	EXISTING LIGHT
GM	EXISTING GAS METER
FB	EXISTING PHONE BOX
FP	EXISTING FLAG POLE
XS	EXISTING SIGN
CH	EXISTING CABLE T.V. HANDHOLE
CTV	EXISTING CABLE T.V. PEDESTAL
CTP	EXISTING TELEPHONE PEDESTAL
MM	EXISTING MANHOLE (AS NOTED)
SS	EXISTING SANITARY SEWER
SI	EXISTING STORM INLET
SSW	EXISTING STORM SEWER
WM	EXISTING WATERMAIN
FH	EXISTING FIRE HYDRANT
WV	EXISTING WATER VALVE IN VAULT
WVB	EXISTING WATER VALVE IN BOX
WB	EXISTING BUFFALO BOX
TL	EXISTING TREE OR BUSH LINE
T	EXISTING TREE W/ SIZE
R.C.P.	REINFORCED CONCRETE PIPE
C.P.P.	CORRUGATED PLASTIC PIPE
mes.	MEASURED
rec.	RECORDED
calc.	CALCULATED
■	FOUND SURVEY MONUMENT
■	SET SURVEY MONUMENT UNLESS OTHERWISE NOTED

EXISTING CONDITIONS NOTE:
 1.) EXISTING UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS OF JULIET MARKINGS ABOVE GROUND EXISTENCE AND PROVIDED COMPANY UTILITY MAPS AS NOTED AT THE TIME OF THIS SURVEY. CONTACT JULIET PRIOR TO ANY CONSTRUCTION. EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO BE PROTECTED, RELOCATED OR REMOVED BASED ON MUNICIPAL AND UTILITY COMPANY GUIDELINES. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES.

SEE SHEET 2 FOR CONTINUATION



SEE SHEET 6 FOR CONTINUATION



COUNTY OF WILL BENCHMARK:
 CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 626.08 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
 BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS

No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
 PROJECT No.: 20150053.00
 DATE: 3-04-2015
 FIELD BOOK: JJC3, P. 7-9
 DRAWN BY: R.P.
 CHECKED BY: J.H.



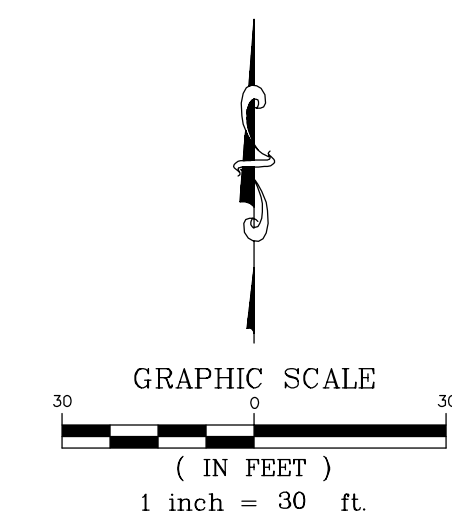
Ruettiger, Tonelli & Associates, Inc.
 Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
 129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
 PH. (815) 744-6600 FAX (815) 744-0101
 website: www.ruettigertonnelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
 ROMEVILLE CAMPUS EXPANSION
 1125 WEST 135th STREET
 ROMEVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
 EXISTING CONDITIONS
 (6 OF 6)**

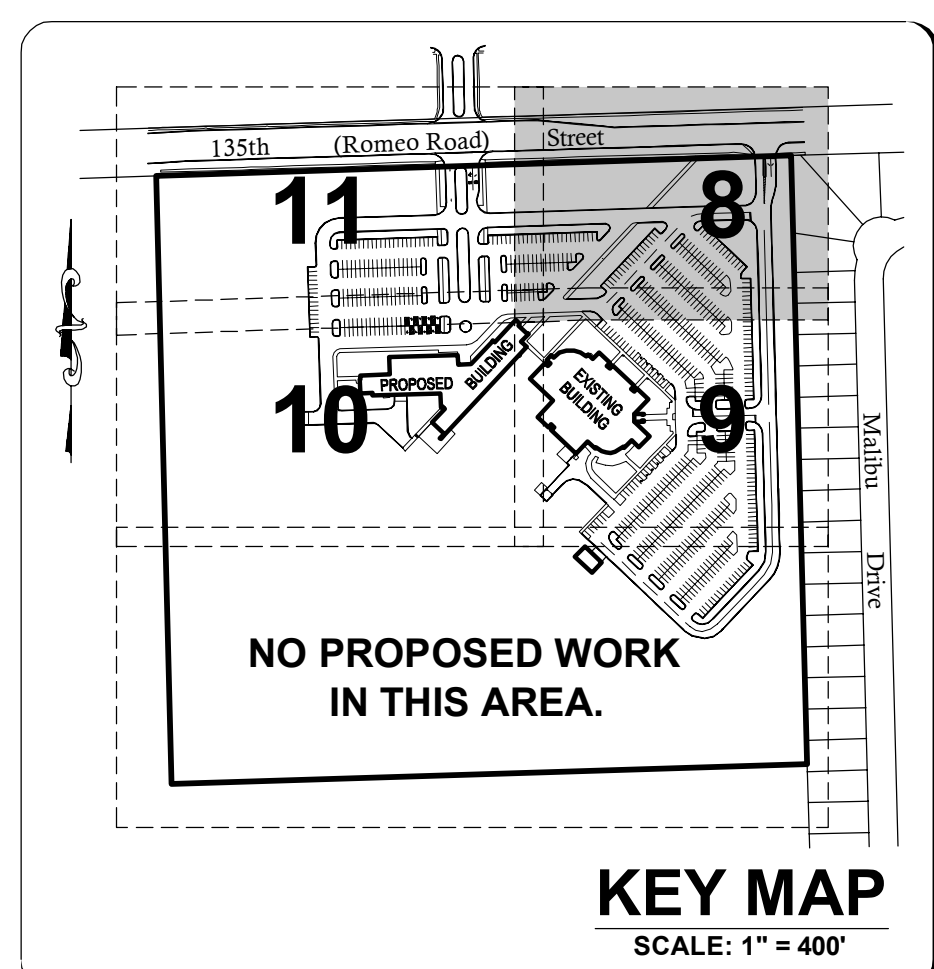
DRAWING No.
 315-0053-C1
SCALE:
 AS NOTED
**ENGINEERING DEPARTMENT
 SHEET 7 OF 31**

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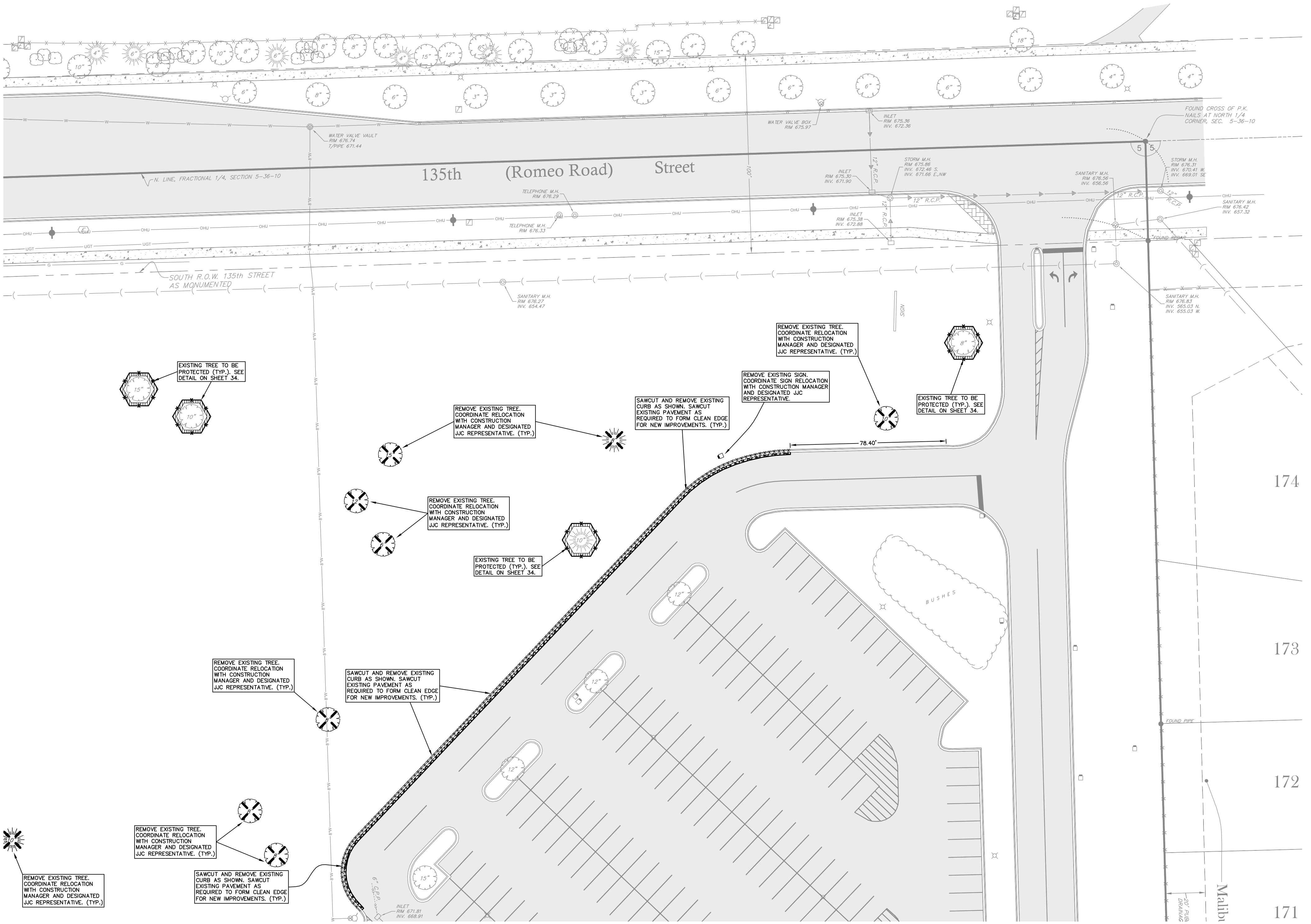


LEGEND	
XXXXXX	EXISTING ELEVATION
OHU	EXISTING OVERHEAD UTILITY LINE
—●—	EXISTING UTILITY POLE
⊠	EXISTING ELECTRIC CONTROL BOX
⊞	EXISTING ELECTRIC PEDESTAL
⊞	EXISTING ELECTRIC METER
⊞	EXISTING ELECTRIC HANDHOLE
—U—	EXISTING UNDERGROUND ELECTRIC LINE
—UT—	EXISTING UNDERGROUND GASMAIN
⊞	EXISTING LIGHT
⊞	EXISTING GAS METER
⊞	EXISTING PHONE BOX
⊞	EXISTING FLAG POLE
⊞	EXISTING SIGN
⊞	EXISTING CABLE T.V. HANDHOLE
⊞	EXISTING CABLE T.V. PEDESTAL
⊞	EXISTING TELEPHONE PEDESTAL
⊞	EXISTING MANHOLE (AS NOTED)
—S—	EXISTING SANITARY SEWER
—SI—	EXISTING STORM INLET
—SS—	EXISTING STORM SEWER
—W—	EXISTING WATERMAIN
⊞	EXISTING FIRE HYDRANT
⊞	EXISTING WATER VALVE IN VAULT
⊞	EXISTING WATER VALVE IN BOX
⊞	EXISTING BUFFALO BOX
—T—	EXISTING TREE OR BUSH LINE
⊞	EXISTING TREES W/ SIZE TO REMAIN
⊞	EXISTING TREES TO BE REMOVED
⊞	EXISTING TREE TO BE PROTECTED (SEE DETAIL ON SHEET 34)
⊞	EXISTING ITEM TO BE REMOVED AS NOTED
XXXXXXXXXXXX	EXISTING CURB TO BE REMOVED AS NOTED
XXXXXX	EXISTING ITEM TO BE REMOVED AS NOTED

- DEMOLITION PLAN NOTES:**
- 1.) CONTRACTOR TO VERIFY ALL QUANTITIES NOTED ON PLANS AND INCLUDE AS PART OF BID.
 - 2.) SAWCUT ALL PAVEMENT, CURB AND SIDEWALK JOINTS.
 - 3.) FIELD VERIFY LOCATION OF EXISTING UTILITIES. PROVIDE ADEQUATE PROTECTION OF UTILITIES TO REMAIN IN USE AND USE MUNICIPAL AND UTILITY COMPANY GUIDELINES FOR UTILITIES TO BE RELOCATED OR REMOVED. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES, THE CONSTRUCTION MANAGER AND DESIGNATED JIC REPRESENTATIVES.
 - 4.) ALL MATERIAL NOTED AS "TO BE REMOVED" SHALL BE DISPOSED OF PROPERLY OFFSITE INCLUDING TREES, STUMPS, ROOTS AND SHRUBS UNLESS OTHERWISE NOTED.
 - 5.) EXISTING ROADWAY AND PARKING AREAS SHALL REMAIN CLEAR AND FREE OF ANY DEBRIS.



SEE SHEET 11 FOR CONTINUATION



SEE SHEET 9 FOR CONTINUATION

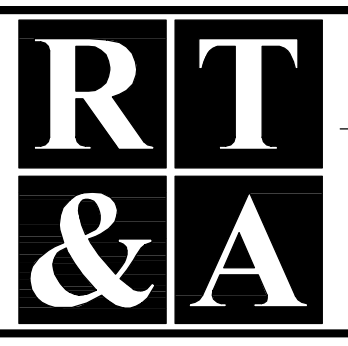
COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.58 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

Call Before You Dig
JULIE
ILLINOIS
800-CALL 877777
CONTACT J.U.L.I.E. at 811 or 800-892-0123
48 Hours (2 Working Days) BEFORE YOU DIG.
Include the following:
County, City/Township, Section & 1/4 Section No.

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



Ruettinger, Tonelli & Associates, Inc.
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129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettingertonelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

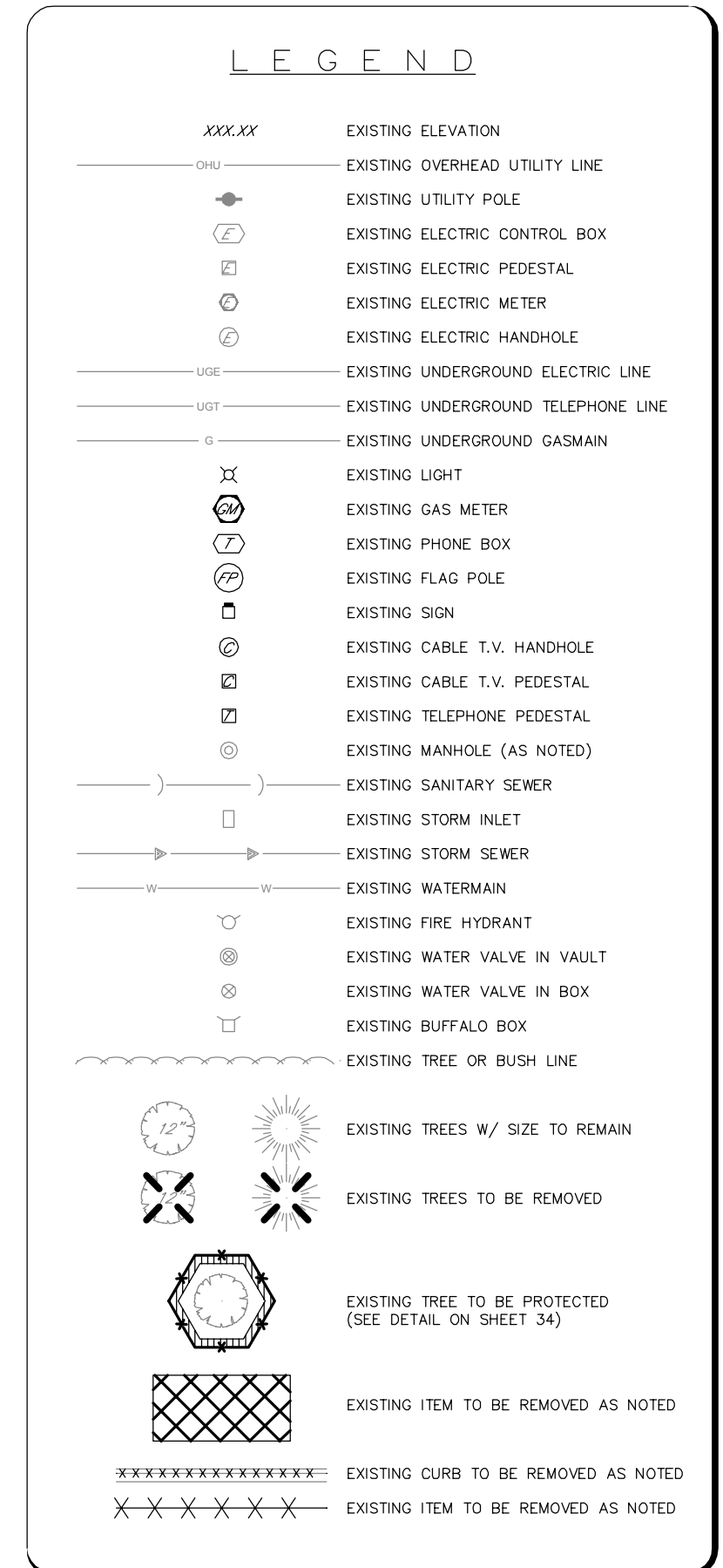
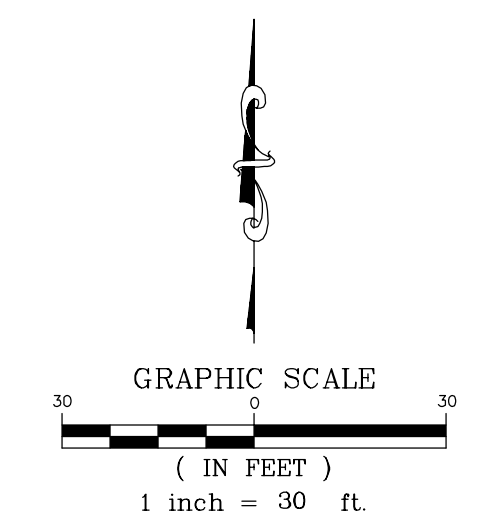
DRAWING TITLE:
**BID PACKAGE 1
DEMOLITION PLAN
(1 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
**ENGINEERING DEPARTMENT
SHEET 8 OF 31**

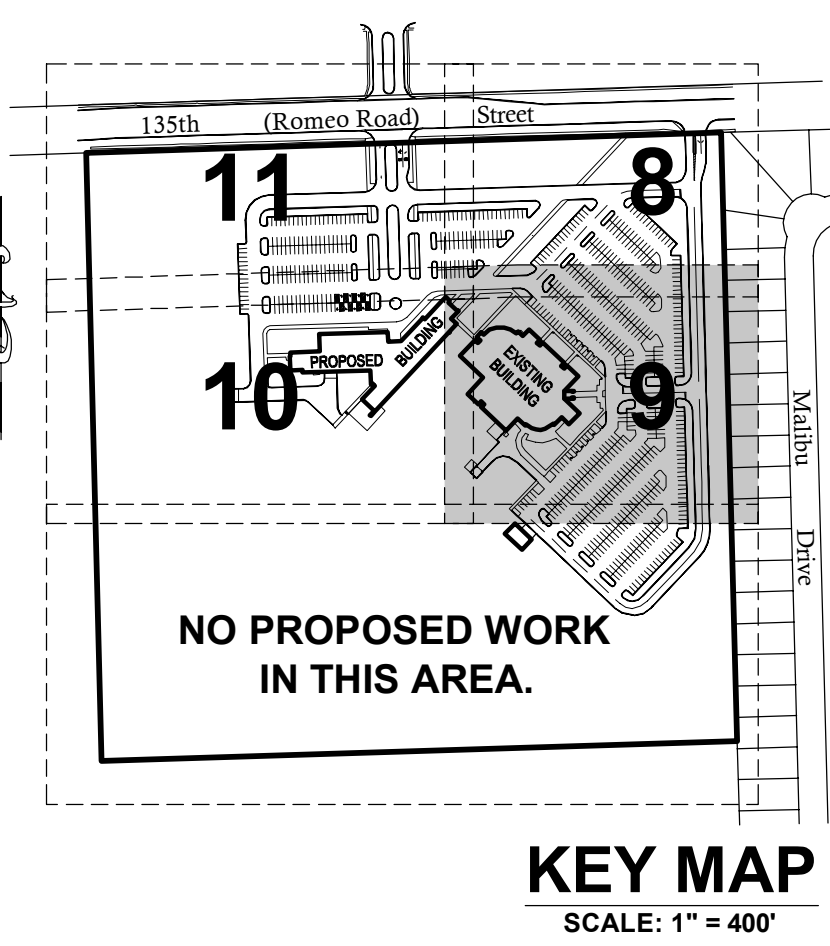
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SEE SHEET 8 FOR CONTINUATION

SEE SHEET 10 FOR CONTINUATION



- DEMOLITION PLAN NOTES:**
- 1.) CONTRACTOR TO VERIFY ALL QUANTITIES NOTED ON PLANS AND INCLUDE AS PART OF BID.
 - 2.) SAWCUT ALL PAVEMENT, CURB AND SIDEWALK JOINTS.
 - 3.) FIELD VERIFY LOCATION OF EXISTING UTILITIES. PROVIDE ADEQUATE PROTECTION OF UTILITIES TO REMAIN IN USE AND USE MUNICIPAL AND UTILITY COMPANY GUIDELINES FOR UTILITIES TO BE RELOCATED OR REMOVED. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES, THE CONSTRUCTION MANAGER AND DESIGNATED JUC REPRESENTATIVES.
 - 4.) ALL MATERIAL NOTED AS "TO BE REMOVED" SHALL BE DISPOSED OF PROPERLY OFFSITE INCLUDING TREES, STUMPS, ROOTS AND SHRUBS UNLESS OTHERWISE NOTED.
 - 5.) EXISTING ROADWAY AND PARKING AREAS SHALL REMAIN CLEAR AND FREE OF ANY DEBRIS.



NO SITE SPECIFIC DEMOLITION OR REMOVAL PROPOSED SOUTH OF THIS AREA.

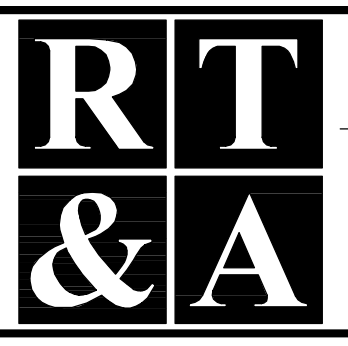
COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.89 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.



REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



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website: www.ruettingertonelli.com

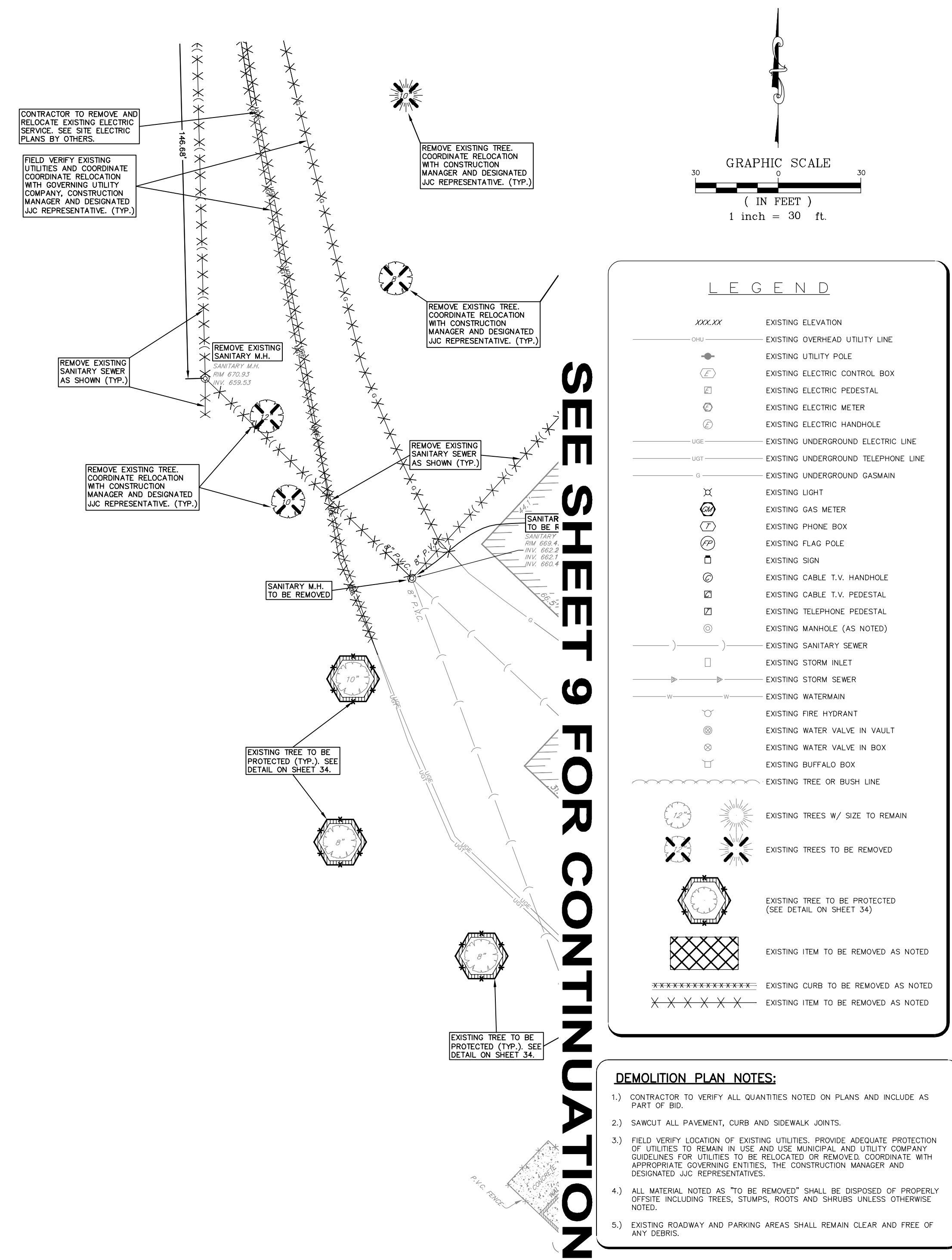
PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
DEMOLITION PLAN
(2 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 9 OF 31

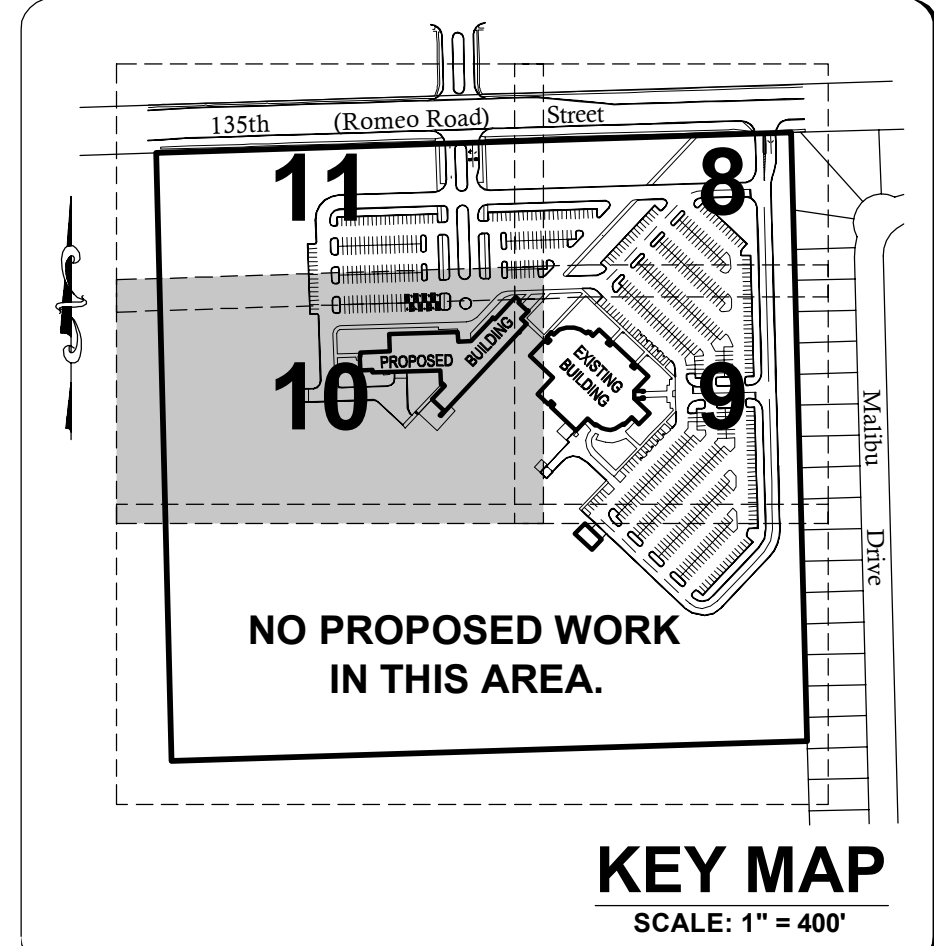
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SEE SHEET 11 FOR CONTINUATION



SEE SHEET 9 FOR CONTINUATION

NO SITE SPECIFIC DEMOLITION OR REMOVAL PROPOSED SOUTH OF THIS AREA.



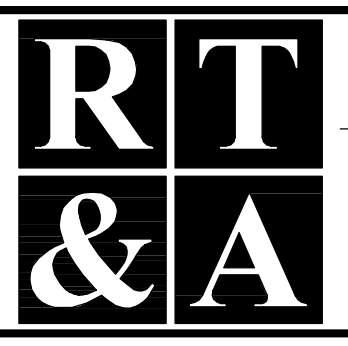
COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.58 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.



REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
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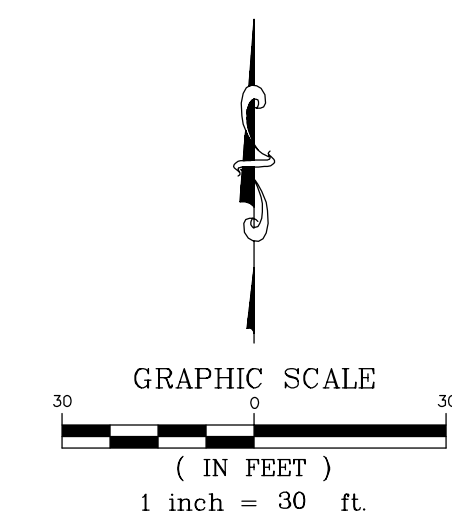
PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOWILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOWILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
DEMOLITION PLAN
(3 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 10 OF 31

1317.09' N
1291.14' W

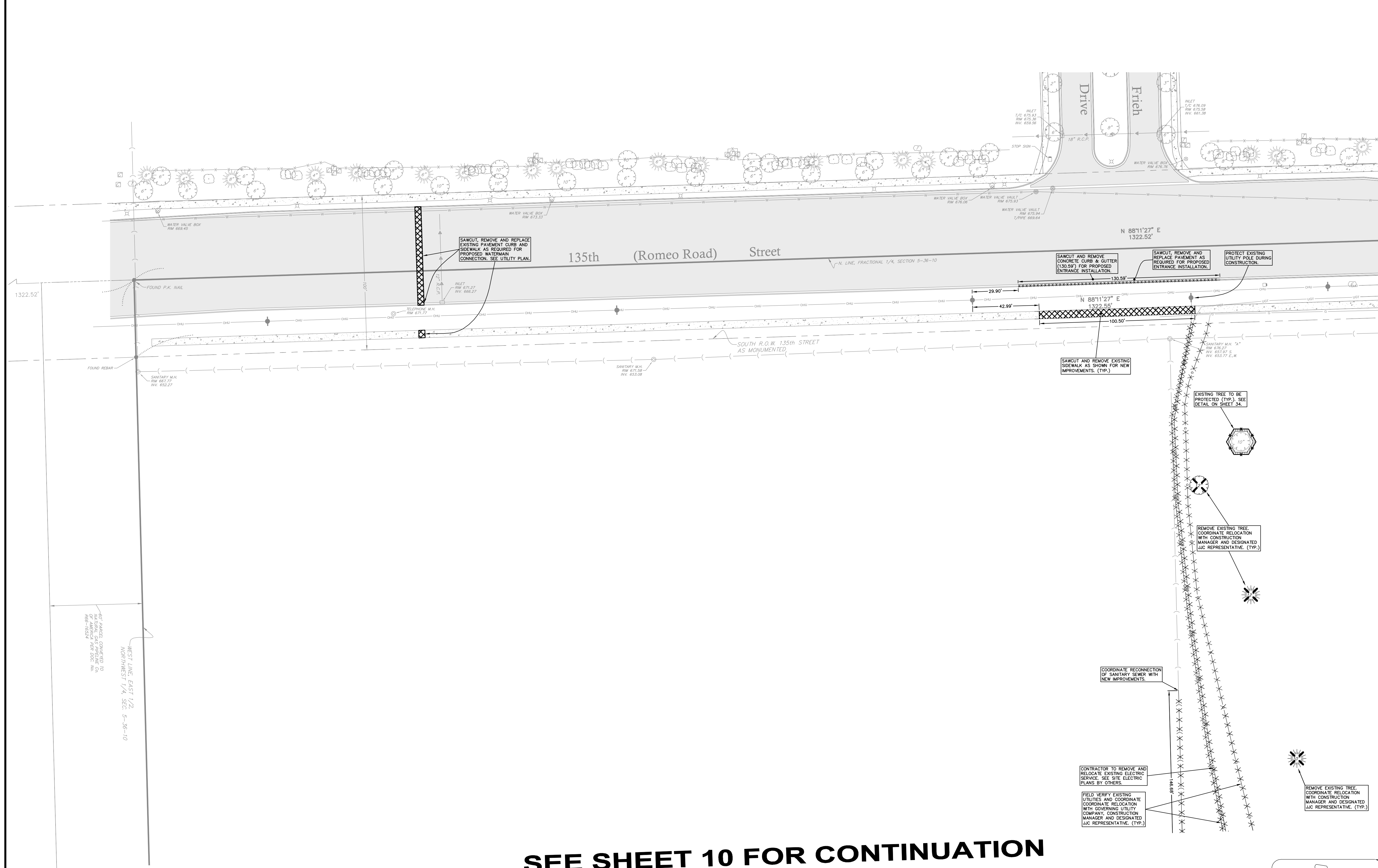
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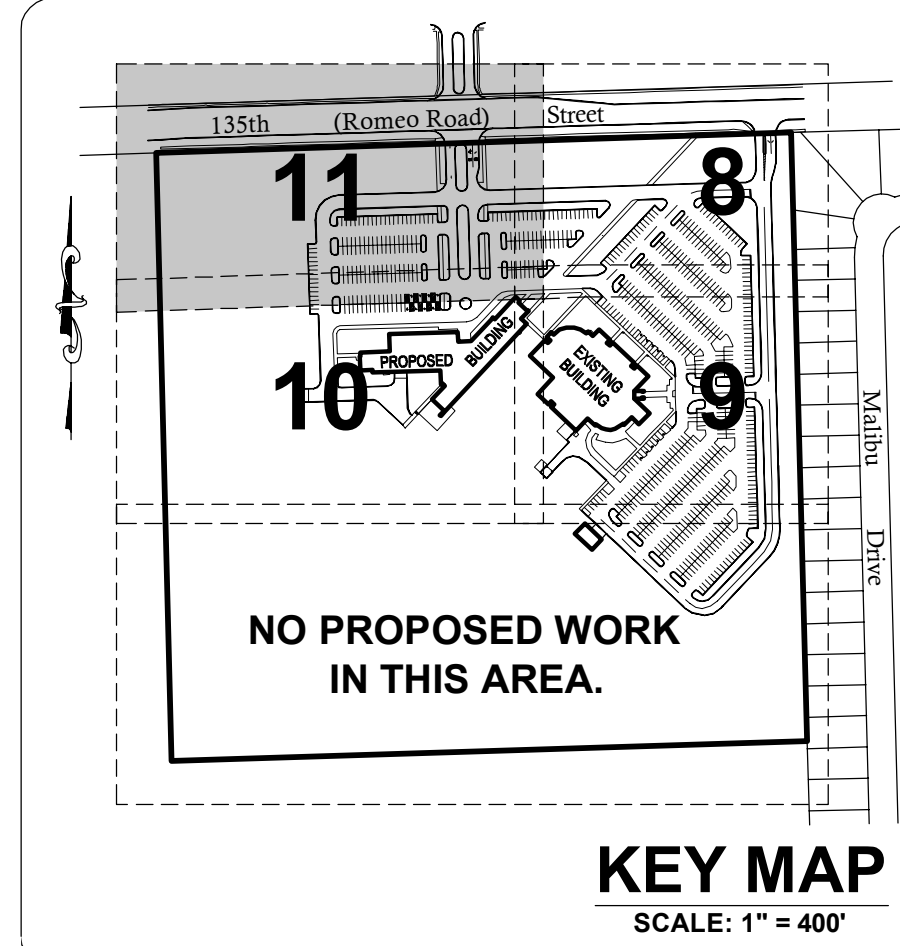
LEGEND	
XXXXXX	EXISTING ELEVATION
OHU	EXISTING OVERHEAD UTILITY LINE
○	EXISTING UTILITY POLE
□	EXISTING ELECTRIC CONTROL BOX
□	EXISTING ELECTRIC PEDESTAL
○	EXISTING ELECTRIC METER
○	EXISTING ELECTRIC HANDHOLE
---	EXISTING UNDERGROUND ELECTRIC LINE
---	EXISTING UNDERGROUND TELEPHONE LINE
---	EXISTING UNDERGROUND GASMAIN
○	EXISTING LIGHT
○	EXISTING GAS METER
○	EXISTING PHONE BOX
○	EXISTING FLAG POLE
○	EXISTING SIGN
○	EXISTING CABLE T.V. HANDHOLE
○	EXISTING CABLE T.V. PEDESTAL
○	EXISTING TELEPHONE PEDESTAL
○	EXISTING MANHOLE (AS NOTED)
---	EXISTING SANITARY SEWER
---	EXISTING STORM INLET
---	EXISTING STORM SEWER
---	EXISTING WATERMAIN
○	EXISTING FIRE HYDRANT
○	EXISTING WATER VALVE IN VAULT
○	EXISTING WATER VALVE IN BOX
○	EXISTING BUFFALO BOX
---	EXISTING TREE OR BUSH LINE
○	EXISTING TREES W/ SIZE TO REMAIN
✕	EXISTING TREES TO BE REMOVED
○	EXISTING TREE TO BE PROTECTED (SEE DETAIL ON SHEET 34)
□	EXISTING ITEM TO BE REMOVED AS NOTED
XXXXXX	EXISTING CURB TO BE REMOVED AS NOTED
XXXXXX	EXISTING ITEM TO BE REMOVED AS NOTED

- DEMOLITION PLAN NOTES:**
- 1) CONTRACTOR TO VERIFY ALL QUANTITIES NOTED ON PLANS AND INCLUDE AS PART OF BID.
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SEE SHEET 8 FOR CONTINUATION



SEE SHEET 10 FOR CONTINUATION



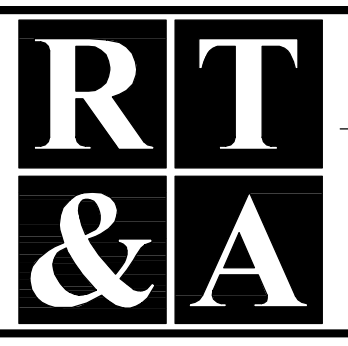
COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.08 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.



REVISIONS						
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.			

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



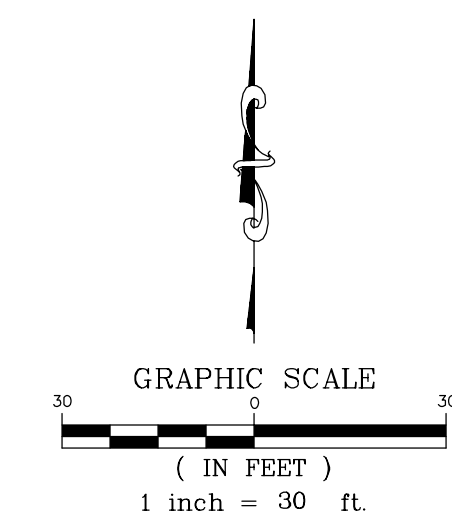
Ruettinger, Tonelli & Associates, Inc.
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129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettingertonelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

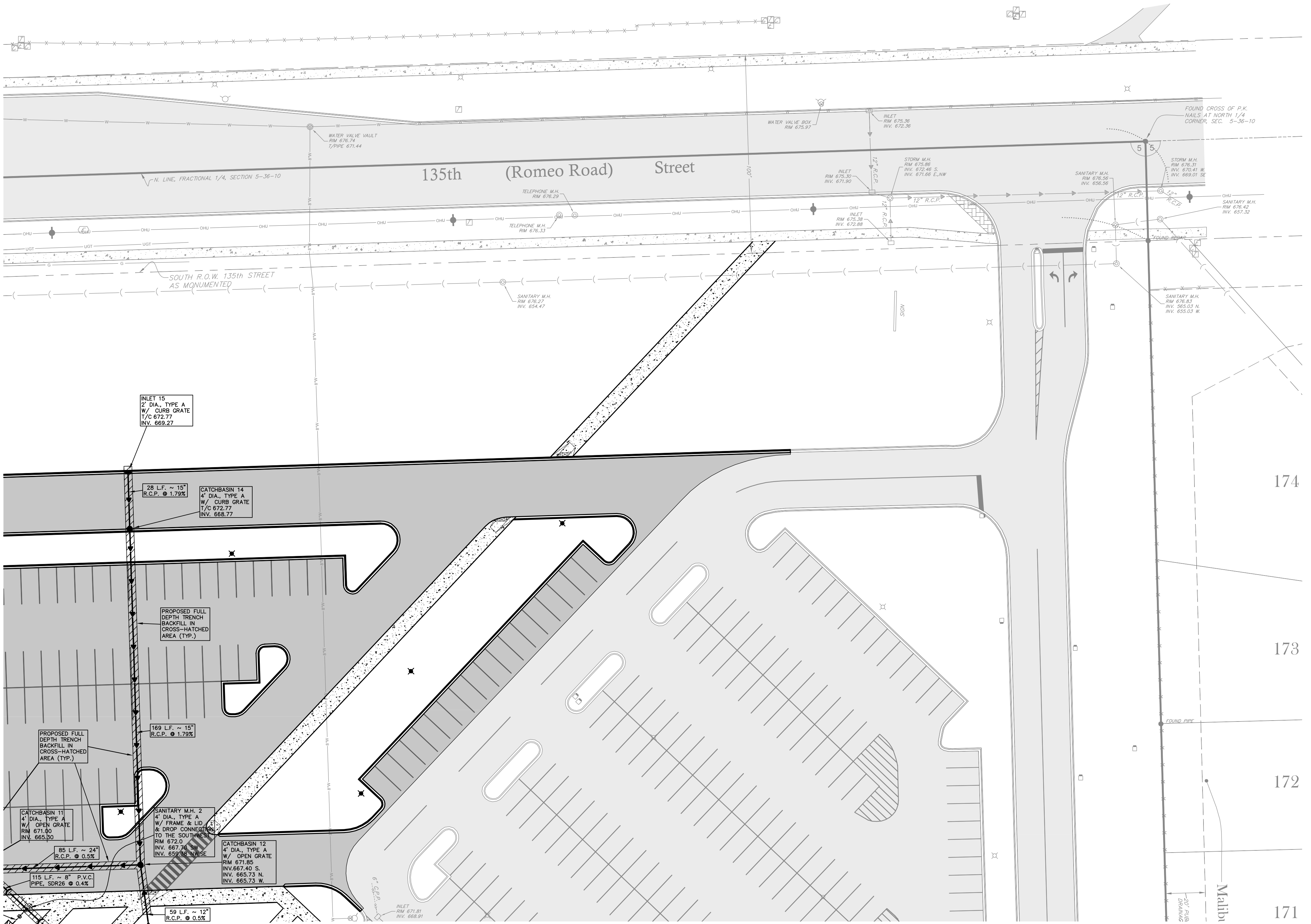
DRAWING TITLE:
**BID PACKAGE 1
DEMOLITION PLAN
(4 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
**ENGINEERING DEPARTMENT
SHEET 11 OF 31**

N:\Tech\2015\0503\0503E\Engineering\Plan Set\CT - JUC Romeo Expansion\Sheet 11 - Demolition Plan.dwg, Layout1, 6/30/2015 3:28:46 PM, lpreeder

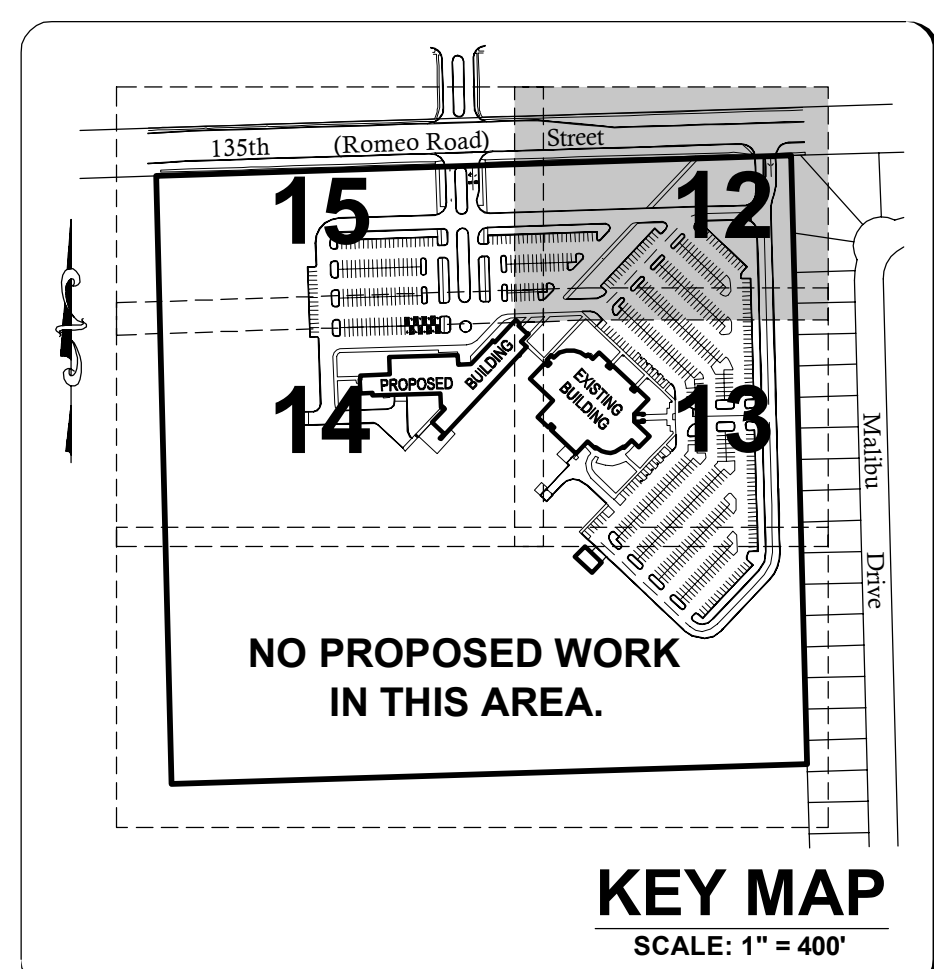


SEE SHEET 15 FOR CONTINUATION



LEGEND	
XXXXXX	EXISTING ELEVATION
—	EXISTING OVERHEAD UTILITY LINE
—	EXISTING UTILITY POLE
⊠	EXISTING ELECTRIC CONTROL BOX
⊠	EXISTING ELECTRIC PEDESTAL
⊠	EXISTING ELECTRIC METER
⊠	EXISTING ELECTRIC HANDHOLE
—	EXISTING UNDERGROUND TELEPHONE LINE
—	EXISTING UNDERGROUND ELECTRIC LINE
—	EXISTING UNDERGROUND GASMANN
⊠	EXISTING LIGHT
⊠	EXISTING GAS METER
⊠	EXISTING PHONE BOX
⊠	EXISTING FLAG POLE
⊠	EXISTING SIGN
⊠	EXISTING CABLE T.V. HANDHOLE
⊠	EXISTING CABLE T.V. PEDESTAL
⊠	EXISTING TELEPHONE PEDESTAL
⊠	EXISTING MANHOLE (AS NOTED)
—	EXISTING SANITARY SEWER
—	EXISTING STORM INLET
—	EXISTING STORM SEWER
—	EXISTING WATERMAIN
⊠	EXISTING FIRE HYDRANT
⊠	EXISTING WATER VALVE IN VAULT
⊠	EXISTING WATER VALVE IN BOX
⊠	EXISTING BUFFALO BOX
—	PROPOSED STORM SEWER
—	PROPOSED STORM MANHOLE
—	PROPOSED CATCHBASIN
—	PROPOSED STORM INLET
—	PROPOSED SANITARY SEWER
—	PROPOSED SANITARY SEWER SERVICE
—	PROPOSED SANITARY MANHOLE
—	PROPOSED WATERMAIN W/ SIZE
—	PROPOSED WATER SERVICE
—	PROPOSED FIRE HYDRANT
—	PROPOSED WATER VALVE AS NOTED
—	PROPOSED BUFFALO BOX
—	PROPOSED LIGHT FIXTURE BASE
—	PROPOSED TRENCH BACKFILL
—	EXISTING PAVEMENT AREA
—	PROPOSED PAVEMENT AREA

SEE SHEET 13 FOR CONTINUATION

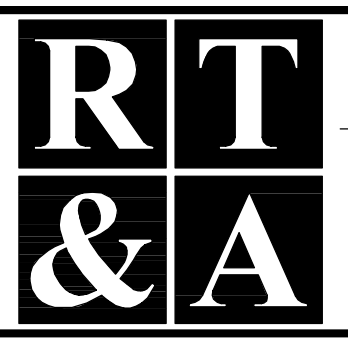


COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.08 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNETT BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS		
No.	DATE	DESCRIPTION
0	6-30-2015	ISSUED FOR BID PACKAGE 1

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



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129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
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website: www.ruettigertonelli.com

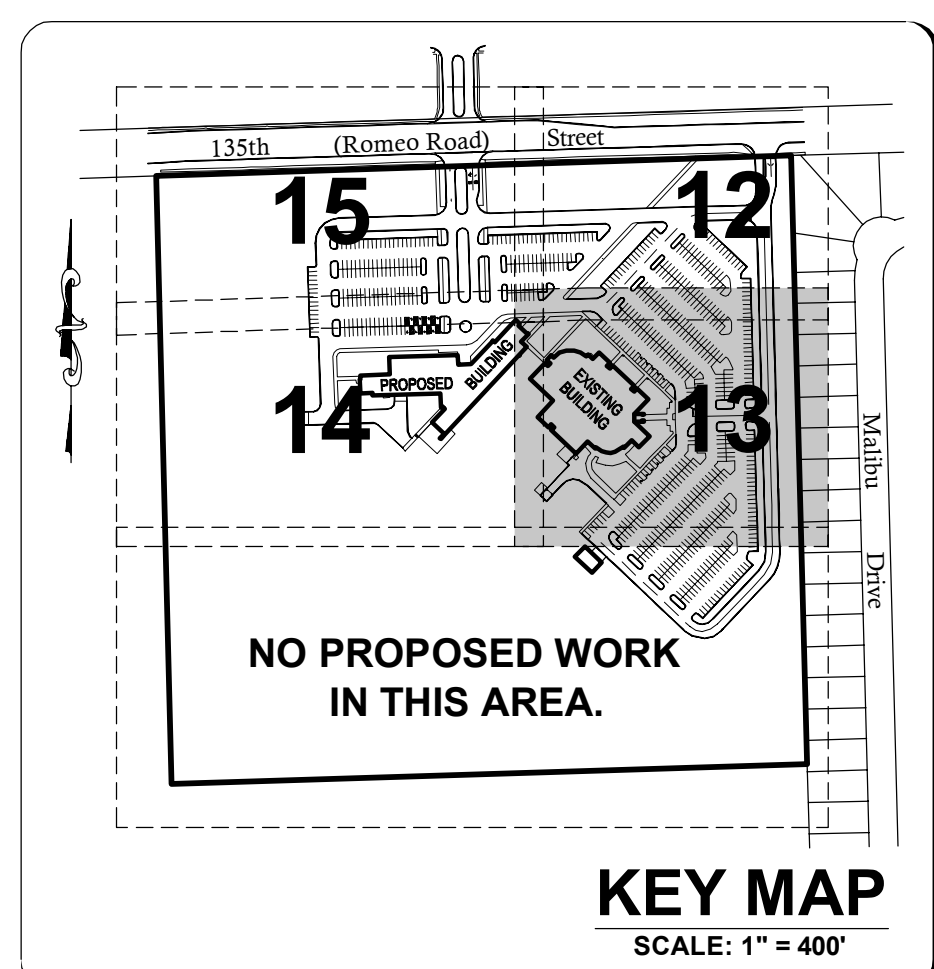
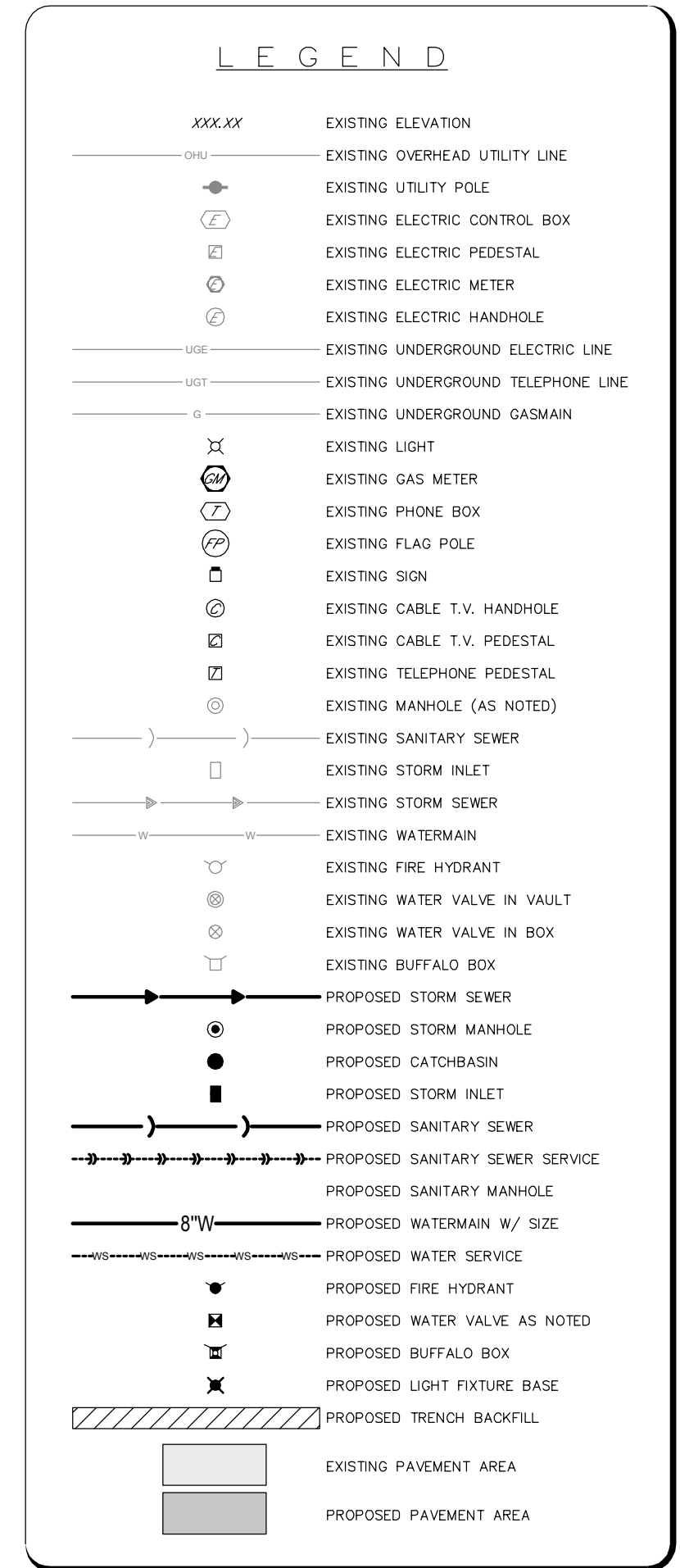
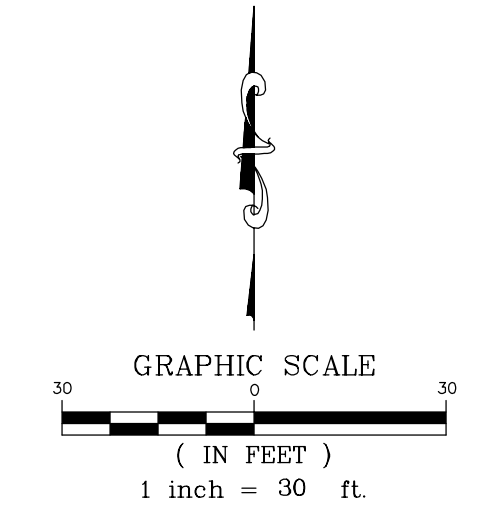
PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOWILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOWILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PROPOSED SITE UTILITY PLAN
(1 OF 4)**

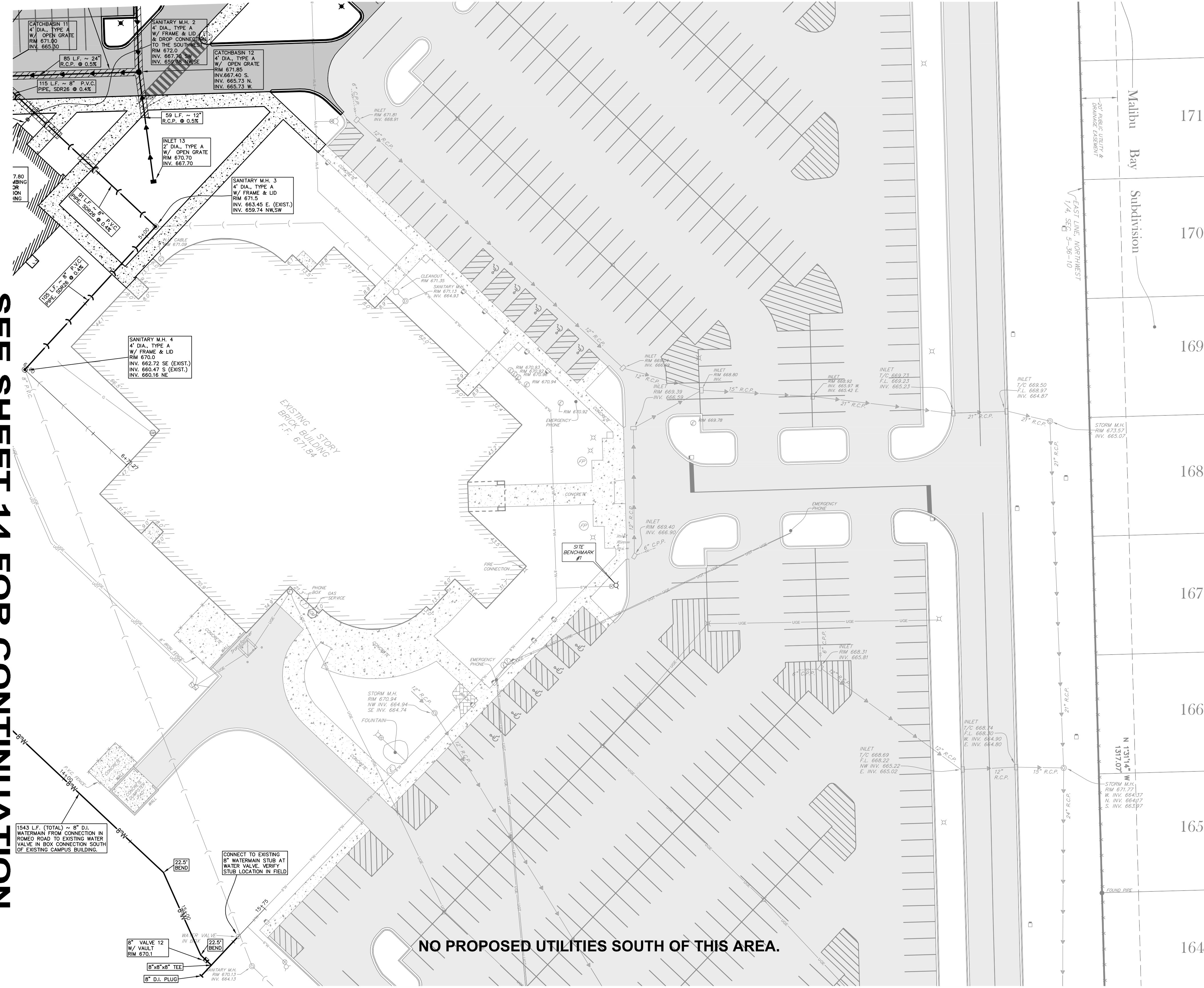
DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 12 OF 31

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SEE SHEET 12 FOR CONTINUATION



SEE SHEET 14 FOR CONTINUATION



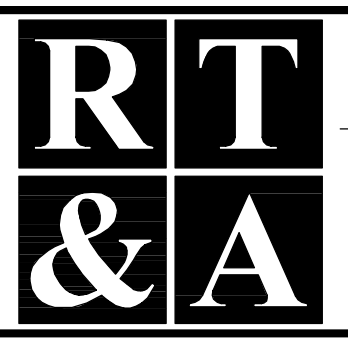
NO PROPOSED UTILITIES SOUTH OF THIS AREA.

COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.08 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF THE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



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129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

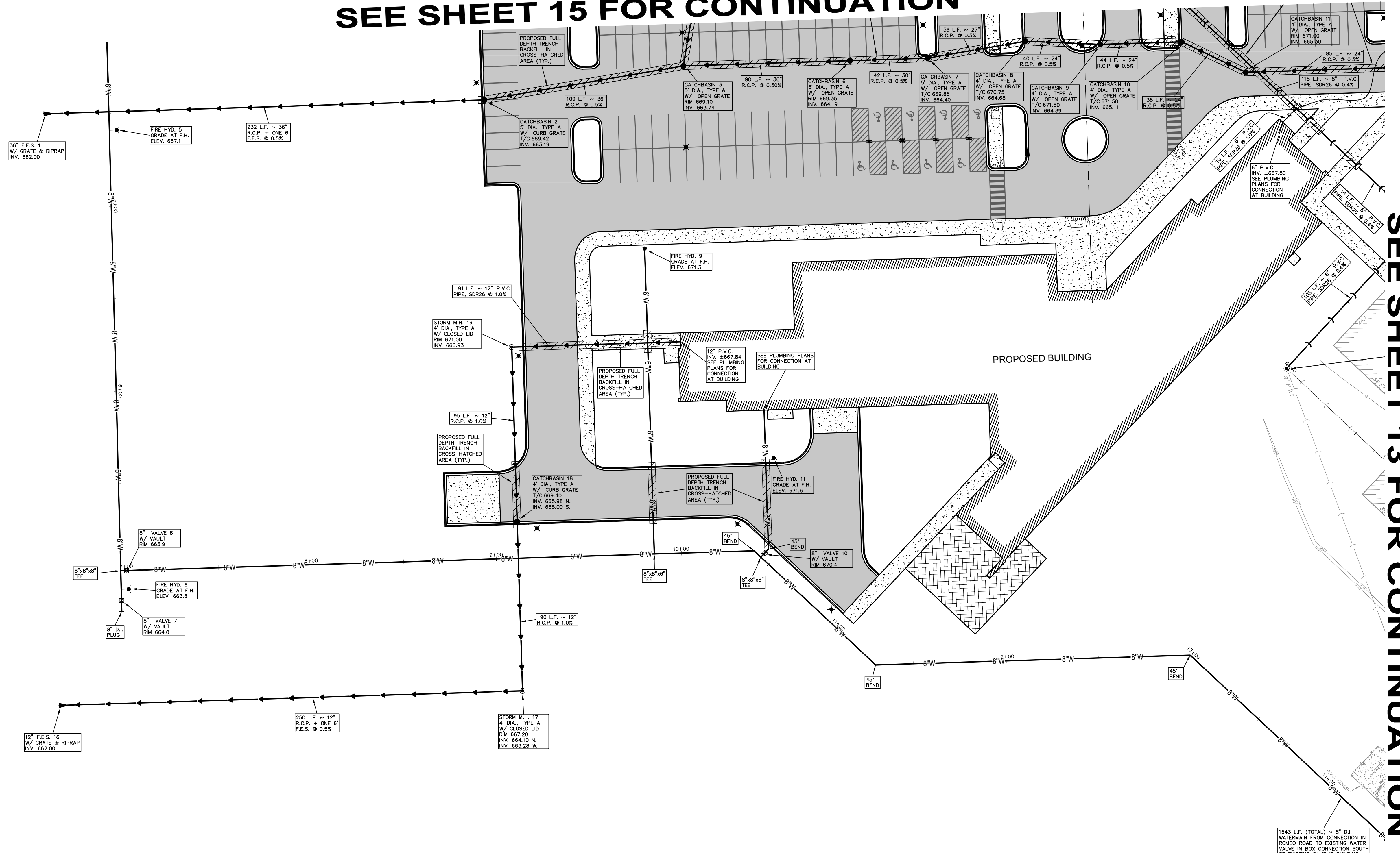
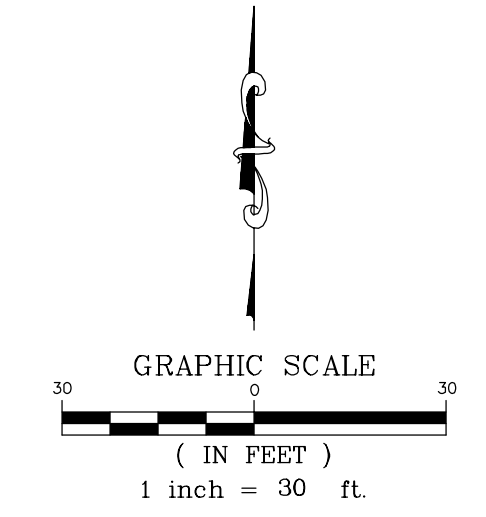
PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PROPOSED SITE UTILITY PLAN
(2 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 13 OF 31

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SEE SHEET 15 FOR CONTINUATION

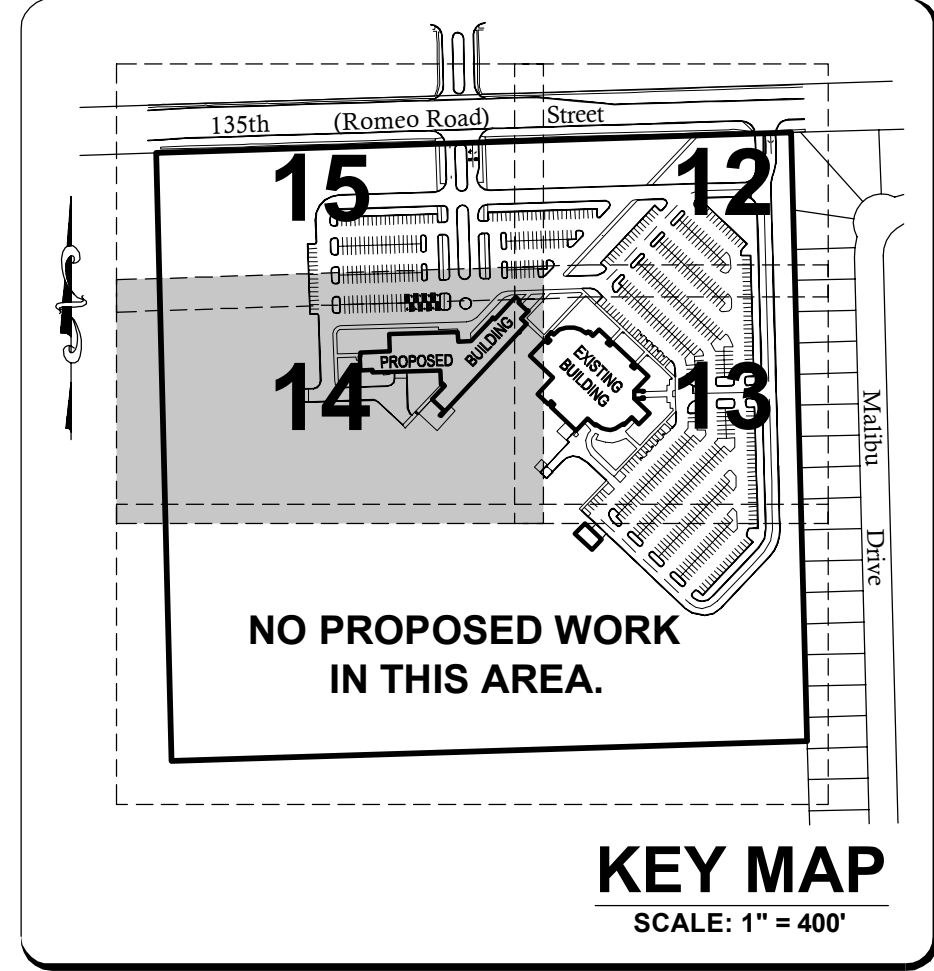


SEE SHEET 13 FOR CONTINUATION

LEGEND

XXXXXX	EXISTING ELEVATION
---	EXISTING OVERHEAD UTILITY LINE
—	EXISTING UTILITY POLE
⊠	EXISTING ELECTRIC CONTROL BOX
⊞	EXISTING ELECTRIC PEDESTAL
⊙	EXISTING ELECTRIC METER
⊕	EXISTING ELECTRIC HANDHOLE
---	EXISTING UNDERGROUND ELECTRIC LINE
---	EXISTING UNDERGROUND TELEPHONE LINE
---	EXISTING UNDERGROUND GASMAIN
⊙	EXISTING LIGHT
⊙	EXISTING GAS METER
⊙	EXISTING PHONE BOX
⊙	EXISTING FLAG POLE
⊙	EXISTING SIGN
⊙	EXISTING CABLE T.V. HANDHOLE
⊙	EXISTING CABLE T.V. PEDESTAL
⊙	EXISTING TELEPHONE PEDESTAL
⊙	EXISTING MANHOLE (AS NOTED)
---	EXISTING SANITARY SEWER
---	EXISTING STORM INLET
---	EXISTING STORM SEWER
---	EXISTING WATERMAIN
---	EXISTING FIRE HYDRANT
---	EXISTING WATER VALVE IN VAULT
---	EXISTING WATER VALVE IN BOX
---	EXISTING BUFFALO BOX
---	PROPOSED STORM SEWER
---	PROPOSED STORM MANHOLE
---	PROPOSED STORM INLET
---	PROPOSED SANITARY SEWER
---	PROPOSED SANITARY SEWER SERVICE
---	PROPOSED SANITARY MANHOLE
---	PROPOSED WATERMAIN W/ SIZE
---	PROPOSED WATER SERVICE
---	PROPOSED FIRE HYDRANT
---	PROPOSED WATER VALVE AS NOTED
---	PROPOSED BUFFALO BOX
---	PROPOSED LIGHT FIXTURE BASE
---	PROPOSED TRENCH BACKFILL
---	EXISTING PAVEMENT AREA
---	PROPOSED PAVEMENT AREA

NO PROPOSED UTILITIES SOUTH OF THIS AREA.



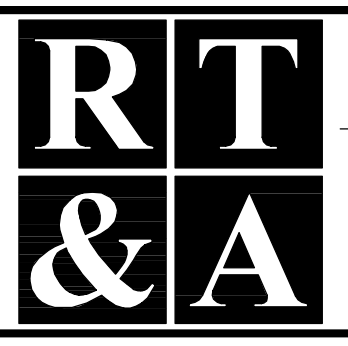
COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.58 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS

No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



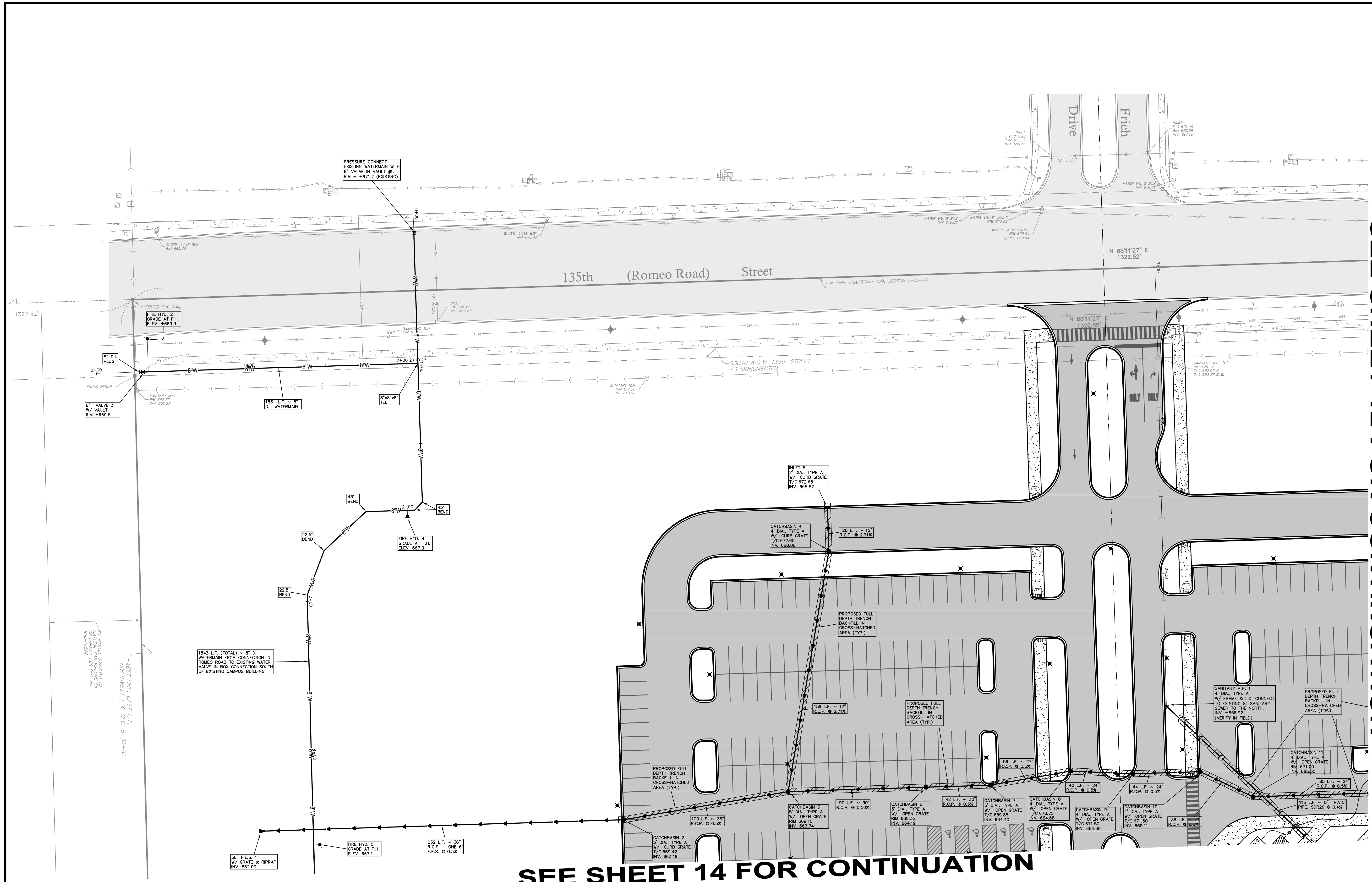
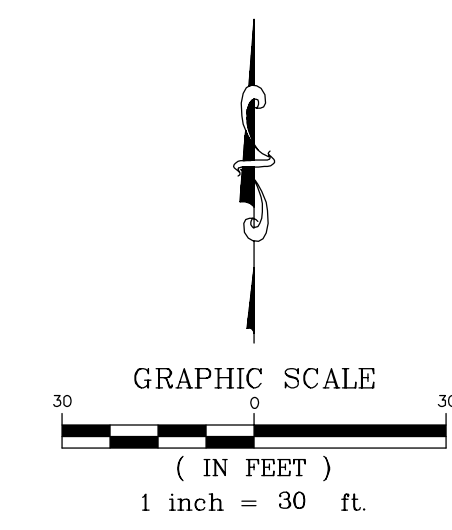
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129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PROPOSED SITE UTILITY PLAN
(3 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 14 OF 31

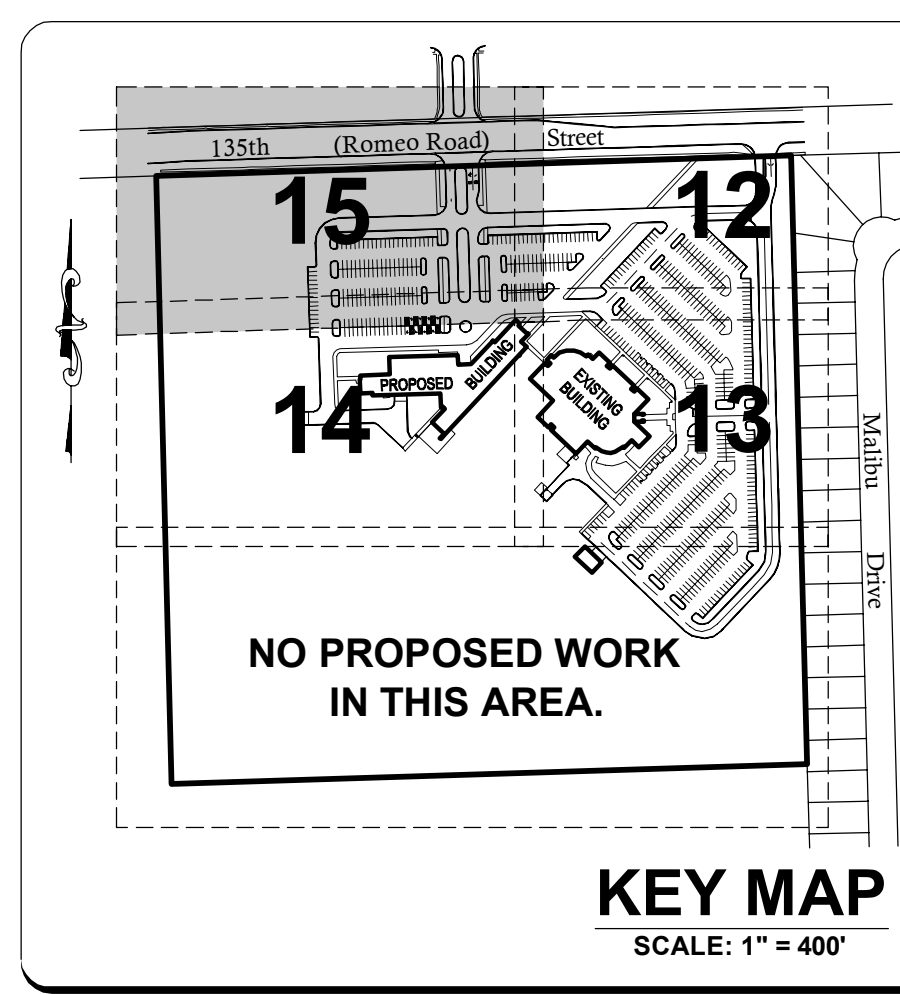
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SEE SHEET 12 FOR CONTINUATION

LEGEND	
XXXXXX	EXISTING ELEVATION
—	EXISTING OVERHEAD UTILITY LINE
—	EXISTING UTILITY POLE
⊕	EXISTING ELECTRIC CONTROL BOX
⊕	EXISTING ELECTRIC PEDESTAL
⊕	EXISTING ELECTRIC METER
⊕	EXISTING ELECTRIC HANDHOLE
—	EXISTING UNDERGROUND ELECTRIC LINE
—	EXISTING UNDERGROUND TELEPHONE LINE
—	EXISTING UNDERGROUND GASMAIN
⊕	EXISTING LIGHT
⊕	EXISTING GAS METER
⊕	EXISTING PHONE BOX
⊕	EXISTING FLAG POLE
⊕	EXISTING SIGN
⊕	EXISTING CABLE T.V. HANDHOLE
⊕	EXISTING CABLE T.V. PEDESTAL
⊕	EXISTING TELEPHONE PEDESTAL
⊕	EXISTING MANHOLE (AS NOTED)
—	EXISTING SANITARY SEWER
—	EXISTING STORM INLET
—	EXISTING STORM SEWER
—	EXISTING FIRE HYDRANT
⊕	EXISTING WATER VALVE IN VAULT
⊕	EXISTING WATER VALVE IN BOX
⊕	EXISTING BUFFALO BOX
—	PROPOSED STORM SEWER
—	PROPOSED STORM MANHOLE
—	PROPOSED CATCHBASIN
—	PROPOSED STORM INLET
—	PROPOSED SANITARY SEWER
—	PROPOSED SANITARY SEWER SERVICE
—	PROPOSED SANITARY MANHOLE
—	PROPOSED WATERMAIN W/ SIZE
—	PROPOSED WATER SERVICE
—	PROPOSED FIRE HYDRANT
—	PROPOSED WATER VALVE AS NOTED
—	PROPOSED BUFFALO BOX
—	PROPOSED LIGHT FIXTURE BASE
—	PROPOSED TRENCH BACKFILL
▨	EXISTING PAVEMENT AREA
▨	PROPOSED PAVEMENT AREA

SEE SHEET 14 FOR CONTINUATION

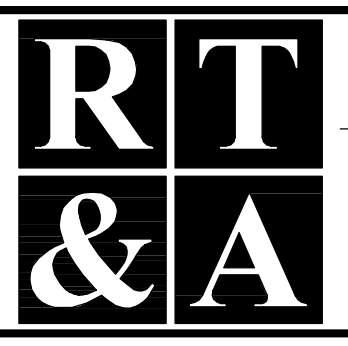


COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.08 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



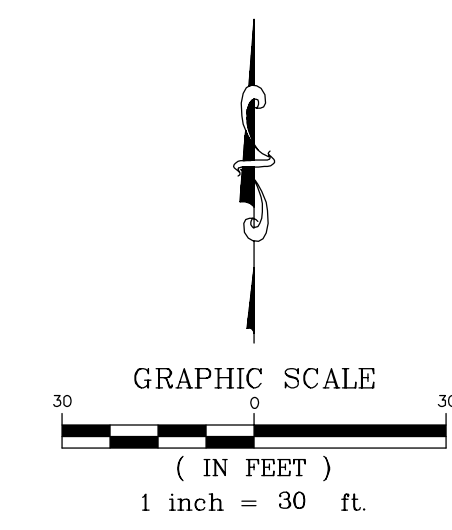
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129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PROPOSED SITE UTILITY PLAN
(4 OF 4)**

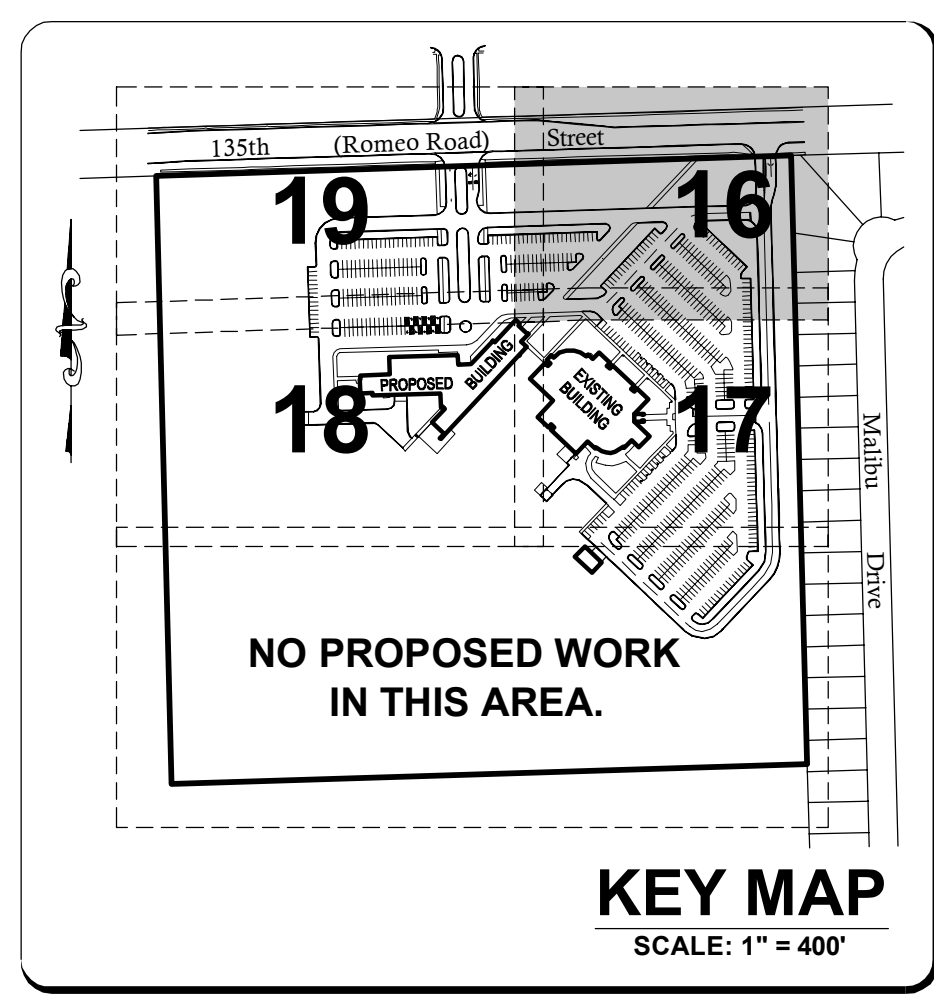
DRAWING No.
315-0053-C1
SCALE:
AS NOTED
**ENGINEERING DEPARTMENT
SHEET 15 OF 31**

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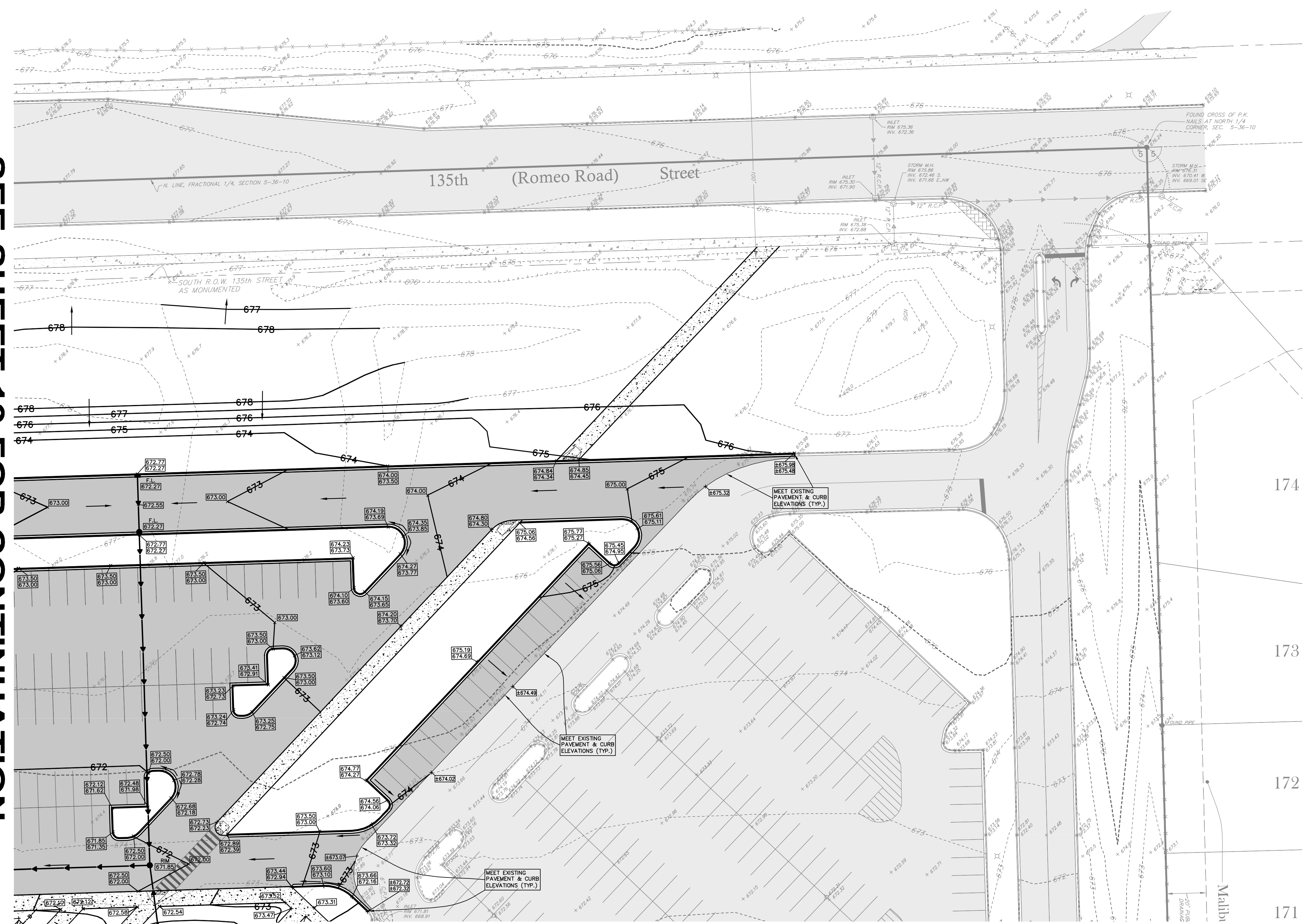


LEGEND	
XXXXXX	EXISTING ELEVATION
---	EXISTING CONTOUR
□	EXISTING STORM INLET
---	EXISTING STORM SEWER
---	PROPOSED CONTOUR
---	PROPOSED STORM SEWER
○	PROPOSED STORM MANHOLE
●	PROPOSED CATCHBASIN
○	PROPOSED STORM INLET
XXXXXX	PROPOSED ELEVATION
XXXXXX	PROPOSED TOP OF CURB ELEVATION
XXXXXX	PROPOSED FLOW LINE ELEVATION
→	DIRECTION OF OVERLAND FLOW
F.F.	FINISHED FLOOR
T/C	TOP OF CURB
F.L.	FLOW LINE
R.C.P.	REINFORCED CONCRETE PIPE
□	EXISTING PAVEMENT AREA
□	PROPOSED PAVEMENT AREA

- PROPOSED SITE GRADING NOTES:**
- UNLESS OTHERWISE NOTED, ALL PROPOSED GRADES ARE EITHER FINISHED PAVEMENT ELEVATIONS OR FINISHED LANDSCAPE ELEVATIONS.
 - CONTRACTOR TO PREVENT EROSION ONTO EXISTING PAVEMENT.
 - GRADE SLOPE SHALL NOT EXCEED 4 TO 1.
 - CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANS FOR ADDITIONAL SITE AMENITIES.



SEE SHEET 19 FOR CONTINUATION



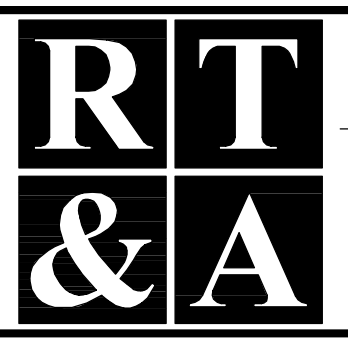
SEE SHEET 17 FOR CONTINUATION

COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.58 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
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FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



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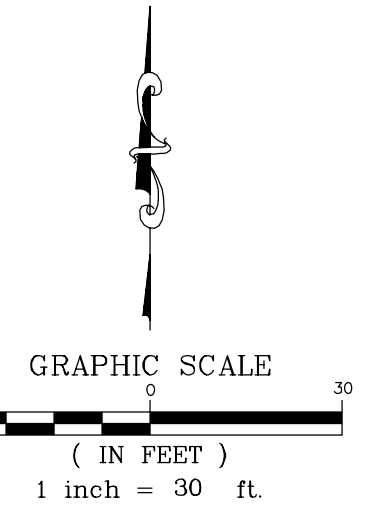
PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE: **BID PACKAGE 1
PROPOSED SITE GRADING PLAN
(1 OF 4)**

DRAWING No. 315-0053-C1
SCALE: AS NOTED
**ENGINEERING DEPARTMENT
SHEET 16 OF 31**

N:\Tech\20150053\Engineering\Plan_Sheet_C1 - JJC Romeo Campus Expansion.dwg - Creating Plot 01.dwg Layout: 6/30/2015 3:41:11 PM (pines)

SEE SHEET 16 FOR CONTINUATION

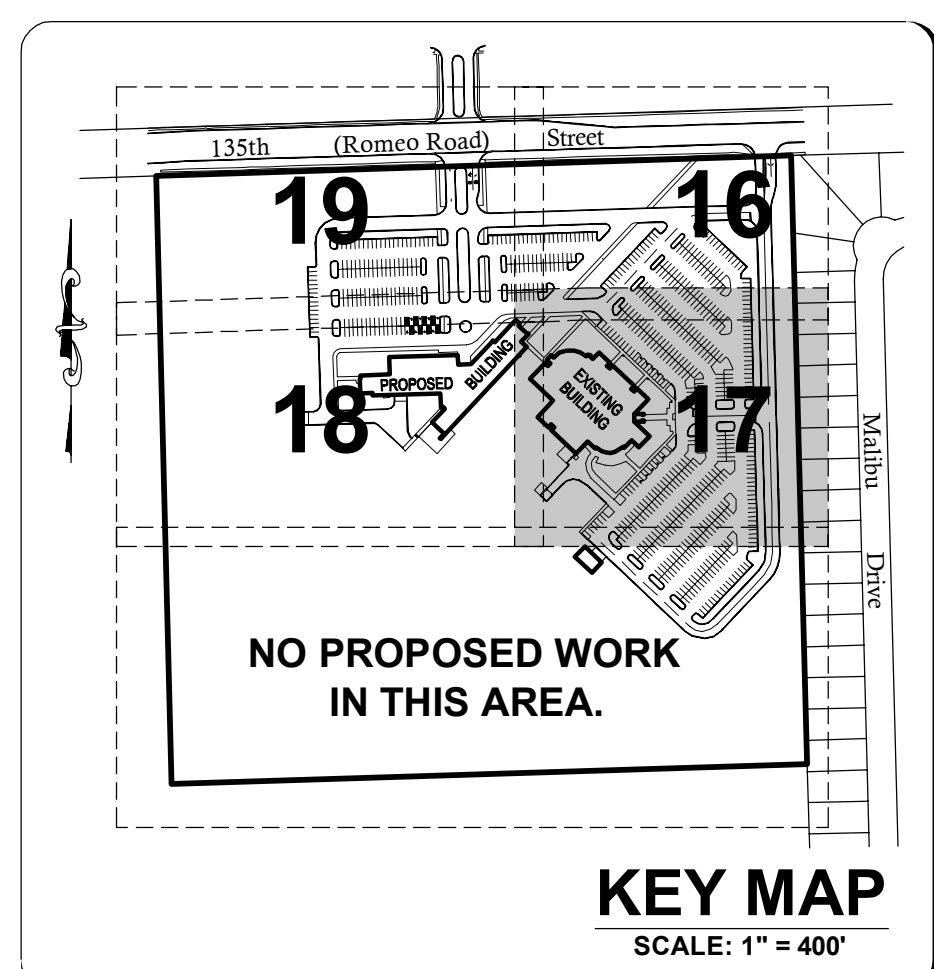


LEGEND

- EXISTING ELEVATION
- EXISTING CONTOUR
- EXISTING STORM INLET
- EXISTING STORM SEWER
- PROPOSED CONTOUR
- PROPOSED STORM SEWER
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED STORM INLET
- PROPOSED ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED FLOW LINE ELEVATION
- DIRECTION OF OVERLAND FLOW
- F.F. FINISHED FLOOR
- T/C TOP OF CURB
- F.L. FLOW LINE
- R.C.P. REINFORCED CONCRETE PIPE
- ▨ EXISTING PAVEMENT AREA
- ▨ PROPOSED PAVEMENT AREA

PROPOSED SITE GRADING NOTES:

- UNLESS OTHERWISE NOTED, ALL PROPOSED GRADES ARE EITHER FINISHED PAVEMENT ELEVATIONS OR FINISHED LANDSCAPE ELEVATIONS.
- CONTRACTOR TO PREVENT EROSION ONTO EXISTING PAVEMENT.
- GRADE SLOPE SHALL NOT EXCEED 4 TO 1.
- CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANS FOR ADDITIONAL SITE AMENITIES.



SEE SHEET 18 FOR CONTINUATION



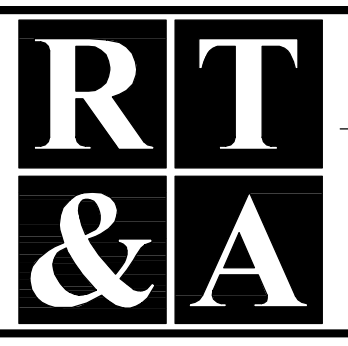
NO PROPOSED IMPROVEMENTS SOUTH OF THIS AREA

COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.08 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BROWN BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



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PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonelli.com

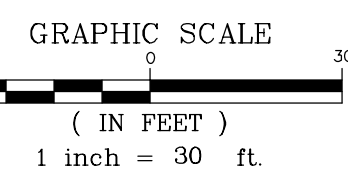
PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEORVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEORVILLE, ILLINOIS 60446**

DRAWING TITLE: **BID PACKAGE 1
PROPOSED SITE GRADING PLAN
(2 OF 4)**

DRAWING No. 315-0053-C1
SCALE: AS NOTED
**ENGINEERING DEPARTMENT
SHEET 17 OF 31**

N:\T\2015\0053\Engineering\Plan_Sheet_1 - Creating Plot 02.dwg Layout: 03/02/15 3:42:39 PM (p) 15

SEE SHEET 19 FOR CONTINUATION

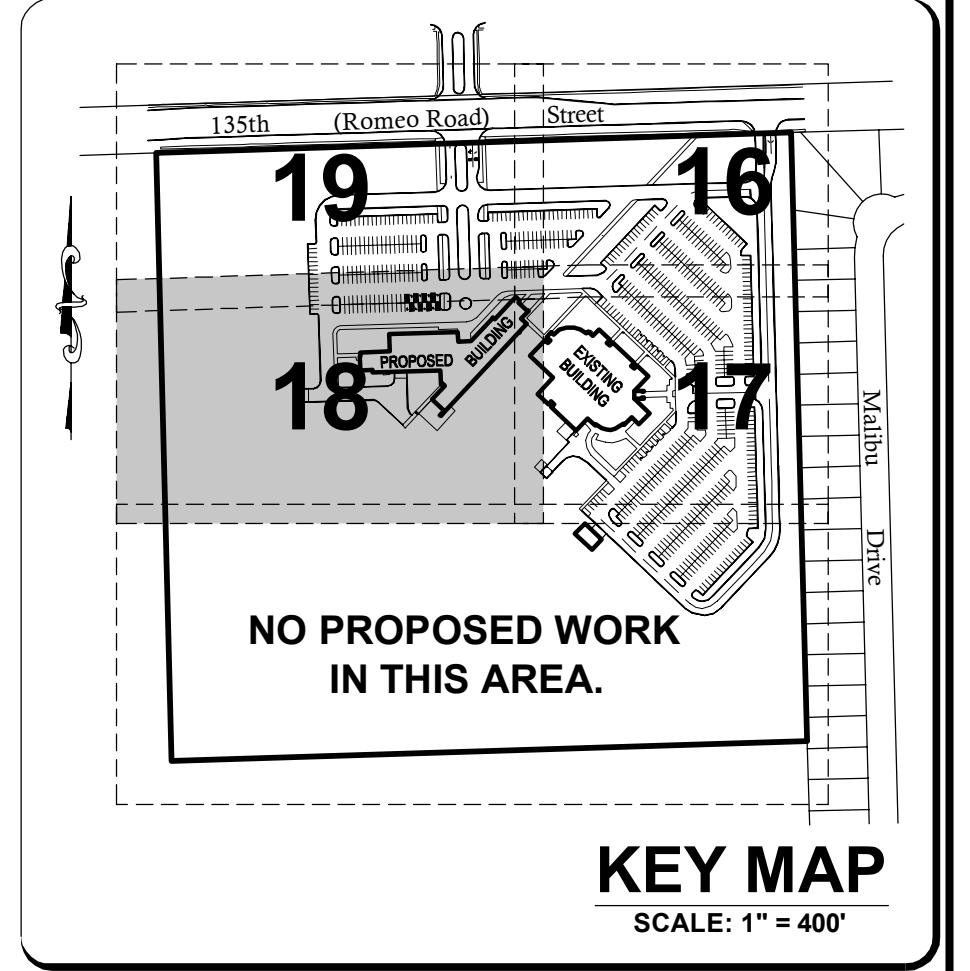
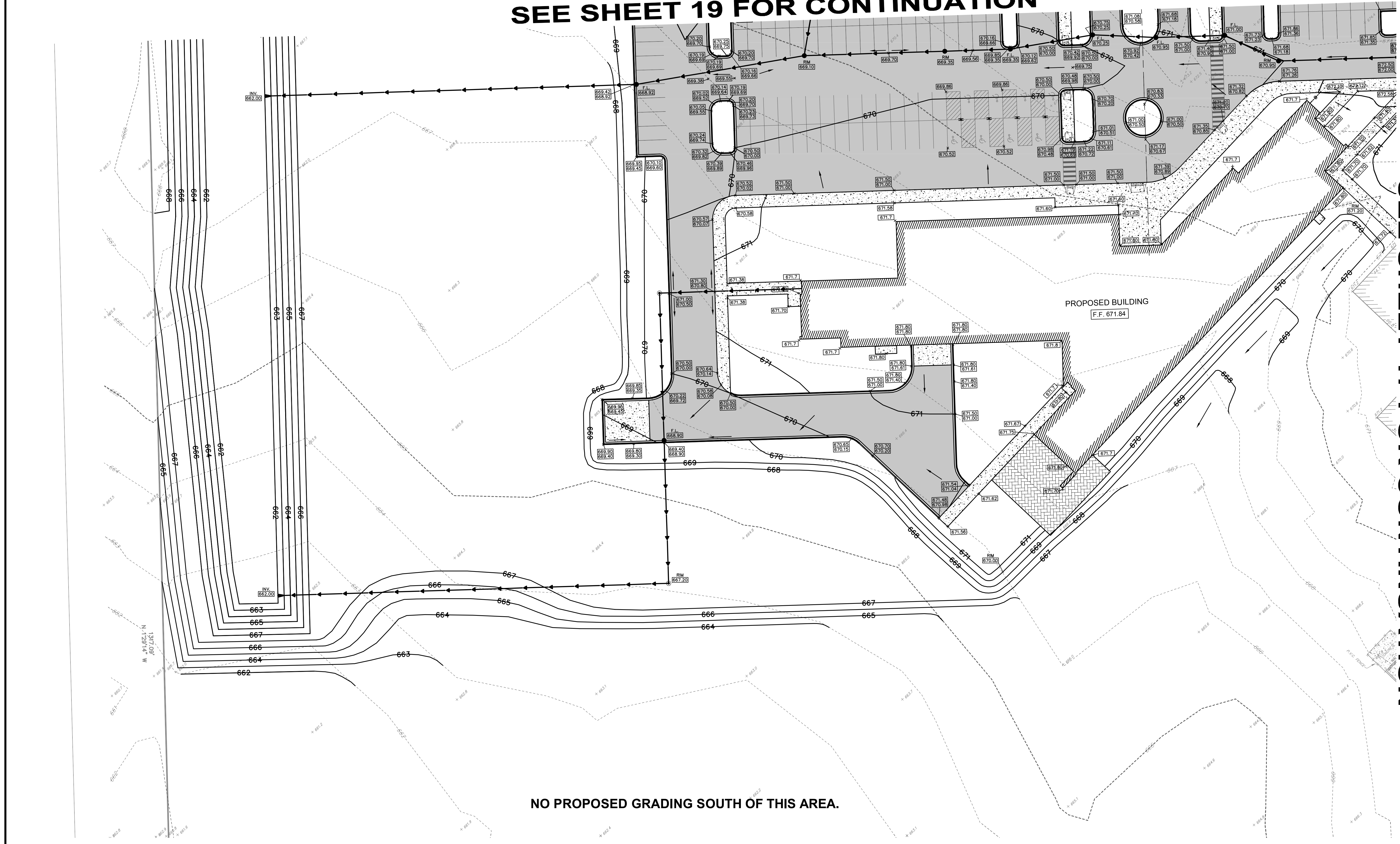


LEGEND

- XXXXXX EXISTING ELEVATION
- EXISTING CONTOUR
- EXISTING STORM INLET
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED STORM INLET
- XXXXXX PROPOSED ELEVATION
- XXXXXX PROPOSED TOP OF CURB ELEVATION
- XXXXXX PROPOSED FLOW LINE ELEVATION
- DIRECTION OF OVERLAND FLOW
- F.F. FINISHED FLOOR
- T/C TOP OF CURB
- F.L. FLOW LINE
- R.C.P. REINFORCED CONCRETE PIPE
- EXISTING PAVEMENT AREA
- PROPOSED PAVEMENT AREA

- PROPOSED SITE GRADING NOTES:**
- 1.) UNLESS OTHERWISE NOTED, ALL PROPOSED GRADES ARE EITHER FINISHED PAVEMENT ELEVATIONS OR FINISHED LANDSCAPE ELEVATIONS.
 - 2.) CONTRACTOR TO PREVENT EROSION ONTO EXISTING PAVEMENT.
 - 3.) GRADE SLOPE SHALL NOT EXCEED 4 TO 1.
 - 4.) CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANS FOR ADDITIONAL SITE AMENITIES.

SEE SHEET 17 FOR CONTINUATION

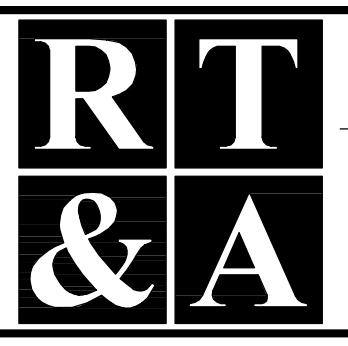


COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.08 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS					
No.	DATE	DESCRIPTION	BY	No.	DATE
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.		

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



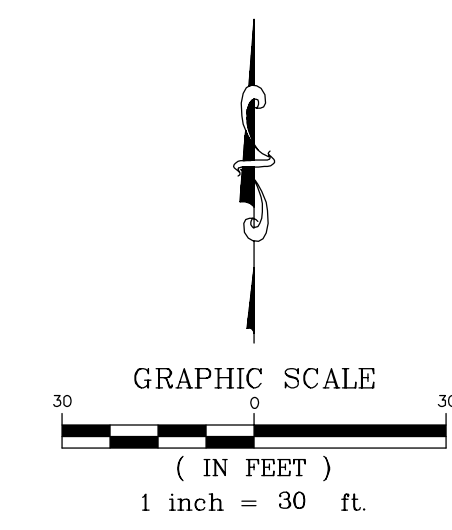
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129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PROPOSED SITE GRADING PLAN
(3 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 18 OF 31

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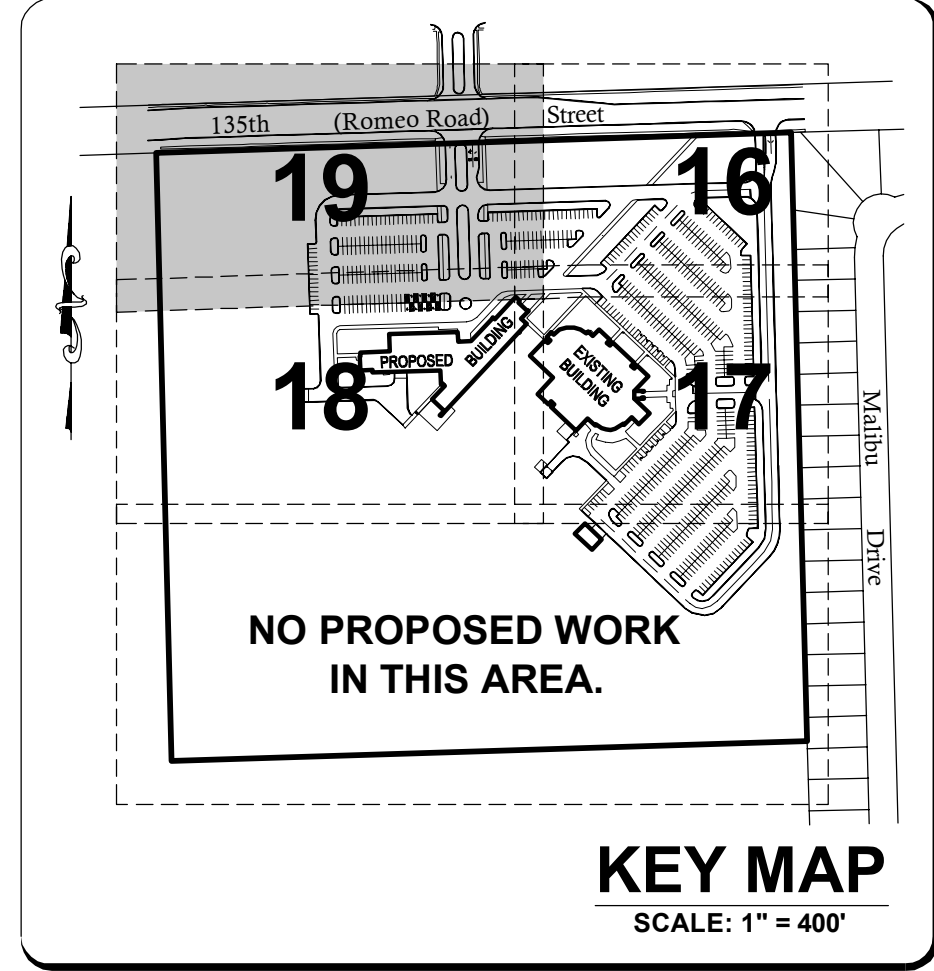


LEGEND	
XXXXXX	EXISTING ELEVATION
---	EXISTING CONTOUR
□	EXISTING STORM INLET
---	EXISTING STORM SEWER
---	PROPOSED CONTOUR
---	PROPOSED STORM SEWER
○	PROPOSED STORM MANHOLE
○	PROPOSED CATCHBASIN
○	PROPOSED STORM INLET
XXXXXX	PROPOSED ELEVATION
XXXXXX	PROPOSED TOP OF CURB ELEVATION
XXXXXX	PROPOSED FLOW LINE ELEVATION
---	DIRECTION OF OVERLAND FLOW
F.F.	FINISHED FLOOR
T/C	TOP OF CURB
F.L.	FLOW LINE
R.C.P.	REINFORCED CONCRETE PIPE
---	EXISTING PAVEMENT AREA
---	PROPOSED PAVEMENT AREA

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SEE SHEET 16 FOR CONTINUATION

SEE SHEET 18 FOR CONTINUATION

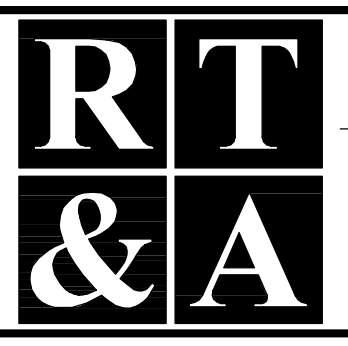


COUNTY OF WILL BENCHMARK:
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REVISIONS			
No.	DATE	DESCRIPTION	BY
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DOCUMENTATION:
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DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.

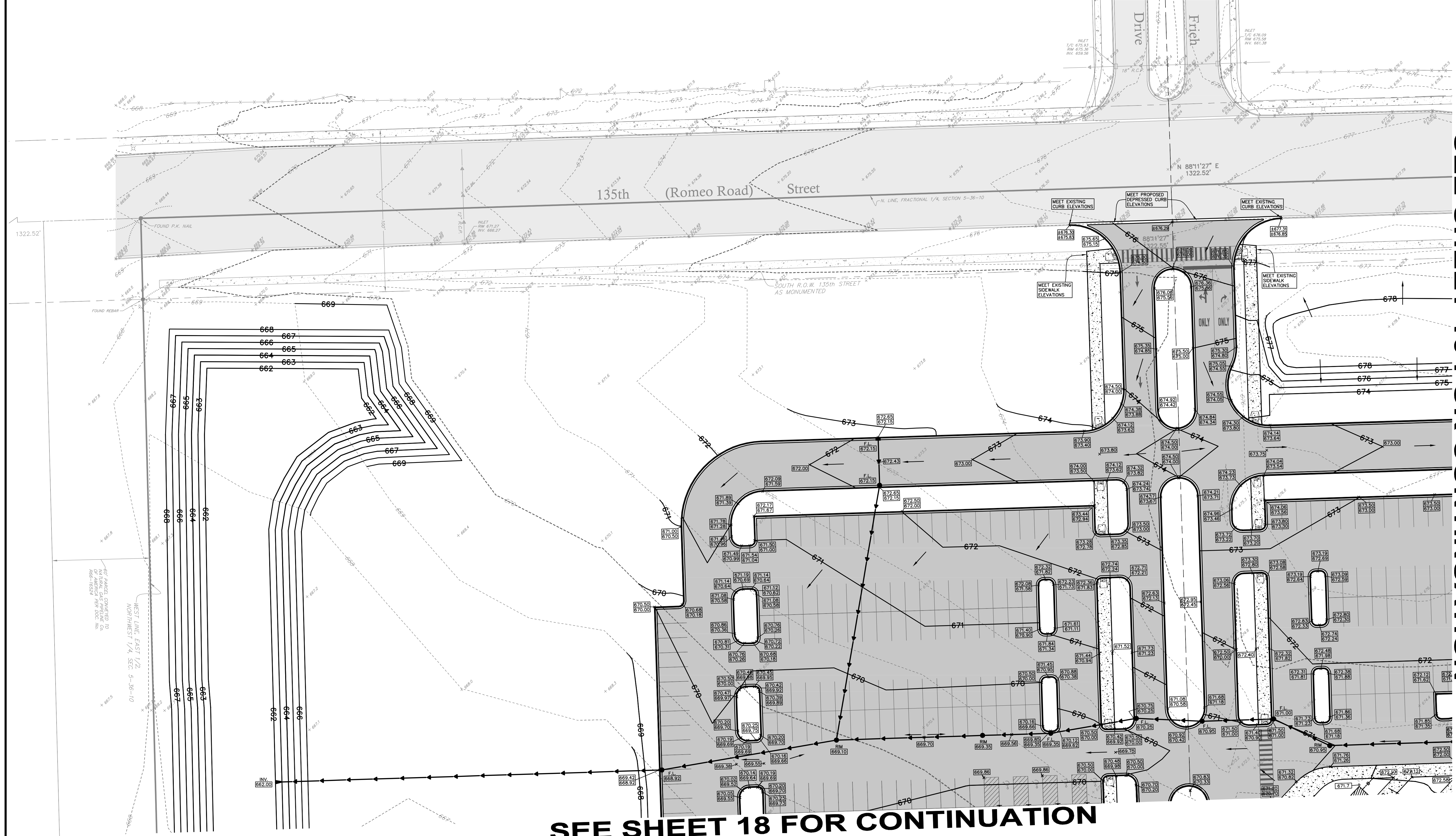


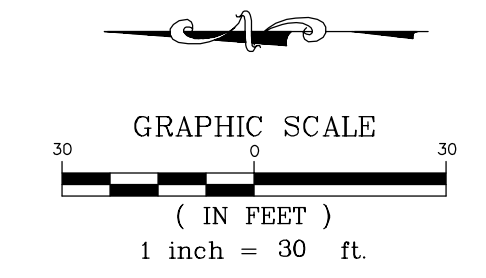
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website: www.ruettingertonelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOWILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOWILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PROPOSED SITE GRADING PLAN
(4 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
**ENGINEERING DEPARTMENT
SHEET 19 OF 31**

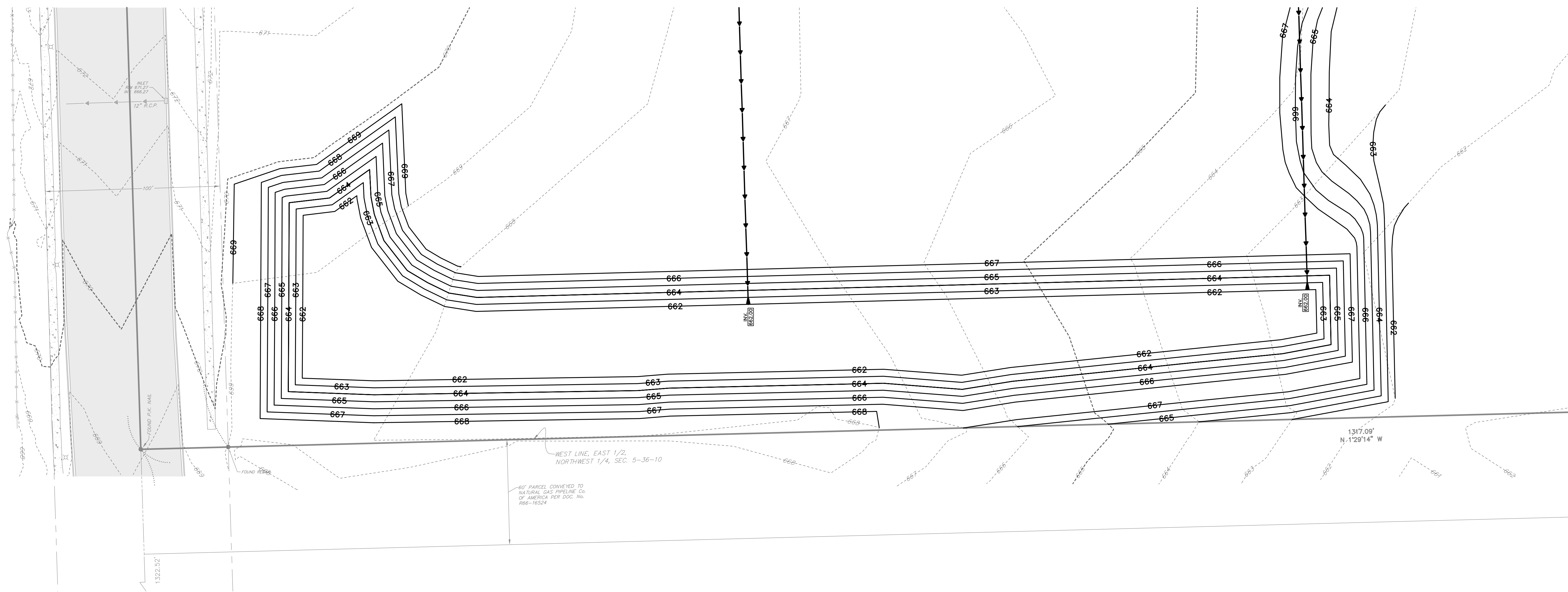
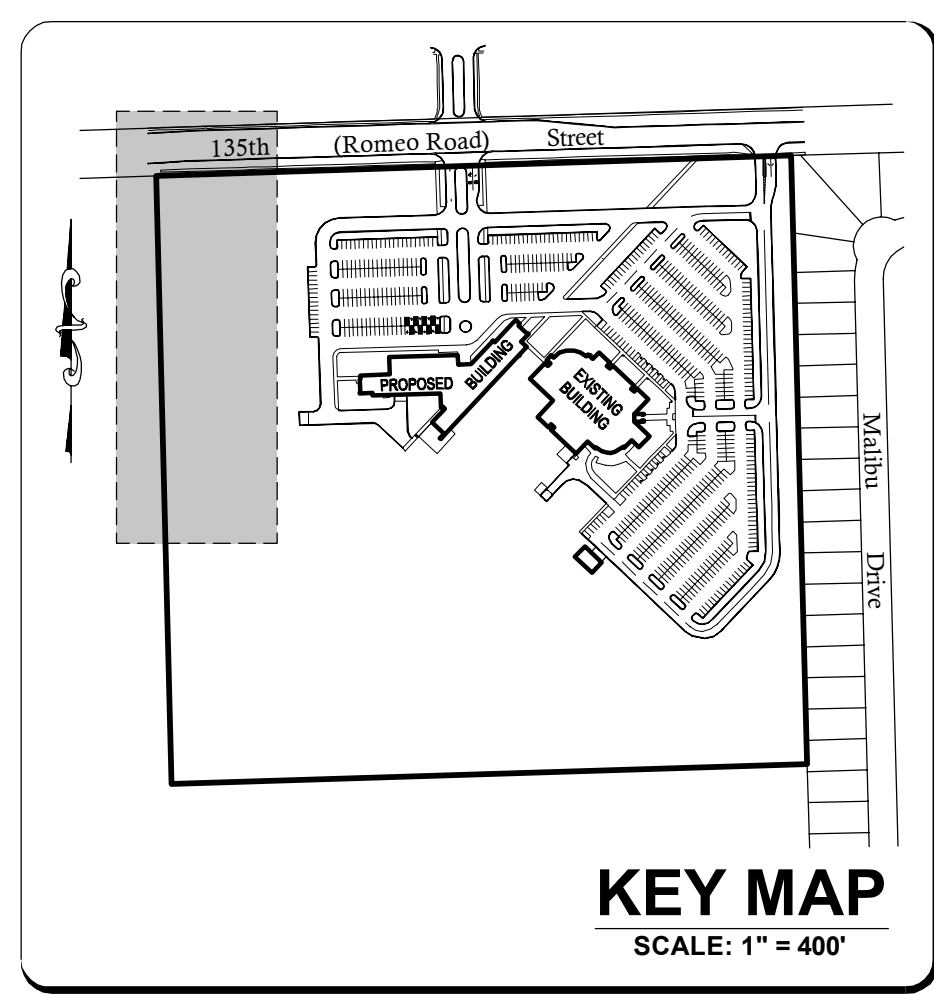




LEGEND

- XXXXXX EXISTING ELEVATION
- - - - - EXISTING CONTOUR
- EXISTING STORM INLET
- EXISTING STORM SEWER
- PROPOSED CONTOUR
- PROPOSED STORM SEWER
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED STORM INLET
- XXXXXX PROPOSED ELEVATION
- XXXXXX PROPOSED TOP OF CURB ELEVATION
- XXXXXX PROPOSED FLOW LINE ELEVATION
- DIRECTION OF OVERLAND FLOW
- F.F. FINISHED FLOOR
- T/C TOP OF CURB
- F.L. FLOW LINE
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- EXISTING PAVEMENT AREA
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 - 4.) CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANS FOR ADDITIONAL SITE AMENITIES.



WEST LINE, EAST 1/2,
NORTHWEST 1/4, SEC. 5-36-10

80' PARCEL CONVEYED TO
NATIONAL GAS PIPELINE CO.
OF AMERICA PER DOC. No.
766-16524

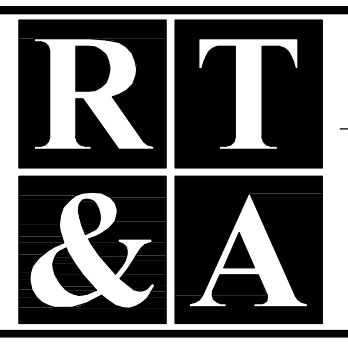
1317.09'
N.129°14' W

COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE
OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53.
ELEVATION = 628.89 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY
ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN.
ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS						
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.			

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



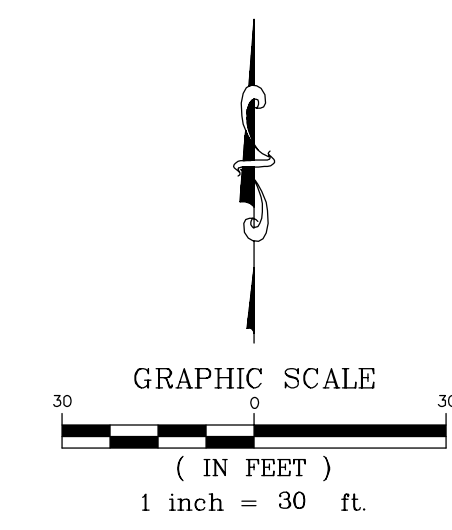
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PH. (815) 744-6600 FAX (815) 744-0101
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PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PROPOSED NORTHWEST
STORMWATER
MANAGEMENT AREA**

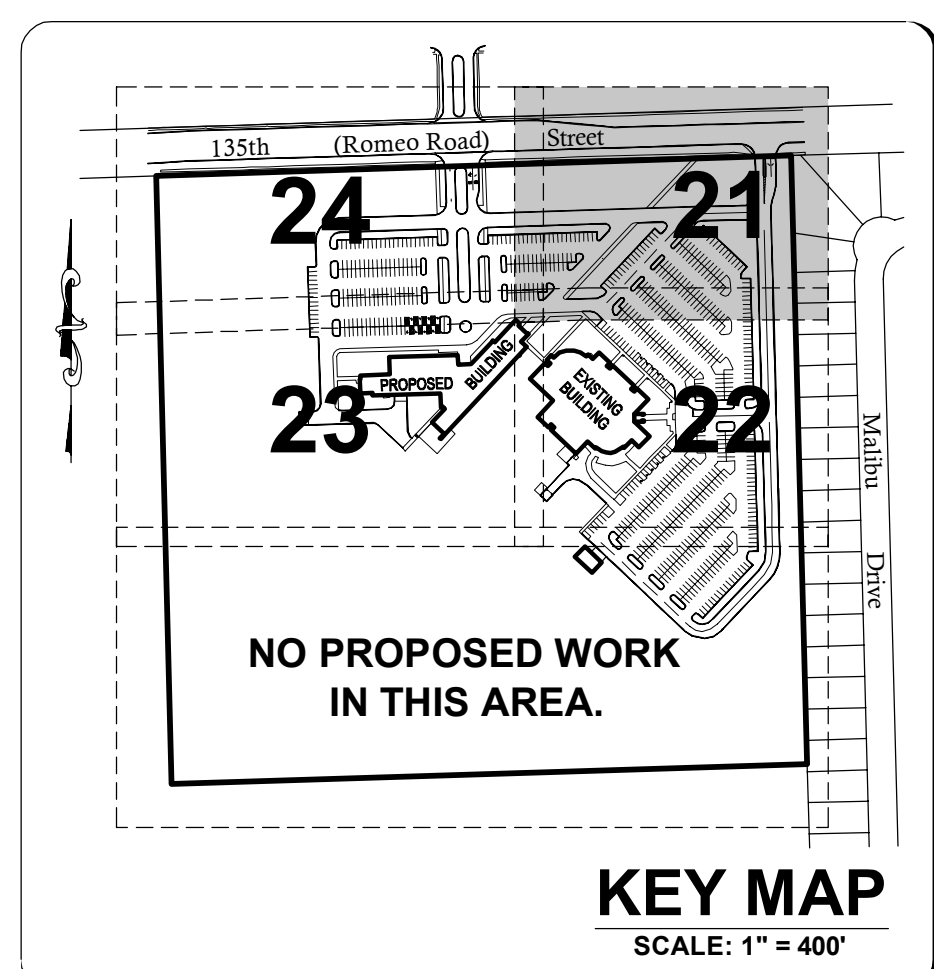
DRAWING No.
315-0053-C1
SCALE:
AS NOTED
**ENGINEERING DEPARTMENT
SHEET 20 OF 31**

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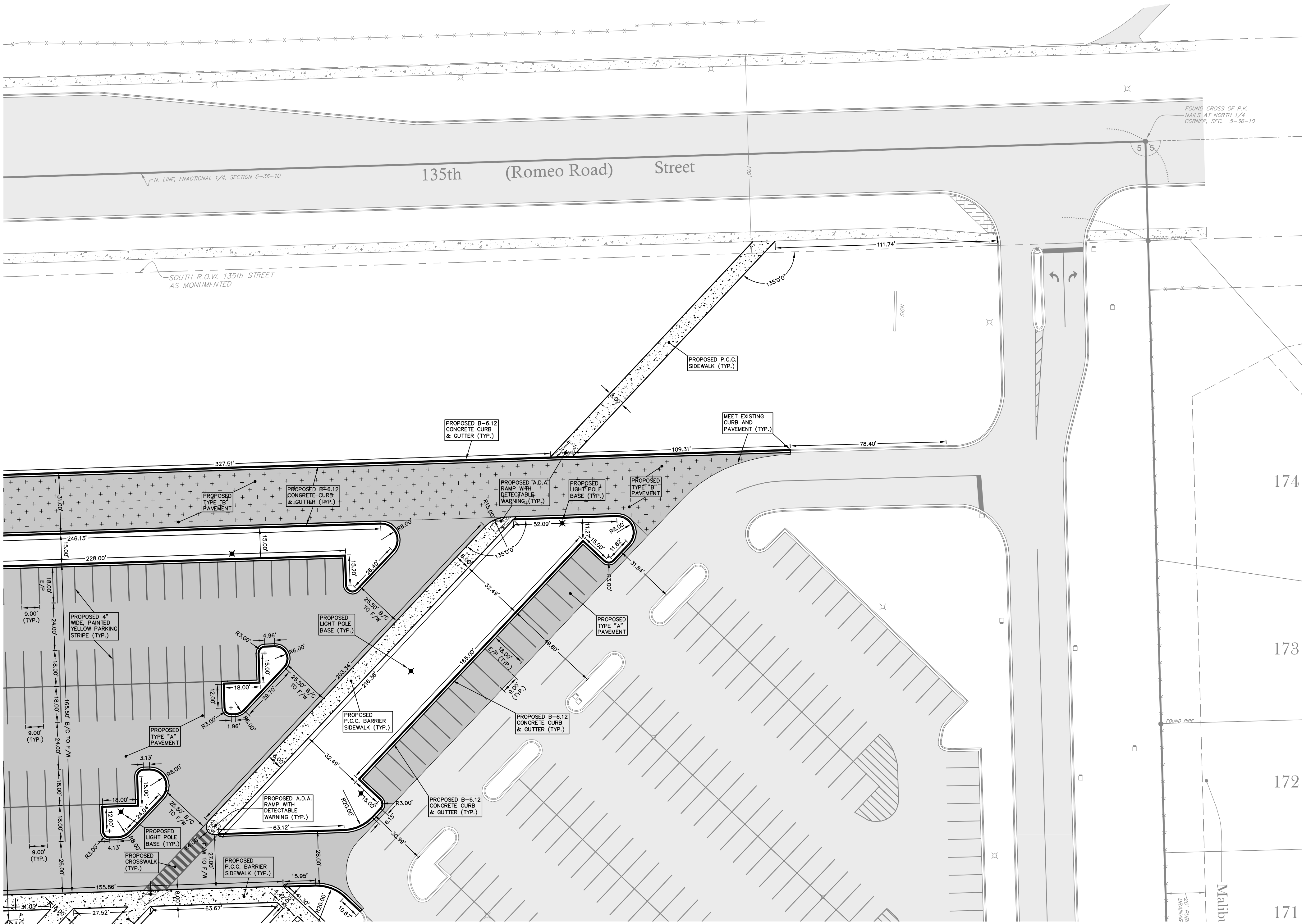


LEGEND	
	EXISTING CURB
	PROPOSED CURB
	EXISTING PAVEMENT AREA
	PROPOSED TYPE "A" PAVEMENT AREA (STANDARD DUTY)
	PROPOSED TYPE "B" PAVEMENT AREA (HEAVY DUTY)
	ARC DISTANCE
	BACK OF CURB DISTANCE
	FACE TO FACE OF CURB DISTANCE
	FACE OF WALK DISTANCE
	BACK TO BACK OF CURB DISTANCE
	EDGE TO EDGE OF PAVEMENT DISTANCE
	TO EDGE OF PAVEMENT DISTANCE
	PROPOSED SIGN
	PROPOSED LIGHT BASE

- GEOMETRIC PLAN NOTES**
- FOR THE FOLLOWING ITEMS, REFER TO THE LANDSCAPE PLANS:
 - FENCING AND GATES
 - CONCRETE SURFACE JOINTING DESIGN AND DETAILS
 - ALL ITEMS ON THESE PLANS NOTED "SEE LANDSCAPE PLANS"
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 - UNLESS OTHERWISE SPECIFIED, ALL ON-SITE CURB AND GUTTERS ARE B-6.12



SEE SHEET 24 FOR CONTINUATION



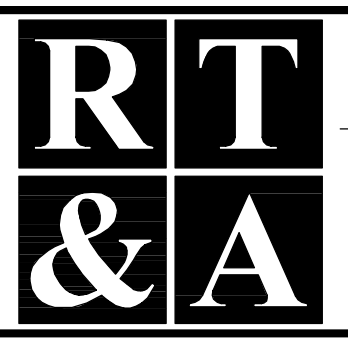
SEE SHEET 22 FOR CONTINUATION

COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.08 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BRONZE BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



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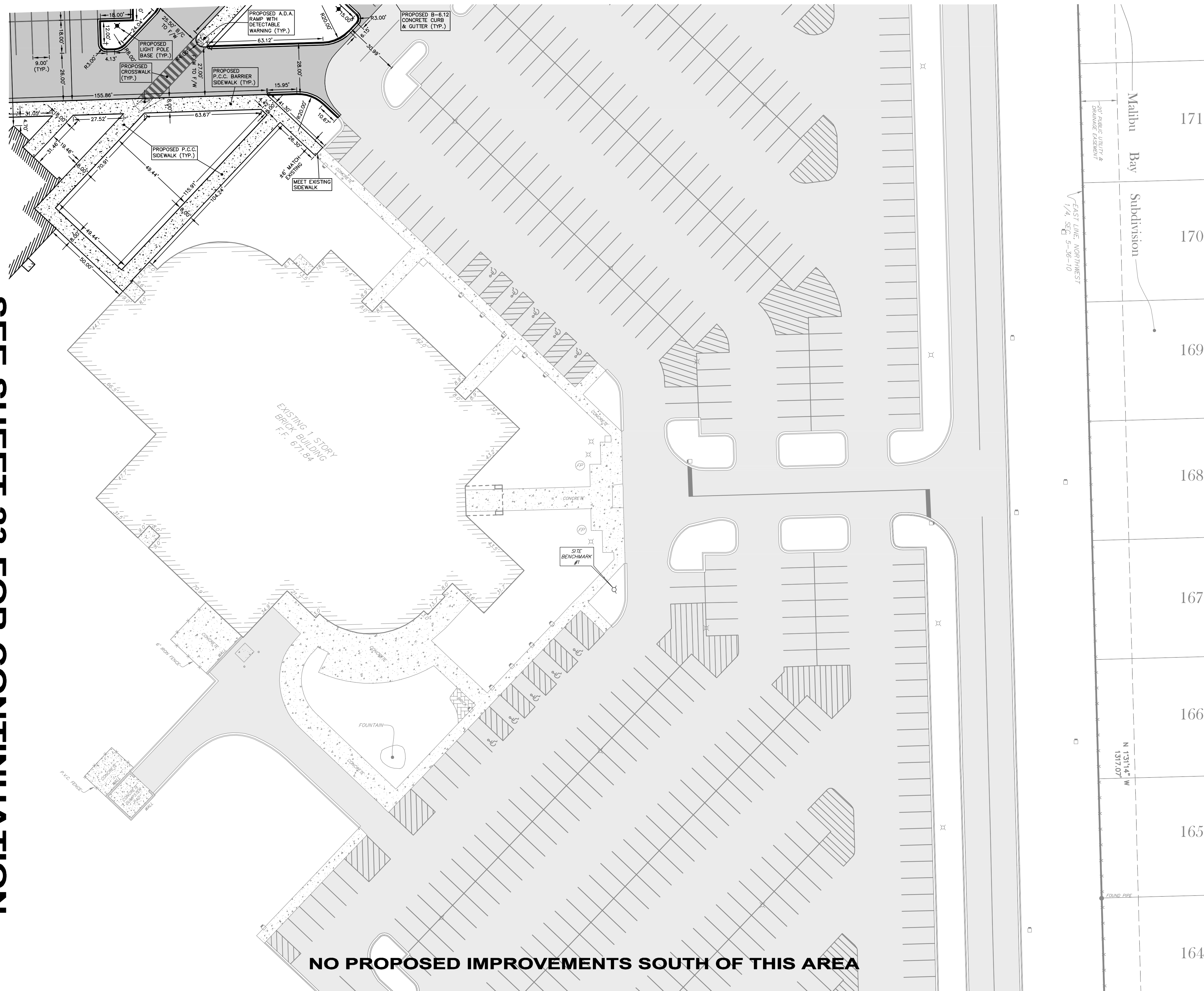
PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOWILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOWILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PROPOSED
SITE GEOMETRY PLAN
(1 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 21 OF 31

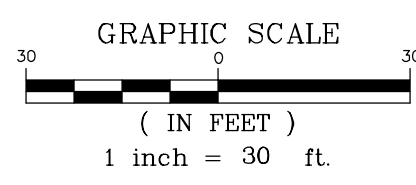
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SEE SHEET 21 FOR CONTINUATION



NO PROPOSED IMPROVEMENTS SOUTH OF THIS AREA

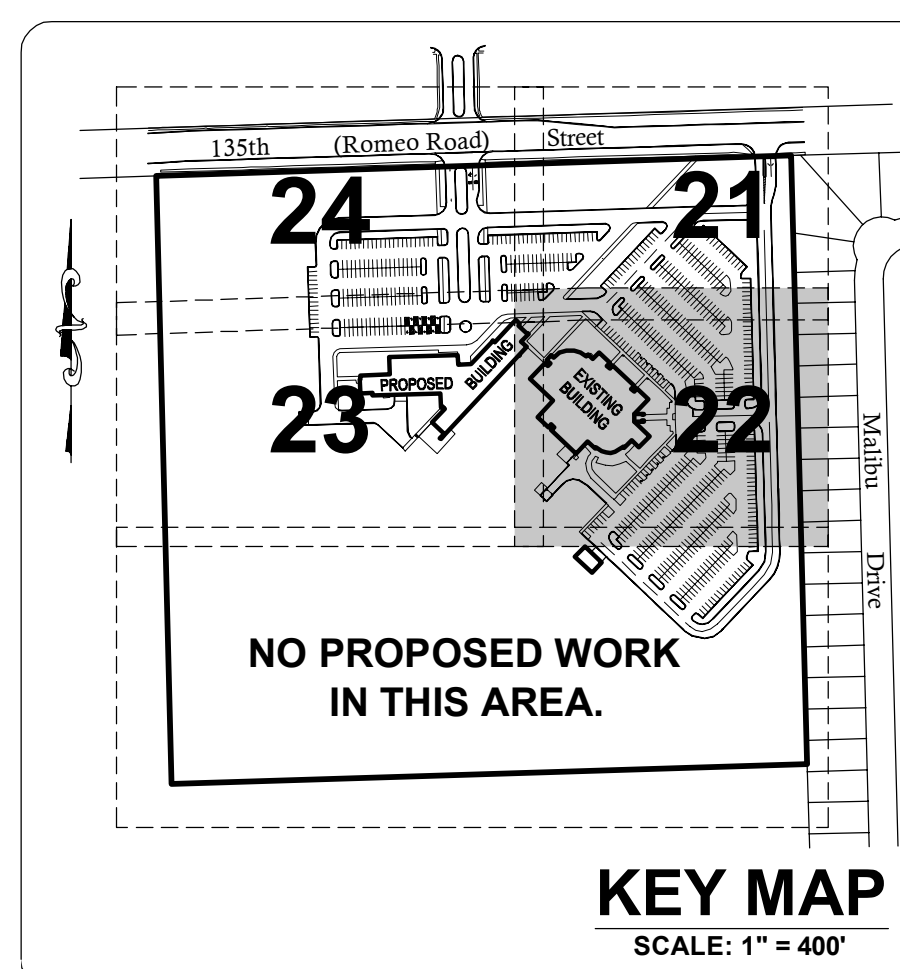
SEE SHEET 23 FOR CONTINUATION



LEGEND

	EXISTING CURB
	PROPOSED CURB
	EXISTING PAVEMENT AREA
	PROPOSED TYPE "A" PAVEMENT AREA (STANDARD DUTY)
	PROPOSED TYPE "B" PAVEMENT AREA (HEAVY DUTY)
	ARC DISTANCE
	BACK OF CURB DISTANCE
	FACE OF CURB DISTANCE
	FACE OF WALK DISTANCE
	BACK TO BACK OF CURB DISTANCE
	EDGE TO EDGE OF PAVEMENT DISTANCE
	TO EDGE OF PAVEMENT DISTANCE
	PROPOSED SIGN
	PROPOSED LIGHT BASE

- GEOMETRIC PLAN NOTES**
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 - CONCRETE SURFACE JOINTING DESIGN AND DETAILS
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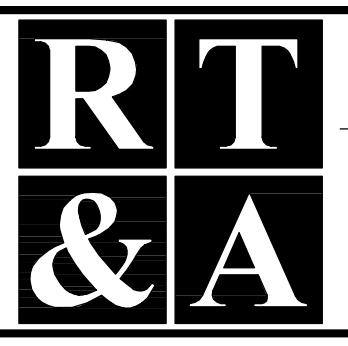
COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 626.89 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
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REVISIONS

No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



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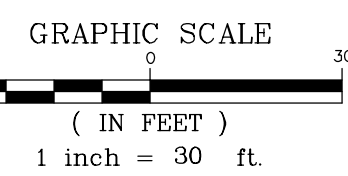
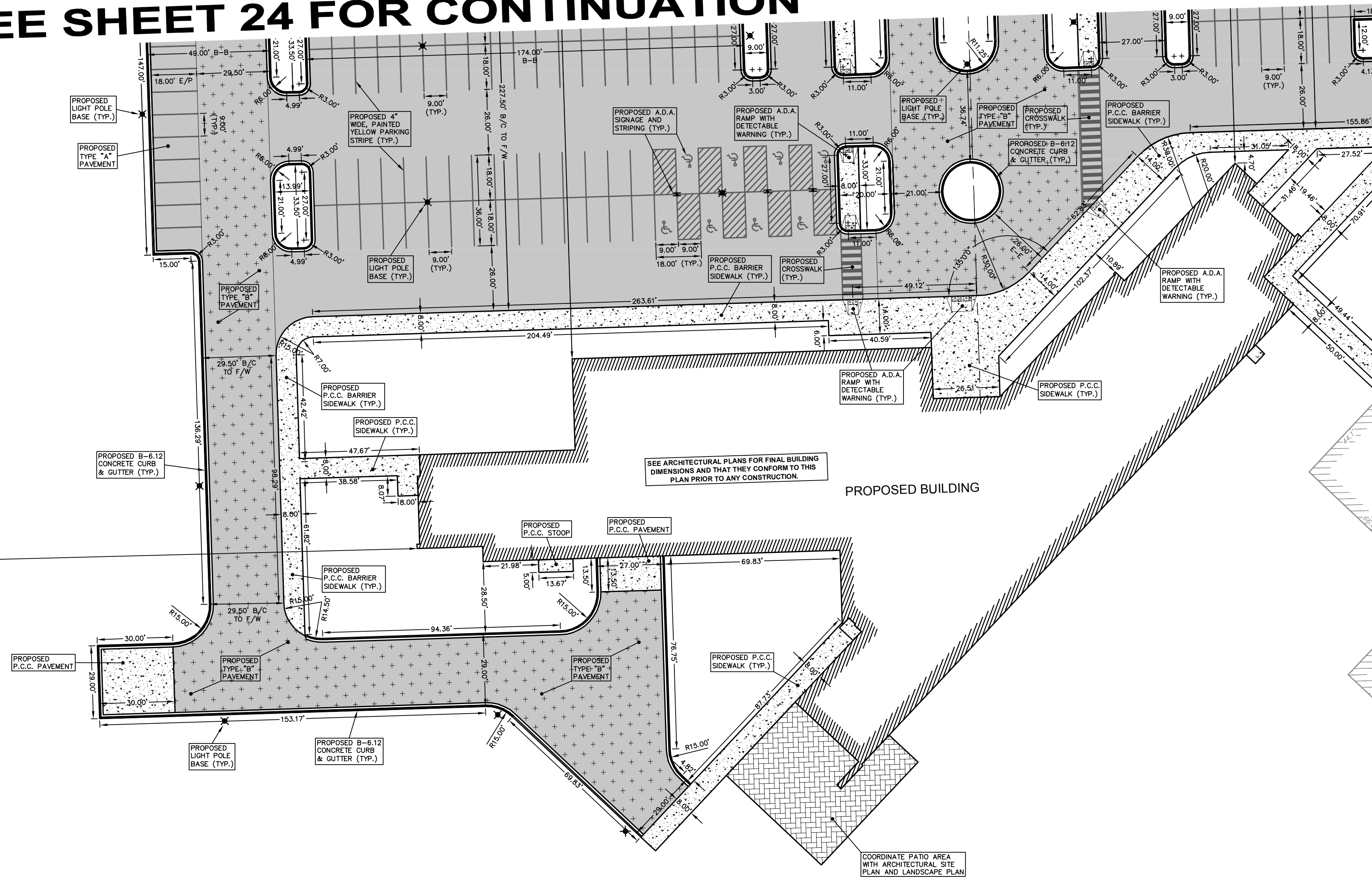
PROJECT TITLE:
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ROMEOWILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOWILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PROPOSED
SITE GEOMETRY PLAN
(2 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 22 OF 31

N:\Tech\2015\0053\Engineering\Plan_Site\CT - JJC Romeo Expansion\Sheet 22 - Geometry Plan 02.dwg, Layout1, 6/30/2015, 3:44:18 PM, rpedraza

SEE SHEET 24 FOR CONTINUATION



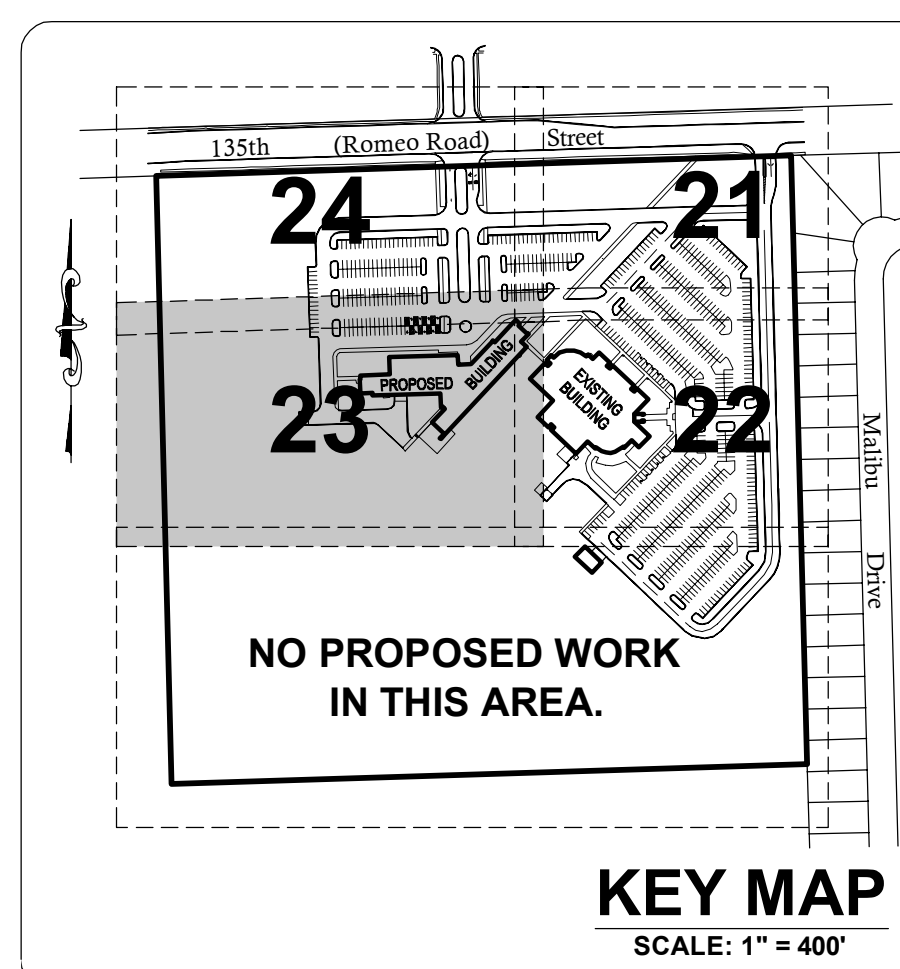
LEGEND

- EXISTING CURB
- PROPOSED CURB
- EXISTING PAVEMENT AREA
- ▨ PROPOSED TYPE "A" PAVEMENT AREA (STANDARD DUTY)
- ▩ PROPOSED TYPE "B" PAVEMENT AREA (HEAVY DUTY)
- ⌒ ARC DISTANCE
- XXX' B/C BACK OF CURB DISTANCE
- XXX' F-F FACE OF FACE OF CURB DISTANCE
- XXX' F/W FACE OF WALK DISTANCE
- XXX' B-B BACK TO BACK OF CURB DISTANCE
- XXX' E-E EDGE TO EDGE OF PAVEMENT DISTANCE
- XXX' E/P TO EDGE OF PAVEMENT DISTANCE
- ⊕ PROPOSED SIGN
- ⊙ PROPOSED LIGHT BASE

SEE SHEET 22 FOR CONTINUATION

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NO PROPOSED GEOMETRY SOUTH OF THIS AREA.



COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.98 (NAVD 88) FIELD VERIFY BENCHMARK.

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BURNET BOLT OF THE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS

No.	DATE	DESCRIPTION	BY
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DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



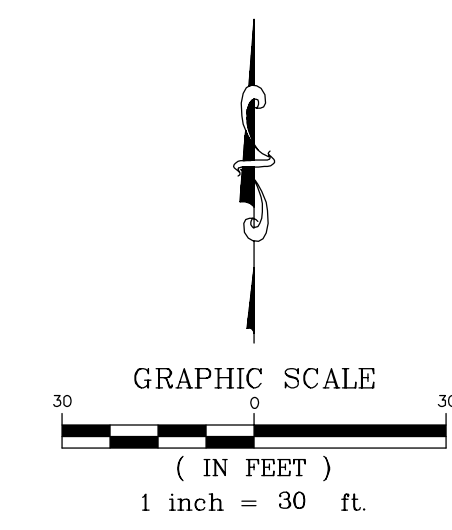
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DRAWING TITLE:
BID PACKAGE 1
PROPOSED
SITE GEOMETRY PLAN
(3 OF 4)

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 23 OF 31

N:\Tech\2015\0053\Engineering\Plan_Site\CT - JJC Romeo Expansion\Sheet 23 - Geometry Plan 03.dwg, Layout 1, 6/30/2015, 3:44:39 PM, rpedraza



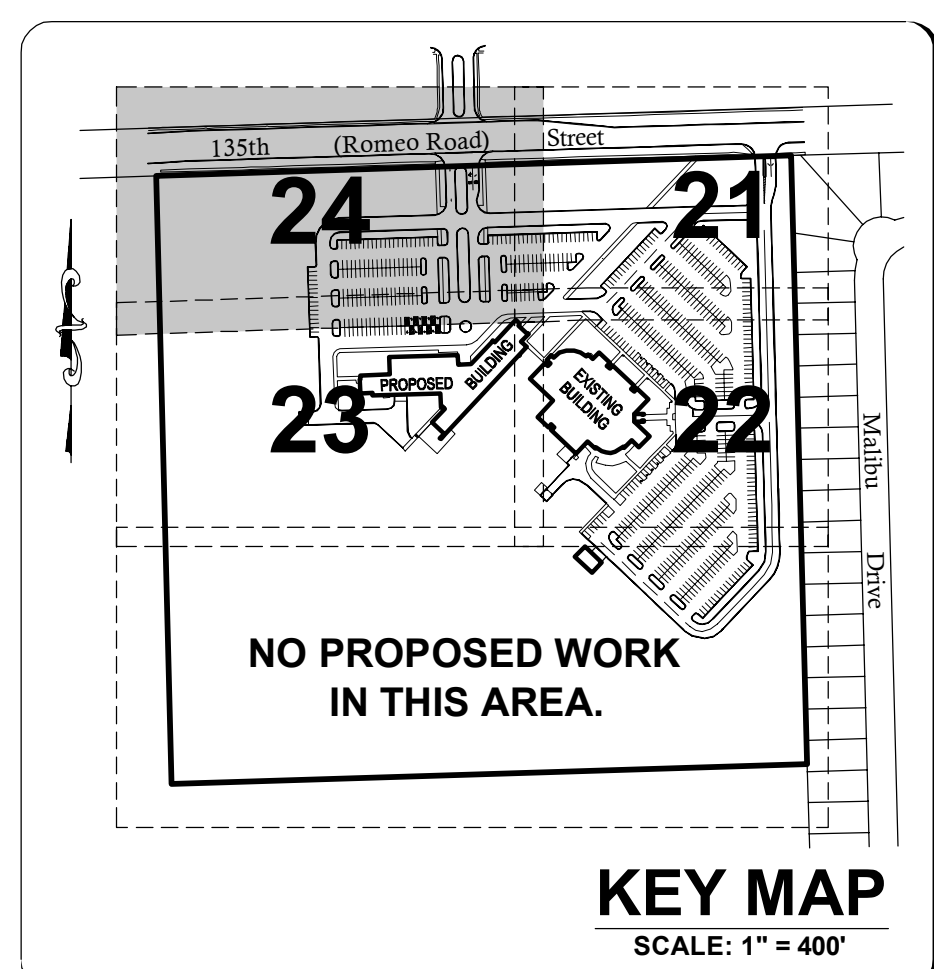
LEGEND

	EXISTING CURB
	PROPOSED CURB
	EXISTING PAVEMENT AREA
	PROPOSED TYPE "A" PAVEMENT AREA (STANDARD DUTY)
	PROPOSED TYPE "B" PAVEMENT AREA (HEAVY DUTY)
	ARC DISTANCE
	BACK OF CURB DISTANCE
	FACE TO FACE OF CURB DISTANCE
	FACE OF WALK DISTANCE
	BACK TO BACK OF CURB DISTANCE
	EDGE TO EDGE OF PAVEMENT DISTANCE
	PROPOSED SIGN
	PROPOSED LIGHT BASE

- GEOMETRIC PLAN NOTES**
- FOR THE FOLLOWING ITEMS, REFER TO THE LANDSCAPE PLANS:
 - FENCING AND GATES
 - CONCRETE SURFACE JOINTING DESIGN AND DETAILS
 - ALL ITEMS ON THESE PLANS NOTED "SEE LANDSCAPE PLANS"
 - ALL PARKING STALL, SAFETY ISLAND, NO PARKING AREAS AND CROSSWALK STRIPING SHALL BE 4 INCH WIDE STANDARD I.D.O.T. YELLOW. DIAGONAL STRIPING SHALL BE 2 FT. ON CENTER.
 - ALL SIGNS SHALL MEET THE REQUIREMENTS AND STANDARDS OF THE U.S. DEPT. OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, THE ILLINOIS ADMINISTRATIVE CODE, LATEST EDITION, AND ALL LOCAL ORDINANCES.
 - UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE SHOWN TO THE BACK OF THE CURBLINE WHERE APPLICABLE.
 - UNLESS OTHERWISE SPECIFIED, ALL ON-SITE CURB AND GUTTERS ARE 6"-6.12"

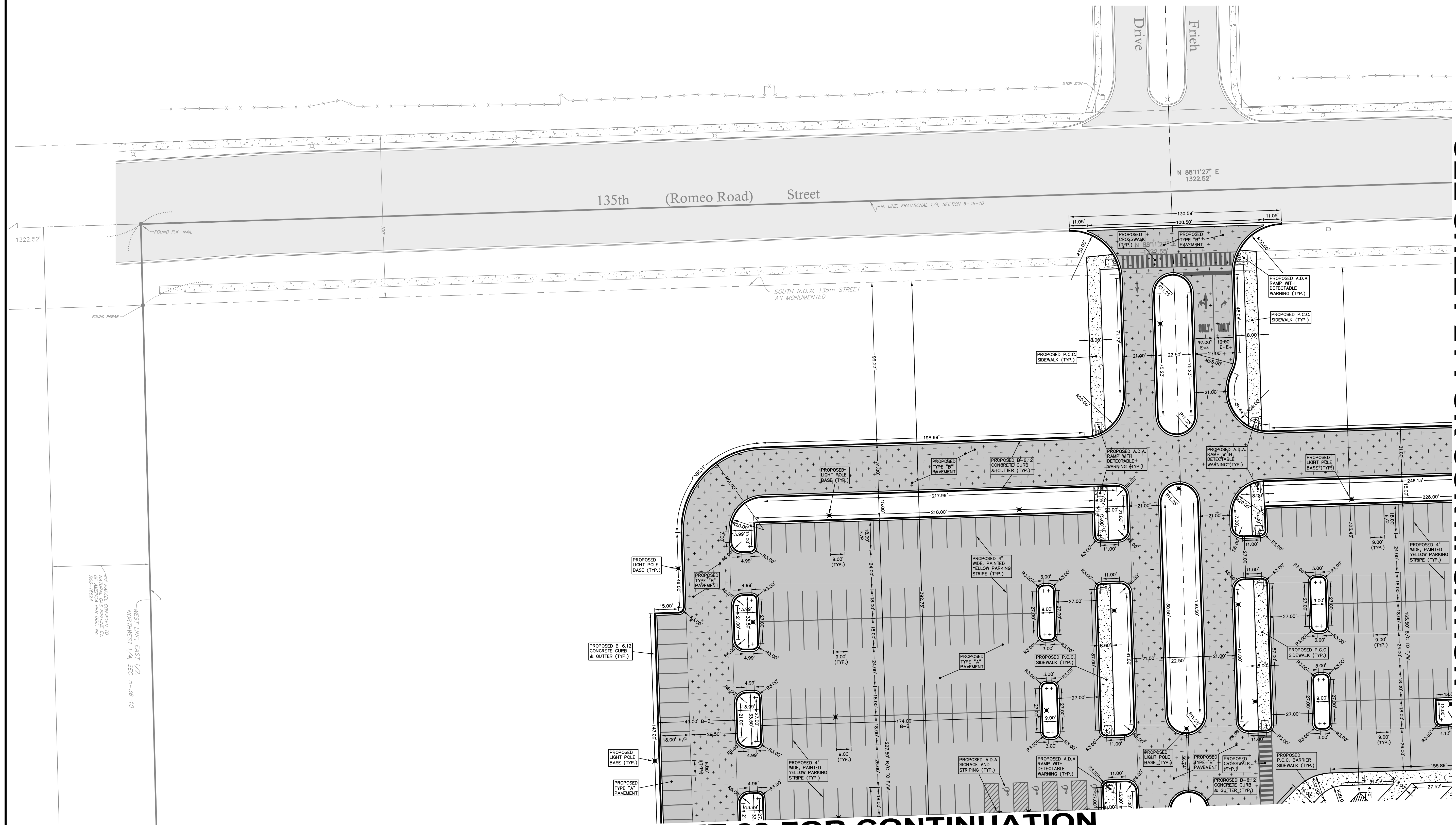
SEE SHEET 21 FOR CONTINUATION

SEE SHEET 23 FOR CONTINUATION



COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.08 (NAVD 88) FIELD VERIFY BENCHMARK.

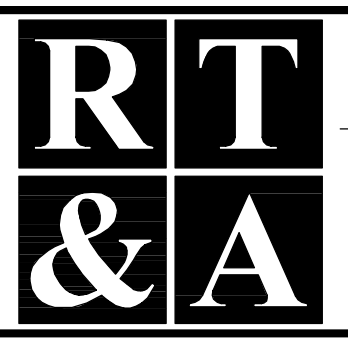
SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.



REVISIONS

No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



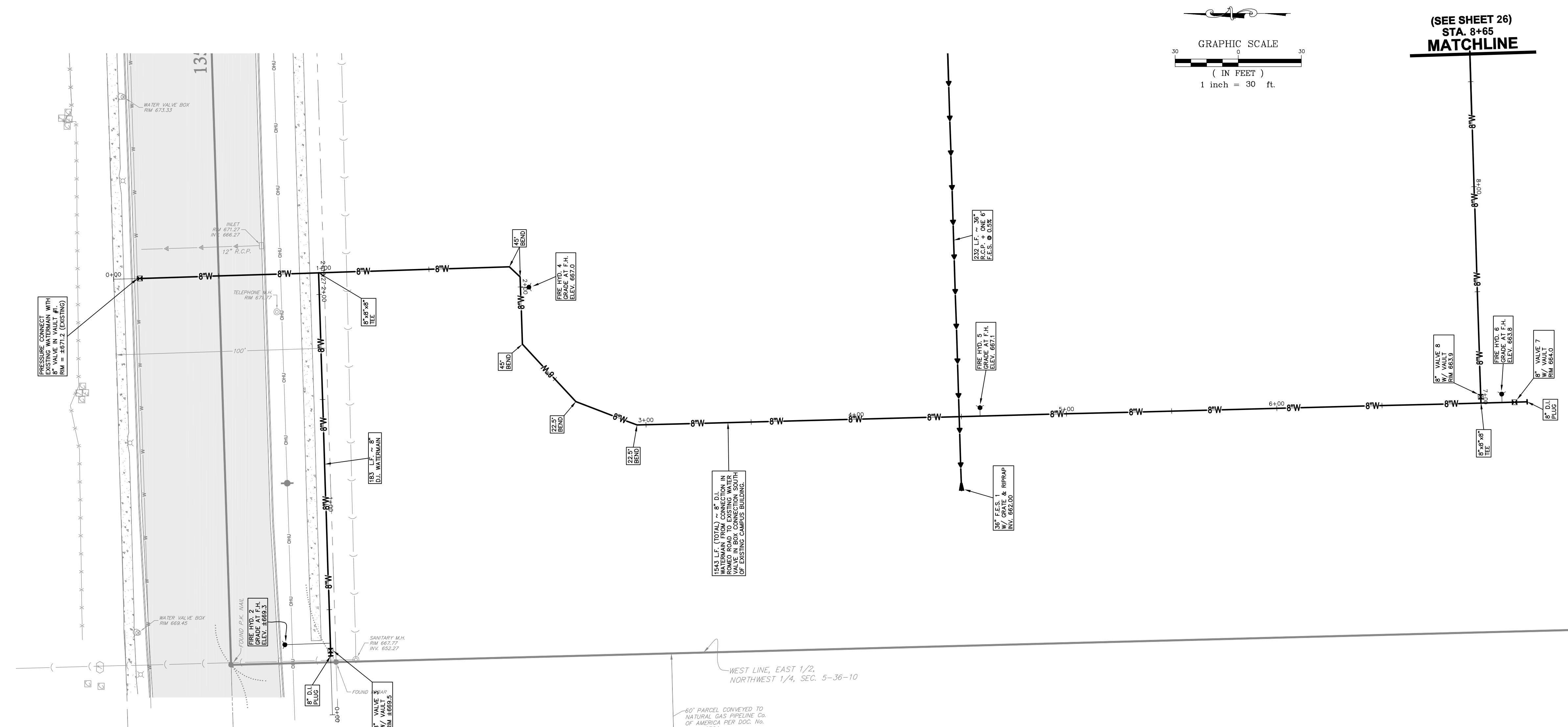
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129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettingertonelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

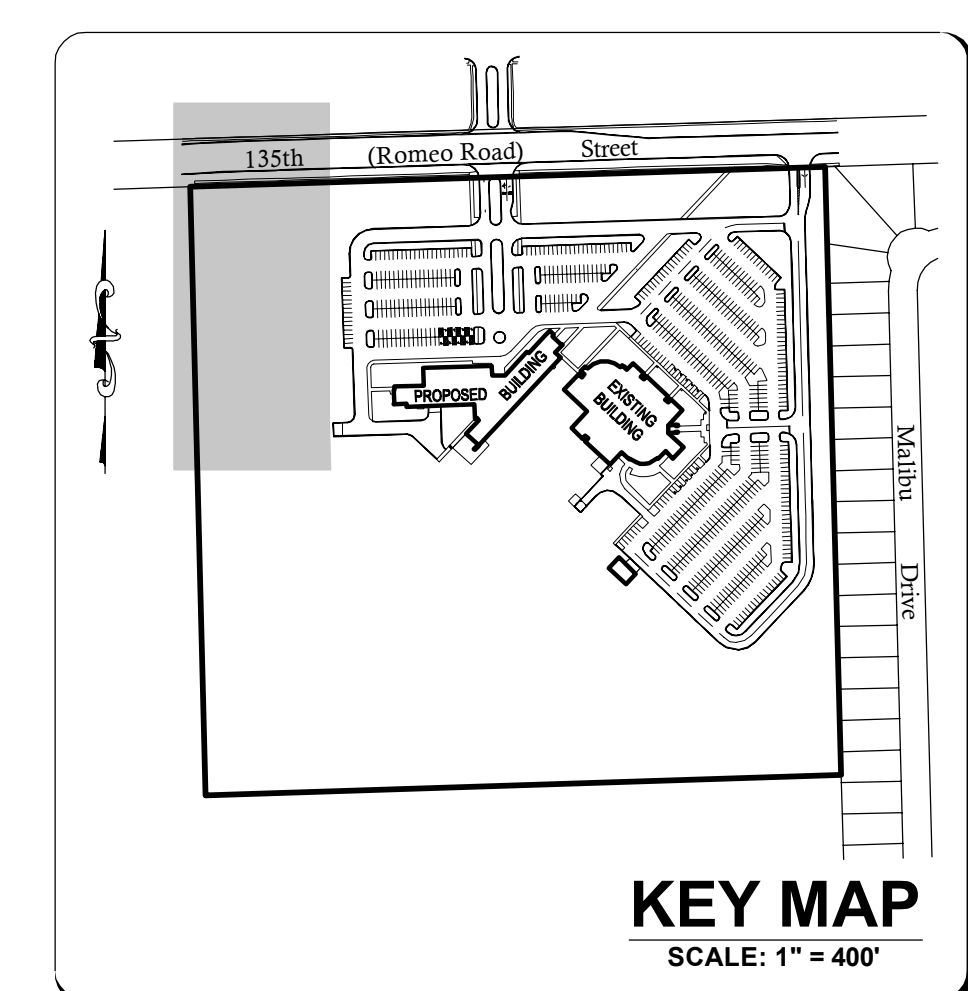
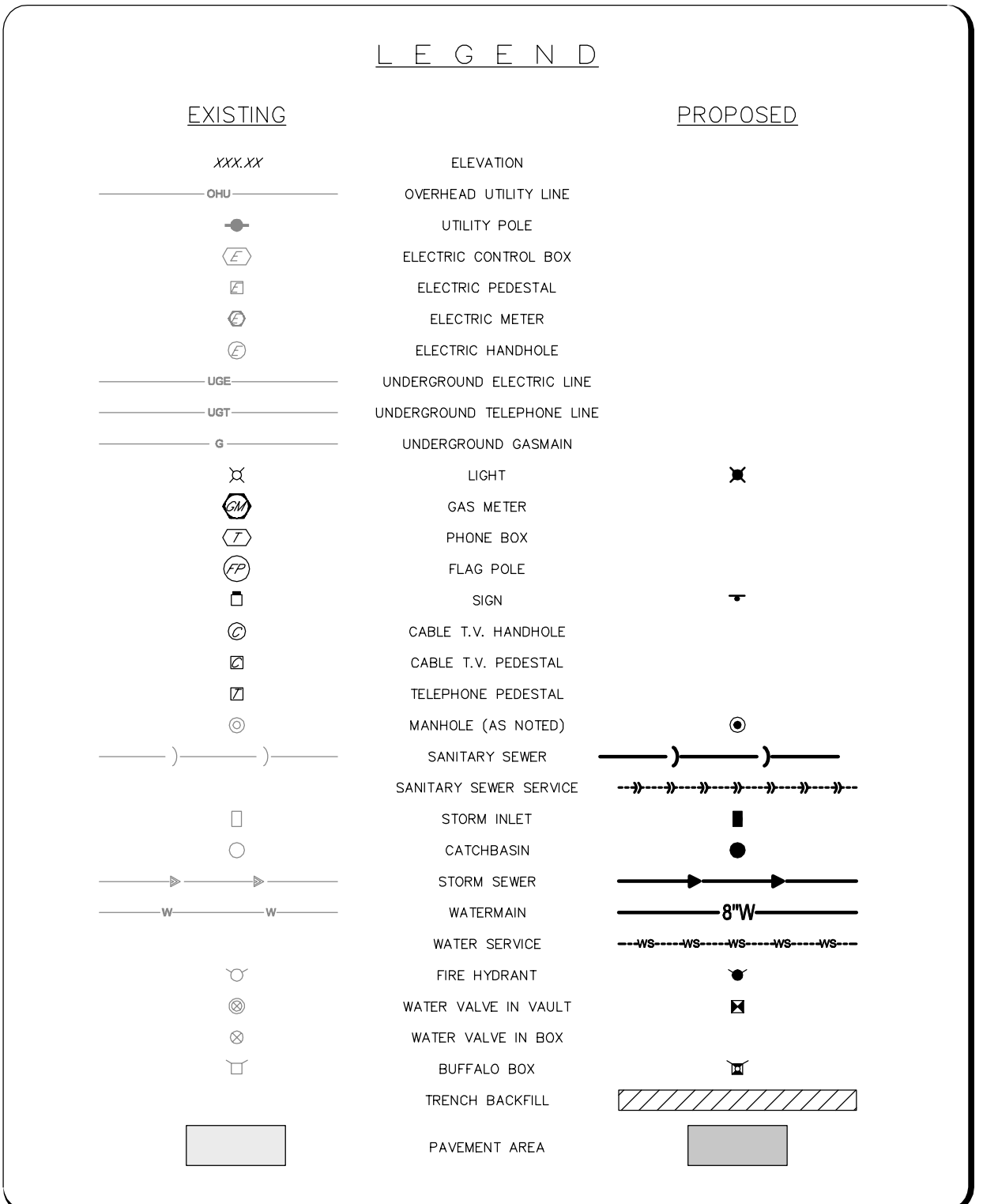
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**BID PACKAGE 1
PROPOSED
SITE GEOMETRY PLAN
(4 OF 4)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
**ENGINEERING DEPARTMENT
SHEET 24 OF 31**

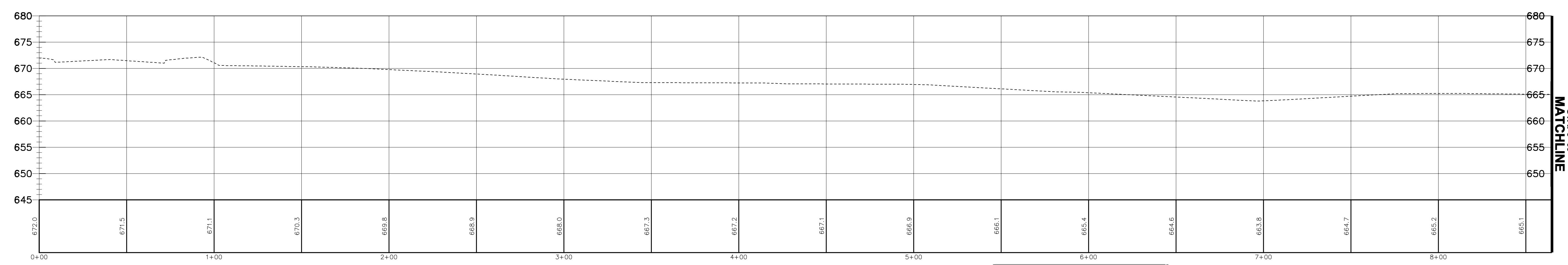
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PLAN OF PROPOSED WATERMAIN EXTENSION
SCALE: 1" = 30'



PROFILE OF PROPOSED WATERMAIN EXTENSION
SCALE: HORIZONTAL 1" = 30'
VERTICAL 1" = 10'



COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE
OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53.
ELEVATION = 626.88 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY
ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN.
ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.

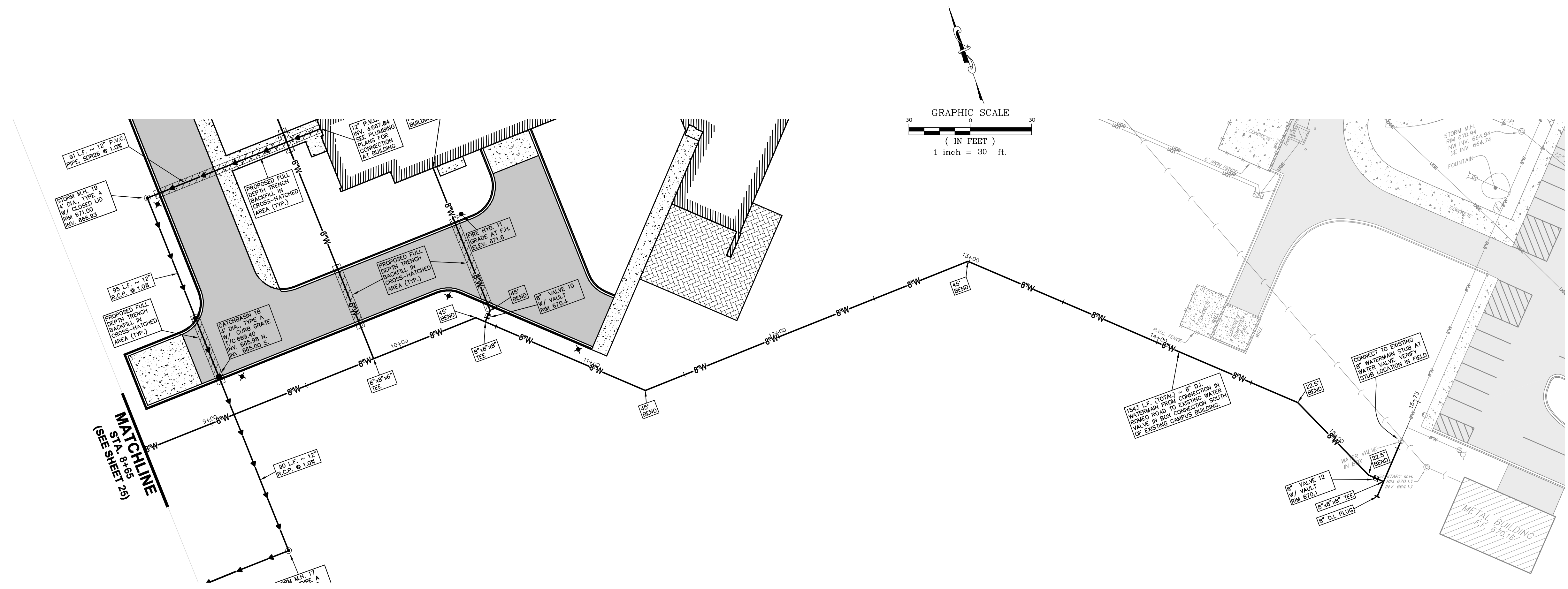
RT & A
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Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettingertonelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

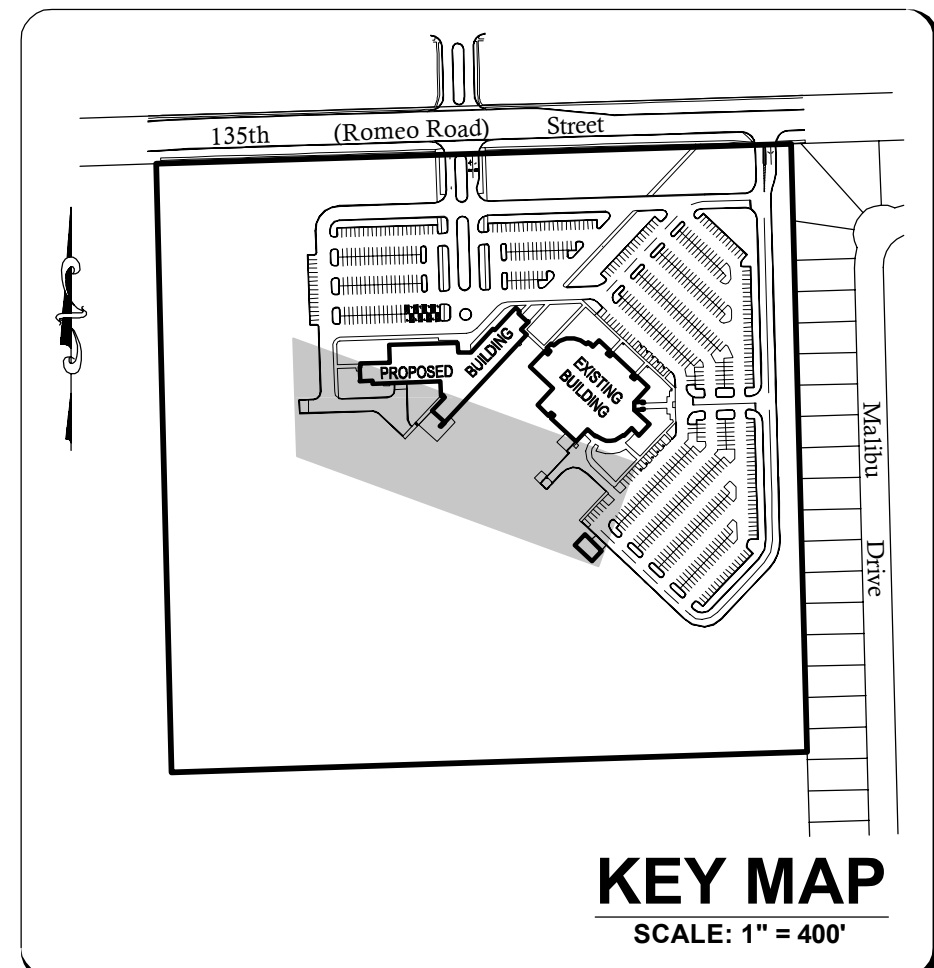
DRAWING TITLE:
**BID PACKAGE 1
PLAN AND PROFILE OF
WATERMAIN EXTENSION
(1 OF 2)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 25 OF 31

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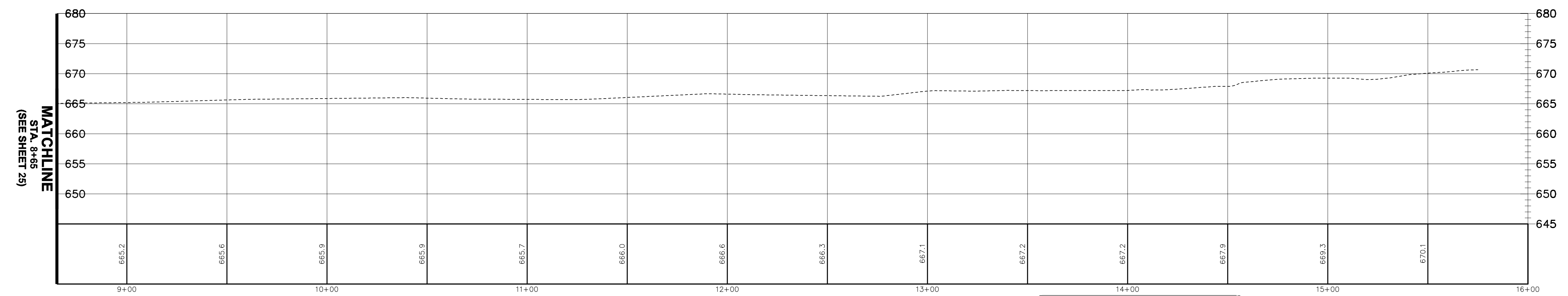


LEGEND	
EXISTING	PROPOSED
XXX.XX	ELEVATION
OHU	OVERHEAD UTILITY LINE
UP	UTILITY POLE
ECB	ELECTRIC CONTROL BOX
EP	ELECTRIC PEDESTAL
EM	ELECTRIC METER
EH	ELECTRIC HANDHOLE
UEL	UNDERGROUND ELECTRIC LINE
ULT	UNDERGROUND TELEPHONE LINE
G	UNDERGROUND GASMAIN
L	LIGHT
GM	GAS METER
PB	PHONE BOX
FP	FLAG POLE
S	SIGN
CTH	CABLE T.V. HANDHOLE
CTV	CABLE T.V. PEDESTAL
TEP	TELEPHONE PEDESTAL
MH	MANHOLE (AS NOTED)
SS	SANITARY SEWER
SSS	SANITARY SEWER SERVICE
SI	STORM INLET
CB	CATCHBASIN
SSW	STORM SEWER
WM	WATERMAIN
WS	WATER SERVICE
FD	FIRE HYDRANT
WV	WATER VALVE IN VAULT
WVB	WATER VALVE IN BOX
FB	BUFFALO BOX
TB	TRENCH BACKFILL
PA	PAVEMENT AREA



PLAN OF PROPOSED WATERMAIN EXTENSION
SCALE: 1" = 30'

PROFILE OF PROPOSED WATERMAIN EXTENSION
SCALE: HORIZONTAL 1" = 30'
VERTICAL 1" = 10'

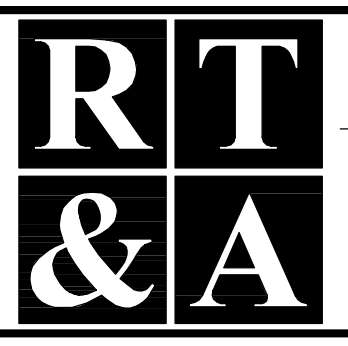


COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 626.38 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



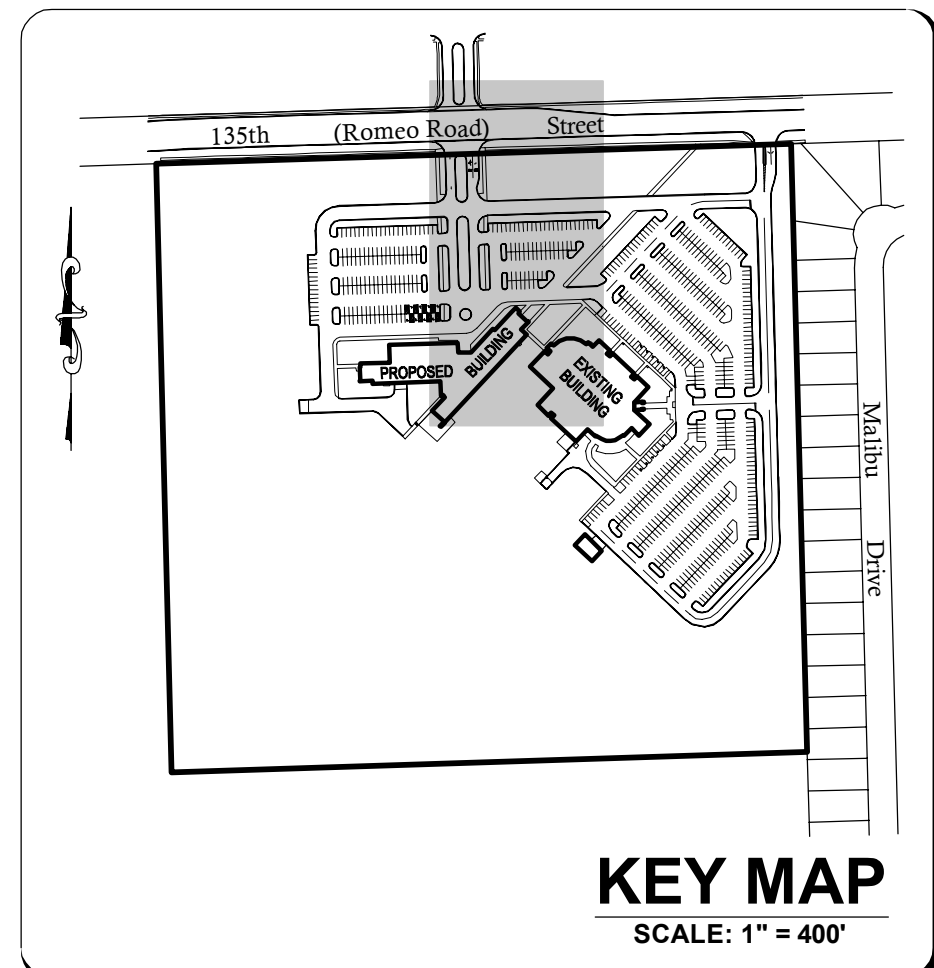
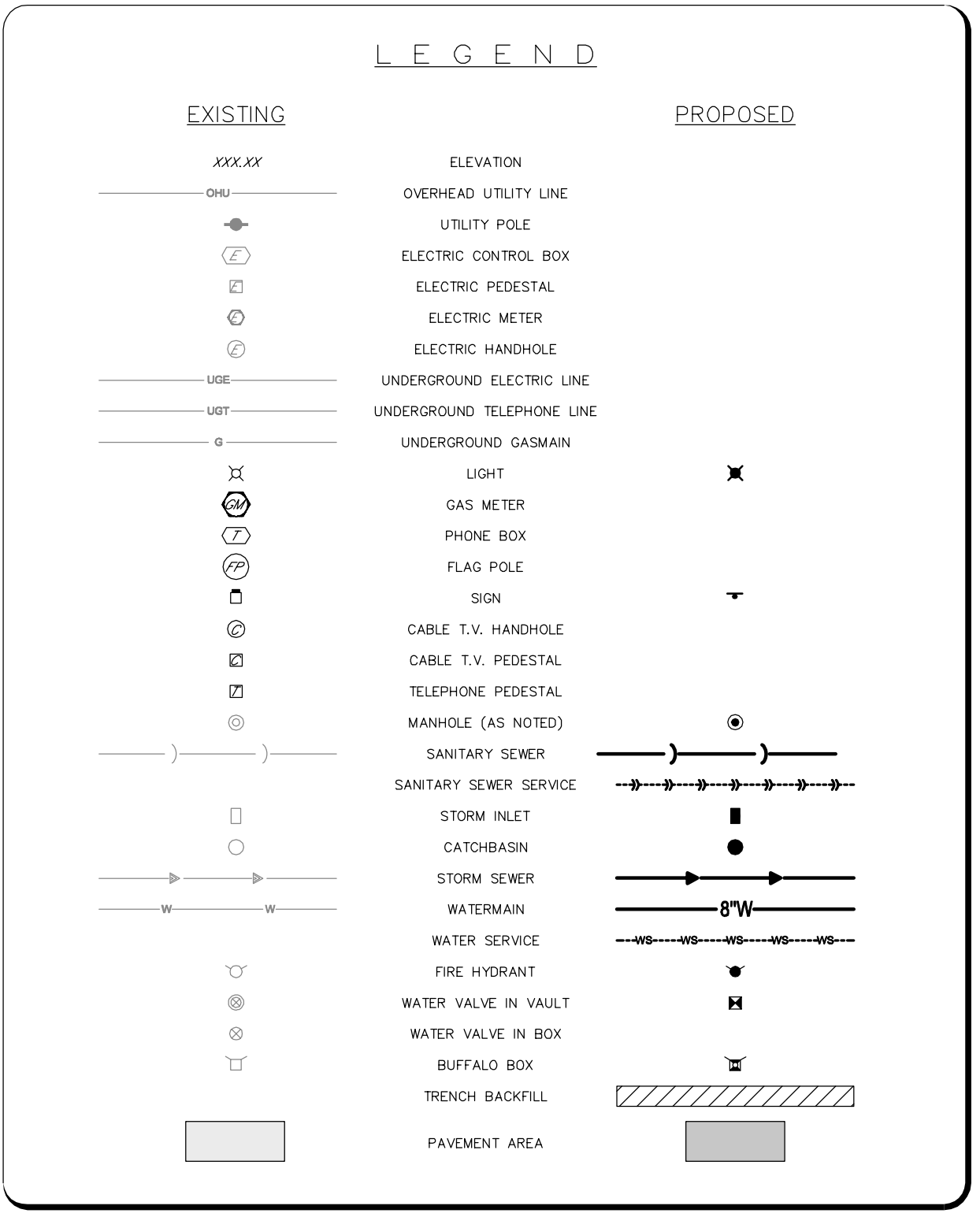
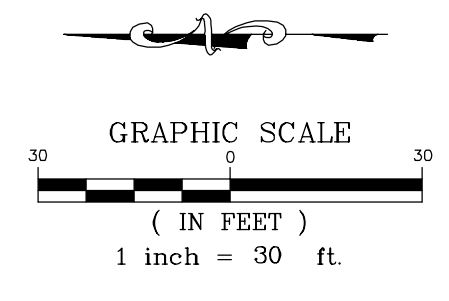
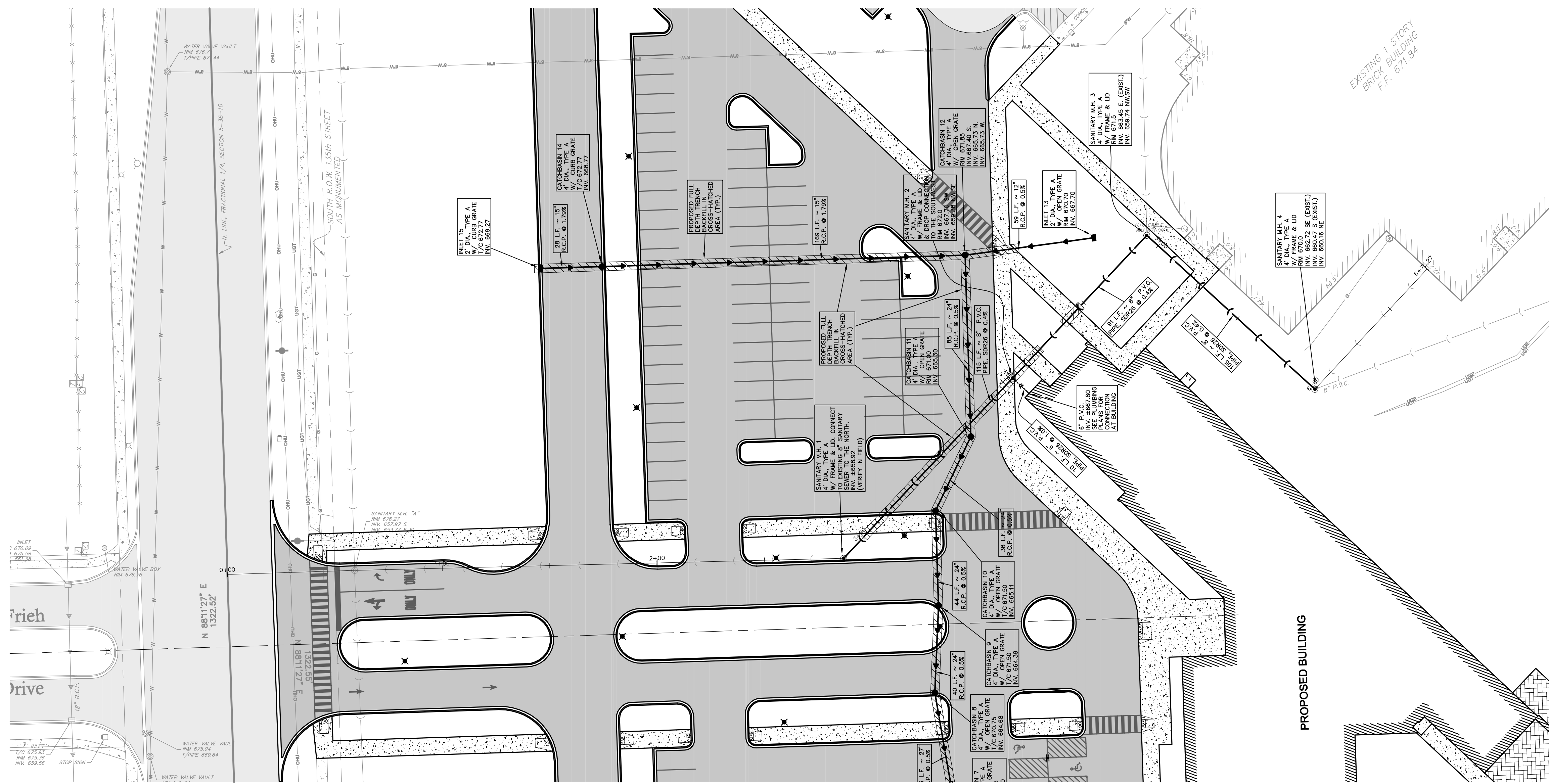
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website: www.ruettigertonnelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PLAN AND PROFILE OF
WATERMAIN EXTENSION
(2 OF 2)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 26 OF 31

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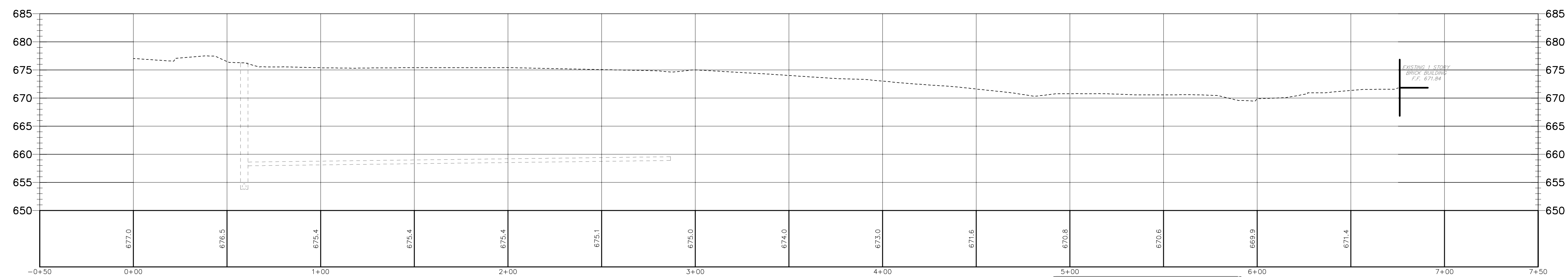


PLAN OF PROPOSED SANITARY SEWER EXTENSION

SCALE: 1" = 30'

PROFILE OF PROPOSED SANITARY SEWER EXTENSION

SCALE: HORIZONTAL 1" = 30'
VERTICAL 1" = 10'



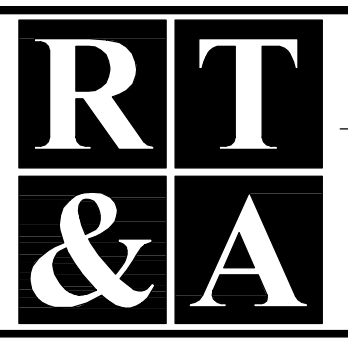
COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 626.58 (NAVD 88) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF FIRE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAVD 88) FIELD VERIFY BENCHMARK.

LEGEND
UTILITY CENTERLINE STATION

REVISIONS			
No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



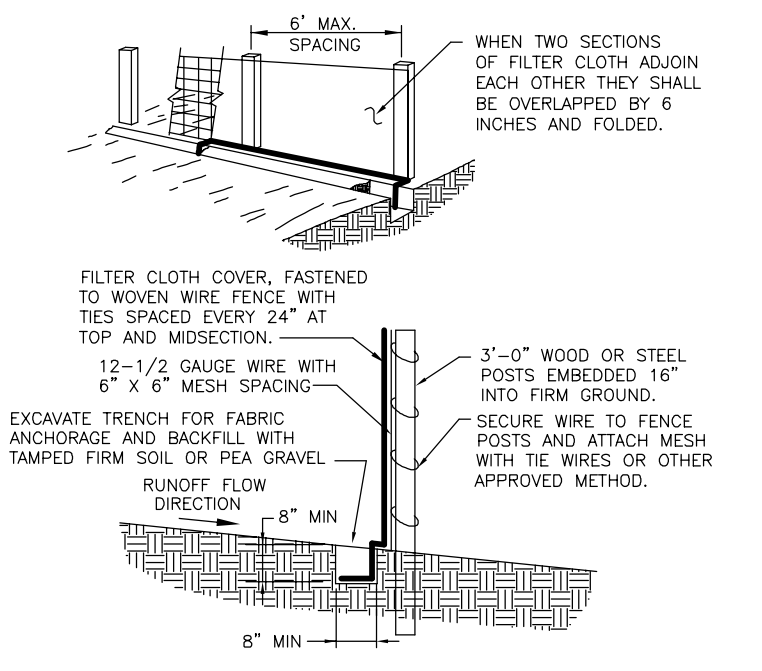
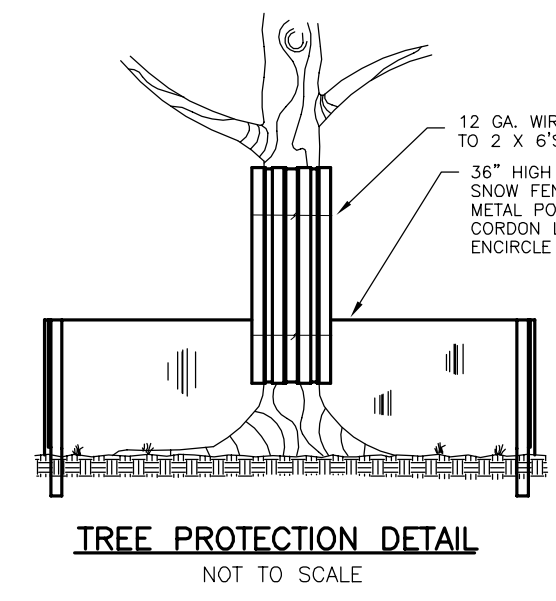
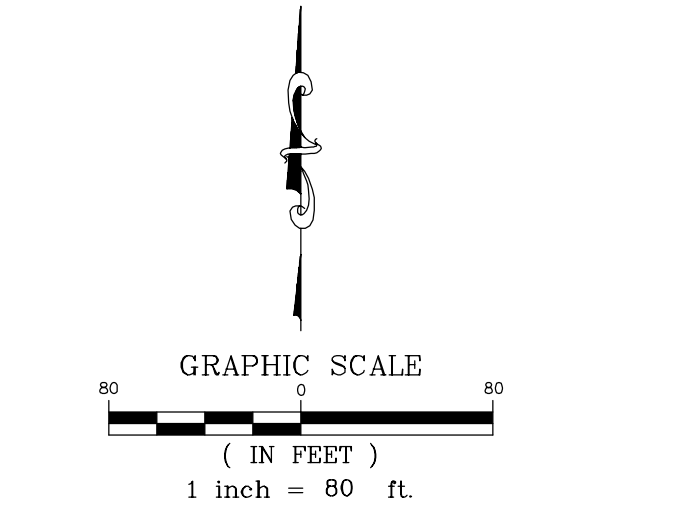
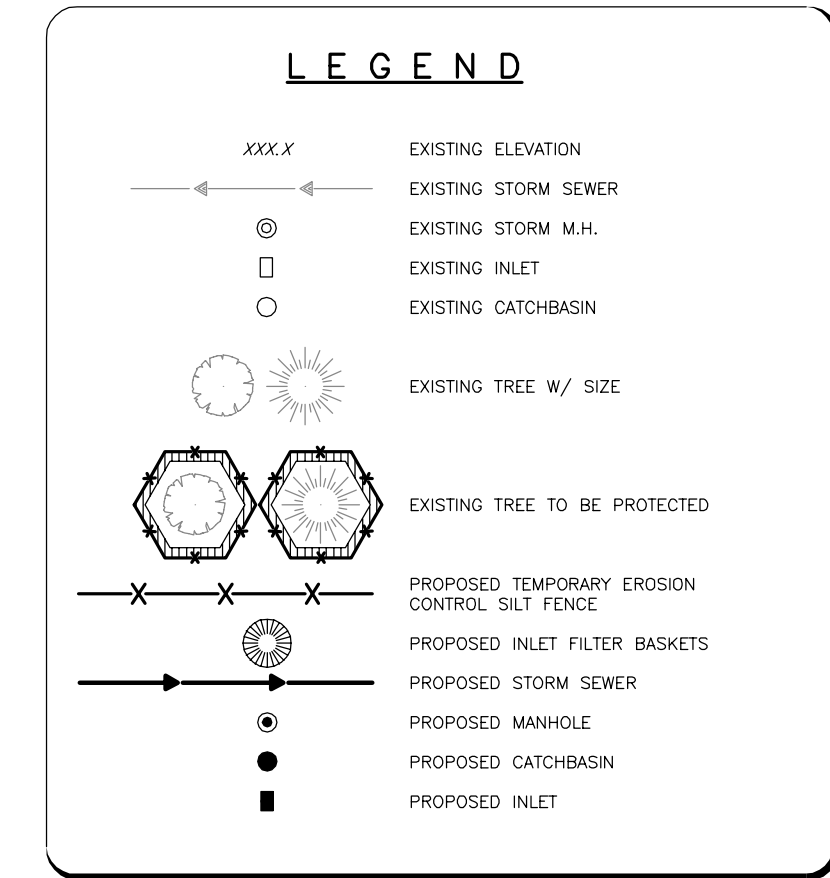
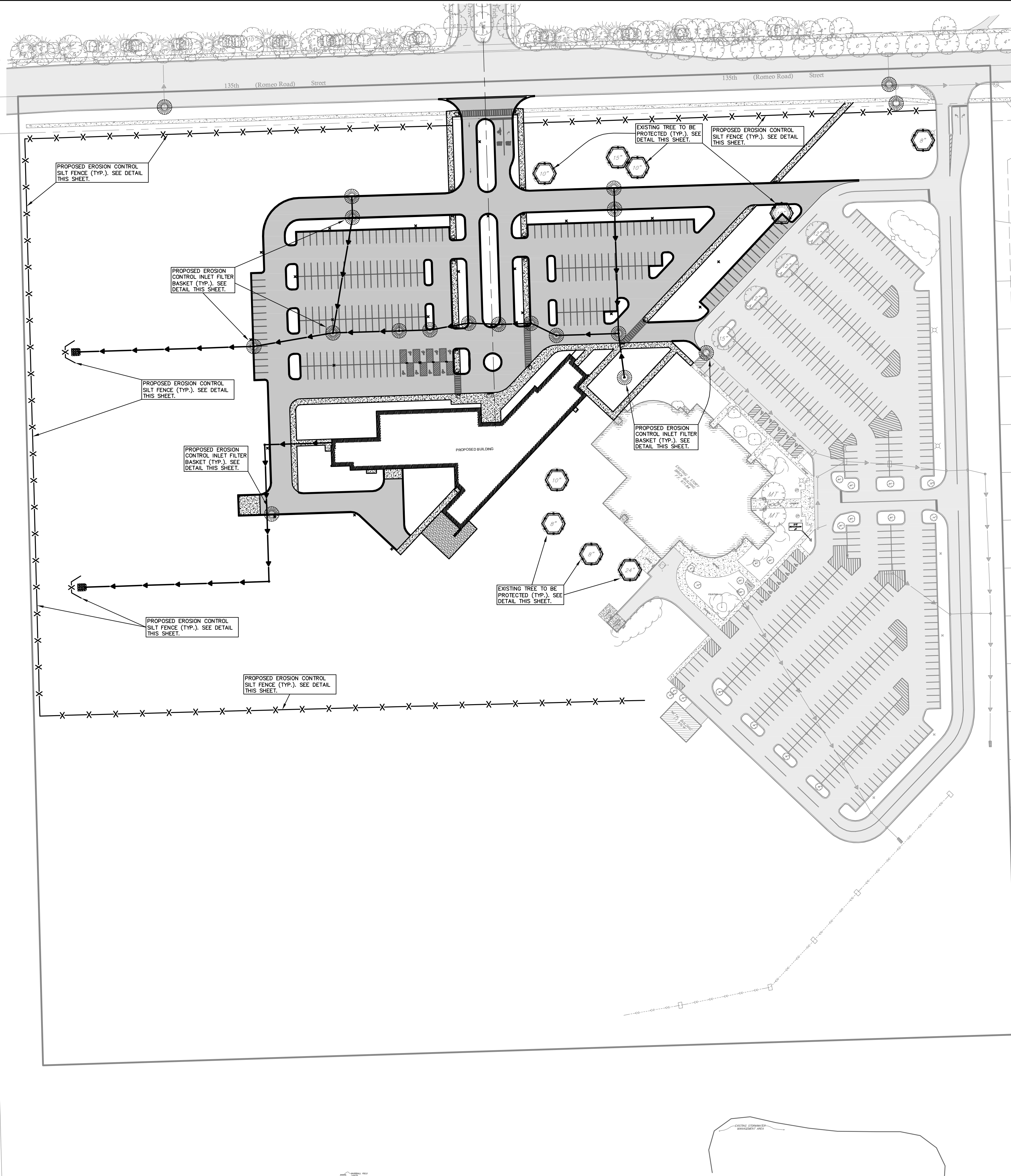
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ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
PLAN AND PROFILE OF
SANITARY SEWER EXTENSION**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
**ENGINEERING DEPARTMENT
SHEET 27 OF 31**

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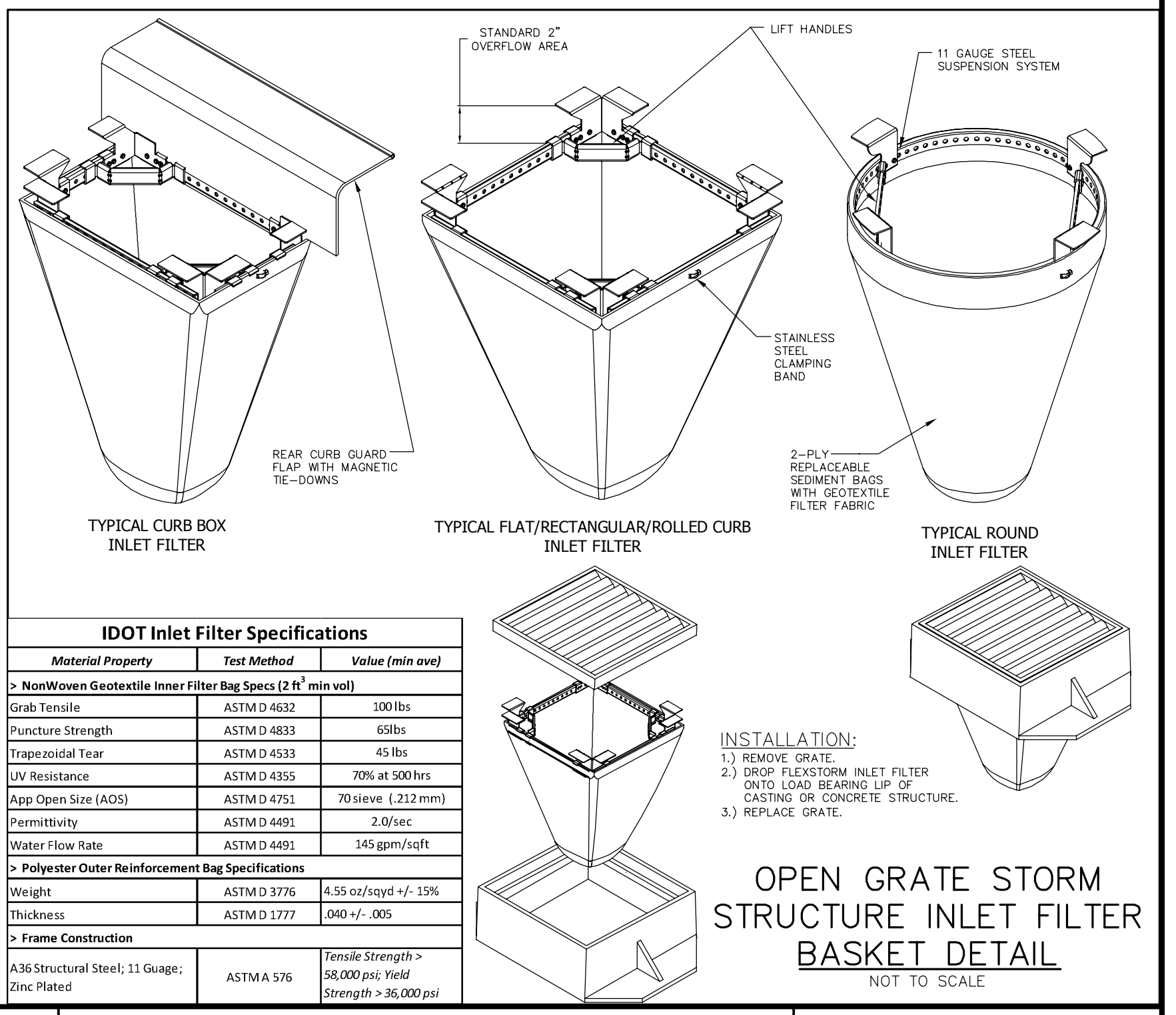


- #### NOTES FOR SILT FENCE
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL SHALL BE REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.
 - FILTER CLOTH SHALL BE FILTER #, MRAF# 100X, STABILUNKA T140N, OR EQUAL.
 - PREFABRICATED UNIT SHALL BE GEOFAB, ENVIROFENCE, OR EQUAL.

- ### EROSION CONTROL NOTES
- EROSION CONTROL TO BE APPLIED PER THE ILLINOIS PROCEDURES FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL, LATEST EDITION.
 - THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE CONTRACT TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT.
 - ALL STORM SEWER STRUCTURES WITH OPEN GRATES SHALL BE PROTECTED WITH INLET FILTER BASKETS.
 - DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN (7) SEVEN CALENDAR DAYS FOLLOWING THE END OF ACTIVE DISTURBANCE, RE-DISTURBANCE, CONSISTENT WITH THE FOLLOWING CRITERIA. APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION MEASURES SHALL INCLUDE SEEDING, MULCHING, SOODING AND / OR NON-VEGETATIVE MEASURES.
 - ALL EROSION CONTROL ITEMS REMAIN IN PLACE AND BE MAINTAINED UNTIL DEEMED UNNECESSARY BY THE OWNER / DEVELOPER AND THE VILLAGE AT WHICH TIME THE EROSION CONTROL ITEMS SHALL BE COMPLETELY REMOVED FROM THE SITE BY THE INSTALLER.
 - ALL DISTURBED AREAS NOT SPECIFICALLY IDENTIFIED FOR LANDSCAPING IMPROVEMENTS OR IMPERVIOUS SURFACE TREATMENTS SUCH AS PAVEMENTS, DRIVES, PATIOS, STOPS, SIDEWALKS OR WALKWAYS SHALL BE FINISHED WITH A MINIMUM OF 6" OF TOPSOIL AND RESTORED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AS FOLLOWS:
 - FERTILIZED NUTRIENTS IN THE RATIO OF 1:1:1 OF NITROGEN, PHOSPHORUS AND POTASSIUM EACH, ALL AT THE RATE OF 90 LBS/ACRE IN ACCORDANCE WITH SECTION 250.
 - EROSION CONTROL BLANKET: EXCELSIOR GREEN BLANKET (I.D.O.T. SEC. 251.04)
 - CONTRACTOR SHALL MAINTAIN RESTORED AREA AS NEEDED UNTIL GERMINATION IS COMPLETED AND THE OWNER, OR LOCAL AGENCY HAVING JURISDICTION, HAS ACCEPTED THE WORK.
 - FOR EACH PHASE OF WORK, THE CONTRACTOR RESPONSIBLE FOR THAT WORK IS TO PROVIDE QUALIFIED PERSONNEL WHO SHALL INSPECT:
 - DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN STABILIZED WITH IMPERVIOUS MATERIALS OR VEGETATIVE GROUND COVER.
 - STRUCTURAL CONTROL MEASURES (I.E. SILT FENCE, FILTER BASKETS, GRATE FABRIC, ETC.).
 - OFF SITE ROADS AND ON SITE PAVEMENTS WHICH THE CONTRACTOR'S VEHICLES AND OR EQUIPMENT OPERATE.
 SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT HAS 0.5 INCHES OR MORE OF PRECIPITATION.
 ALL INSPECTIONS SHALL BE IN CONFORMANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN INSPECTION REQUIREMENTS.

APPROXIMATE EROSION CONTROL SCHEDULE

ACTIVITY/TASK	BEGINNING DATE
INSTALLATION OF SILT FENCING, INLET FILTER BASKETS	APRIL 2016
CLEARING WILL BEGIN	APRIL 2016
TEMPORARY SOIL STABILIZATION MEASURES	APRIL 2016
BUILDING & UTILITIES CONSTRUCTION	MAY 2016
FINAL GRADING / ESTABLISHMENT OF PERMANENT VEGETATIVE COVER/LANDSCAPING	JUNE 2016
REMOVAL OF TEMPORARY MEASURES	JULY 2016
PROJECT COMPLETION	AUGUST 2016



IDOT Inlet Filter Specifications

Material Property	Test Method	Value (min ave)
> NonWoven Geotextile Inner Filter Bag Specs (2 ft² min vol)		
Grab Tensile	ASTM D 4632	100 lbs
Puncture Strength	ASTM D 4833	69 lbs
Trapezoidal Tear	ASTM D 4533	45 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs
App Open Size (AOS)	ASTM D 4751	70 sieve (212 mm)
Permeability	ASTM D 4491	2.0/sec
Water flow rate	ASTM D 4491	145 gpm/sqft
> Polyester Outer Reinforcement Bag Specifications		
Weight	ASTM D 3776	4.55 oz/sqyd +/- 15%
Thickness	ASTM D 1777	0.04 +/- .005
> Frame Construction		
A36 Structural Steel; 13 Gauge; Etc Plated	ASTMA 576	Tensile Strength > 58,000 psi; Yield Strength > 36,000 psi

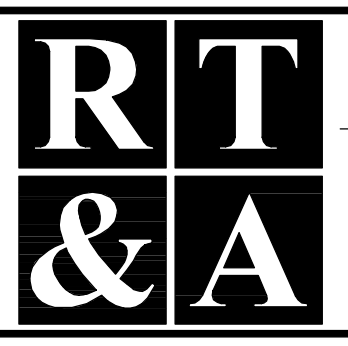
COUNTY OF WILL BENCHMARK:
CONTROL MONUMENT (STATION 403) LOCATED ON THE SOUTH SIDE OF ROMEO ROAD AND 10.25 MILES WEST OF ILLINOIS ROUTE 53. ELEVATION = 628.08 (NAD 83) FIELD VERIFY BENCHMARK.

SITE BENCHMARK #1:
BURNET BOLT OF THE HYDRANT LOCATED NEAR THE EASTERLY ENTRANCE OF EXISTING BUILDING AS NOTED ON PLAN. ELEVATION = 672.38 (NAD 83) FIELD VERIFY BENCHMARK.

REVISIONS

No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.				

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



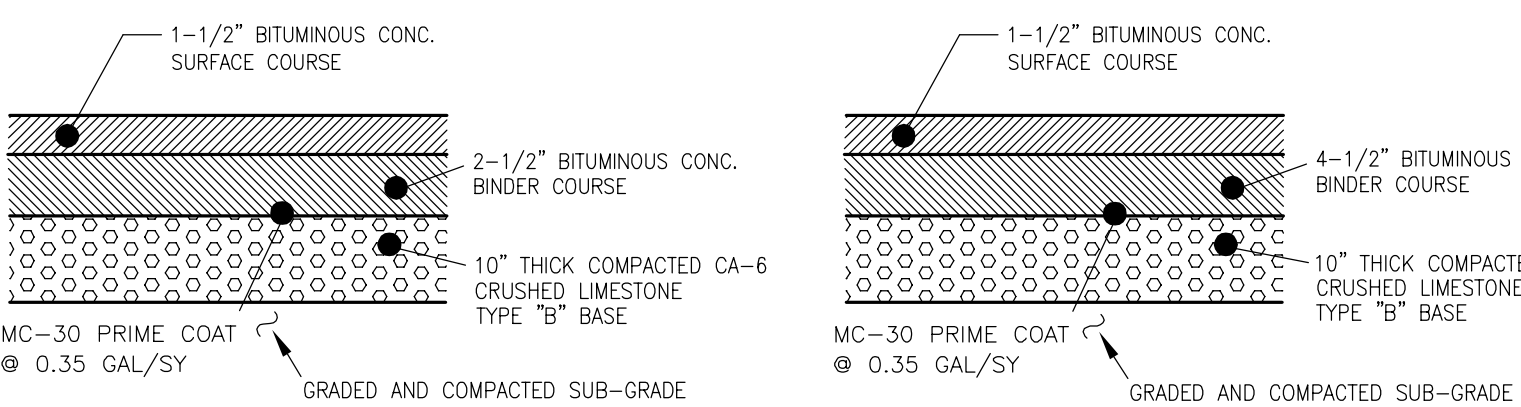
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**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
EROSION CONTROL PLAN**

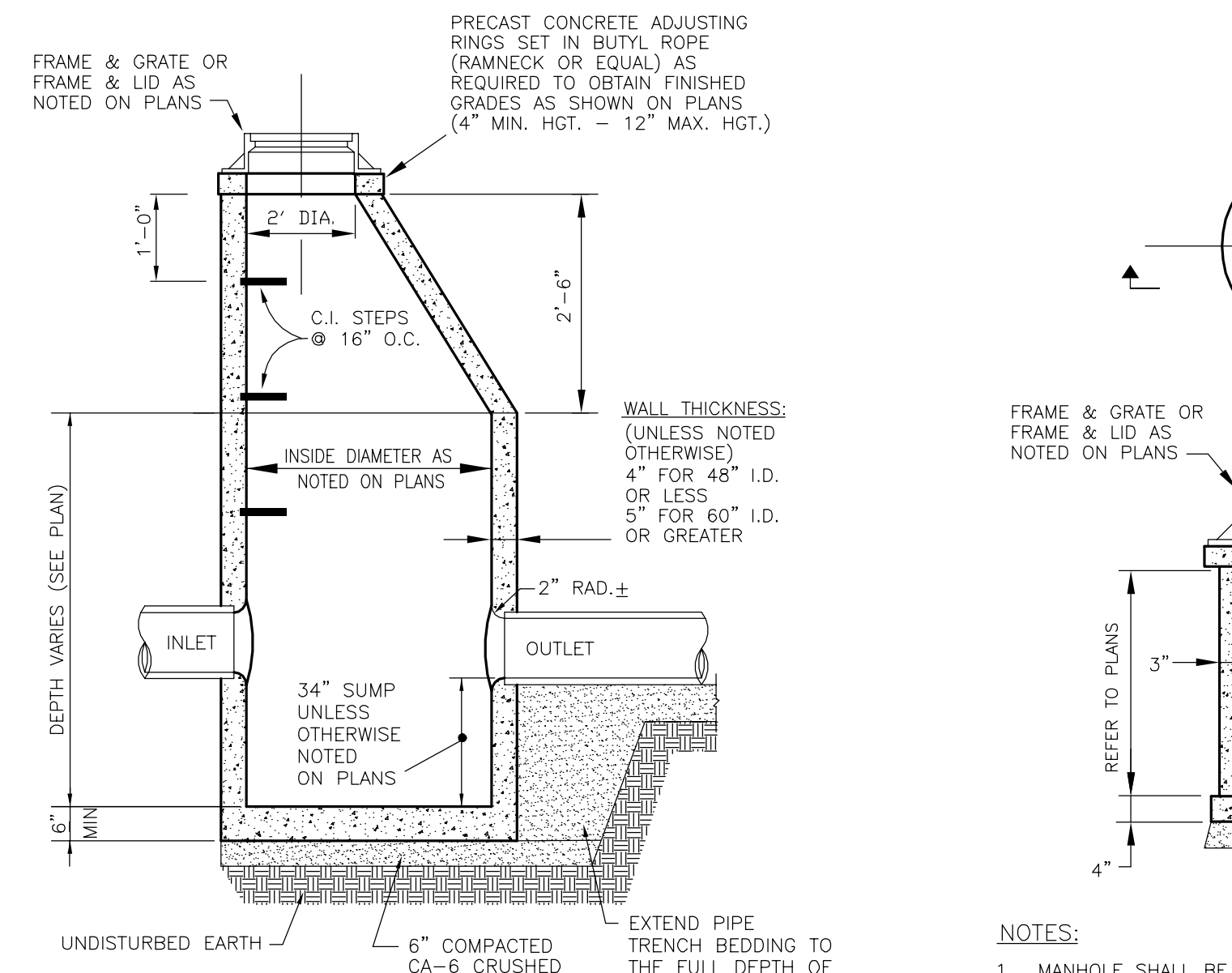
DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 28 OF 31

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NOTE:
ALL EXISTING FILL AND BASE MATERIALS TO BE RE-USED MUST BE TESTED AND COMPACTED AS REQUIRED TO MEET MINIMUM REQUIREMENTS.

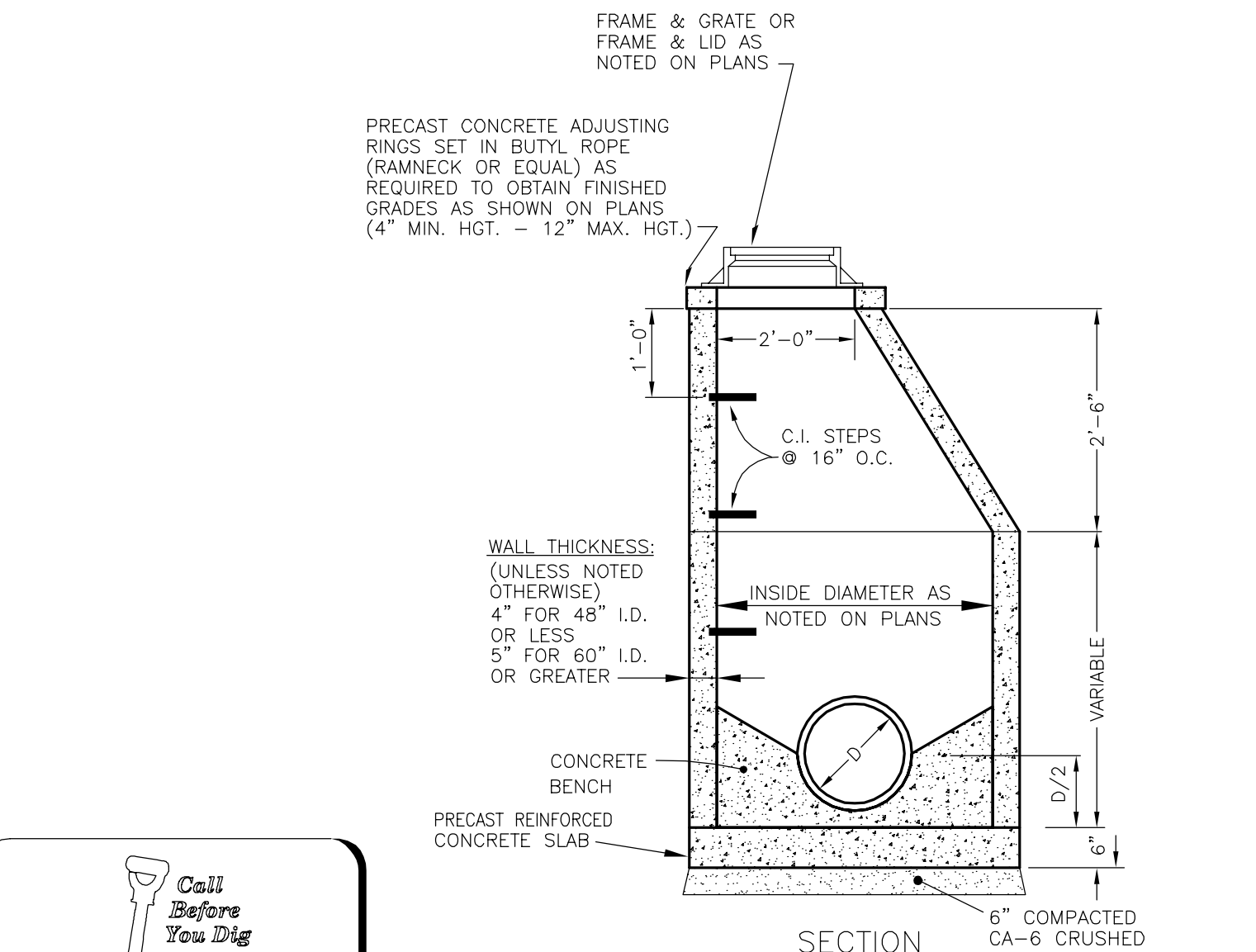
PROPOSED STANDARD DUTY PAVEMENT (TYPE "A") SECTION
NOT TO SCALE



NOTE:
1. SURFACE TO BE A LIGHT BROOM FINISH AT RIGHT ANGLES TO THE EDGES OF THE SIDEWALK.
2. ASPHALTIC FELT EXPANSION JOINTS SHALL BE PROVIDED 30'-0" ON CENTER, WITH 1/2" DEEP CONTROL (FALSE) JOINTS 5'-0" ON CENTER.
3. SIDEWALK THROUGH ENTRANCES SHALL BE 6" THICK WITH 6x6xW1.4W1.4 W/W

TYPICAL P.C.C. SIDEWALK
NOT TO SCALE

TYPE "A" CATCH BASIN
NOT TO SCALE

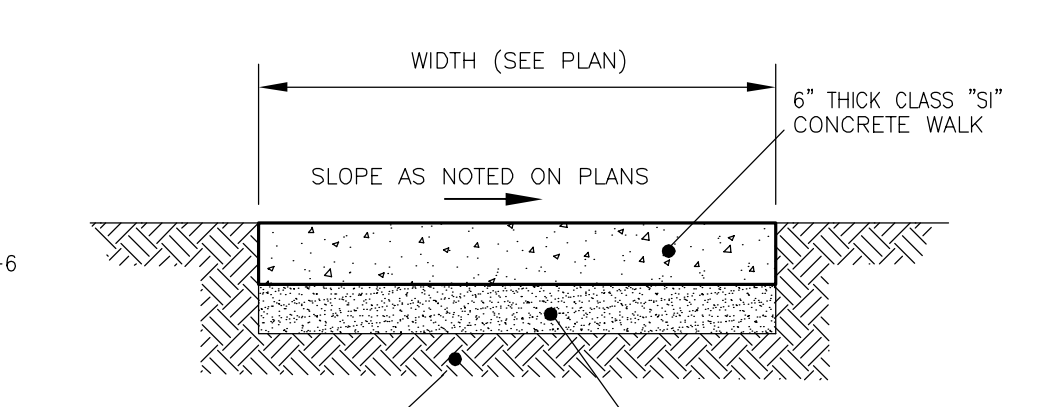


NOTE:
1. MANHOLE SHALL BE PRECAST REINFORCED CONCRETE. PER ASTM C-478.
2. ALL LIFT HOLES SHALL BE SEALED WITH NON SHRINK GROUT.
3. PROVIDE TEMPORARY FILTER FABRIC UNDER ALL OPEN GRATES.

TYPE "A" STORM MANHOLE
NOT TO SCALE

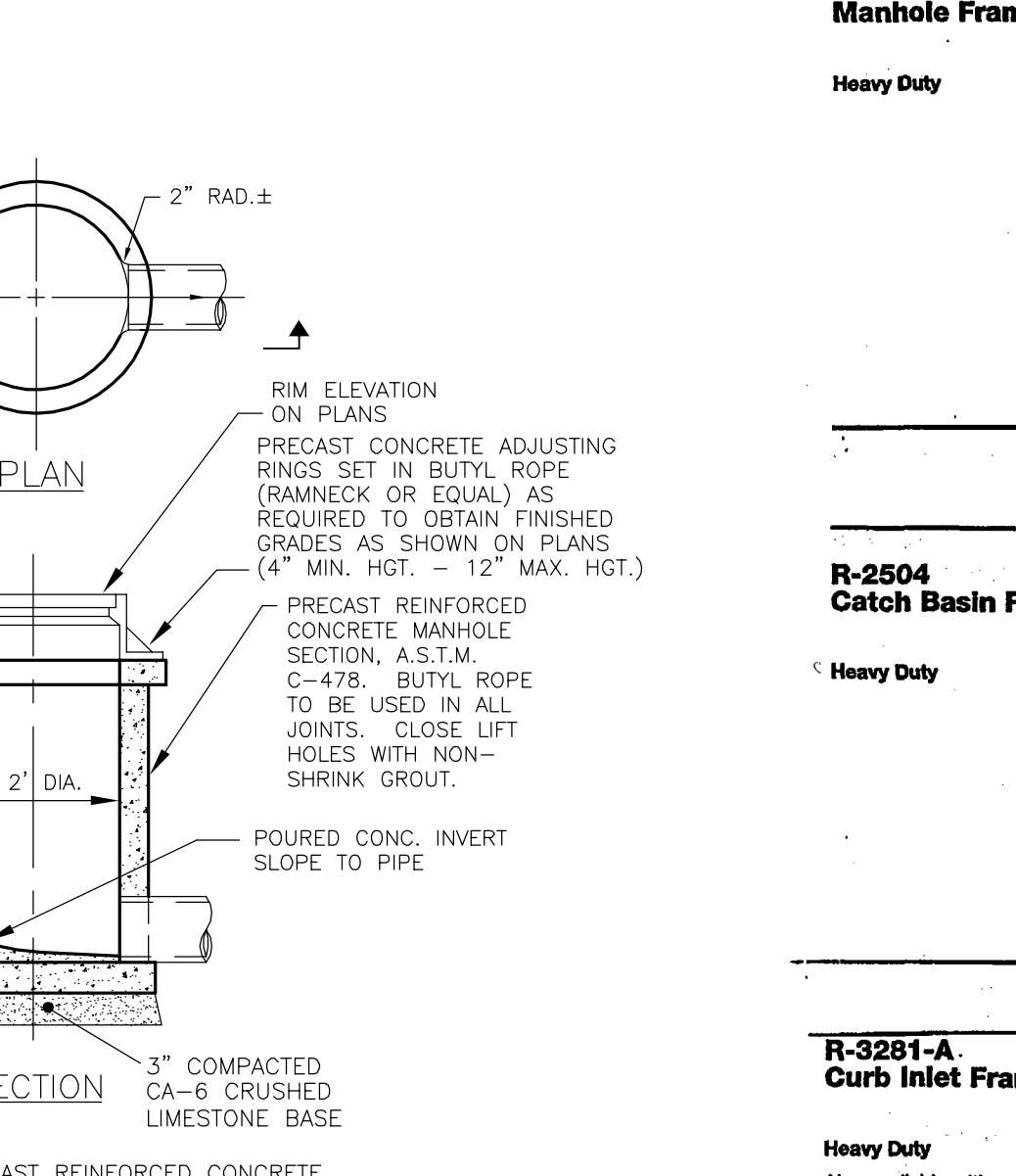
REVISIONS

No.	DATE	DESCRIPTION	BY
0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.



NOTE:
1. SURFACE TO BE A LIGHT BROOM FINISH AT RIGHT ANGLES TO THE EDGES OF THE SIDEWALK.
2. ASPHALTIC FELT EXPANSION JOINTS SHALL BE PROVIDED 30'-0" ON CENTER, WITH 1/2" DEEP CONTROL (FALSE) JOINTS 5'-0" ON CENTER.
3. SIDEWALK THROUGH ENTRANCES SHALL BE 6" THICK WITH 6x6xW1.4W1.4 W/W

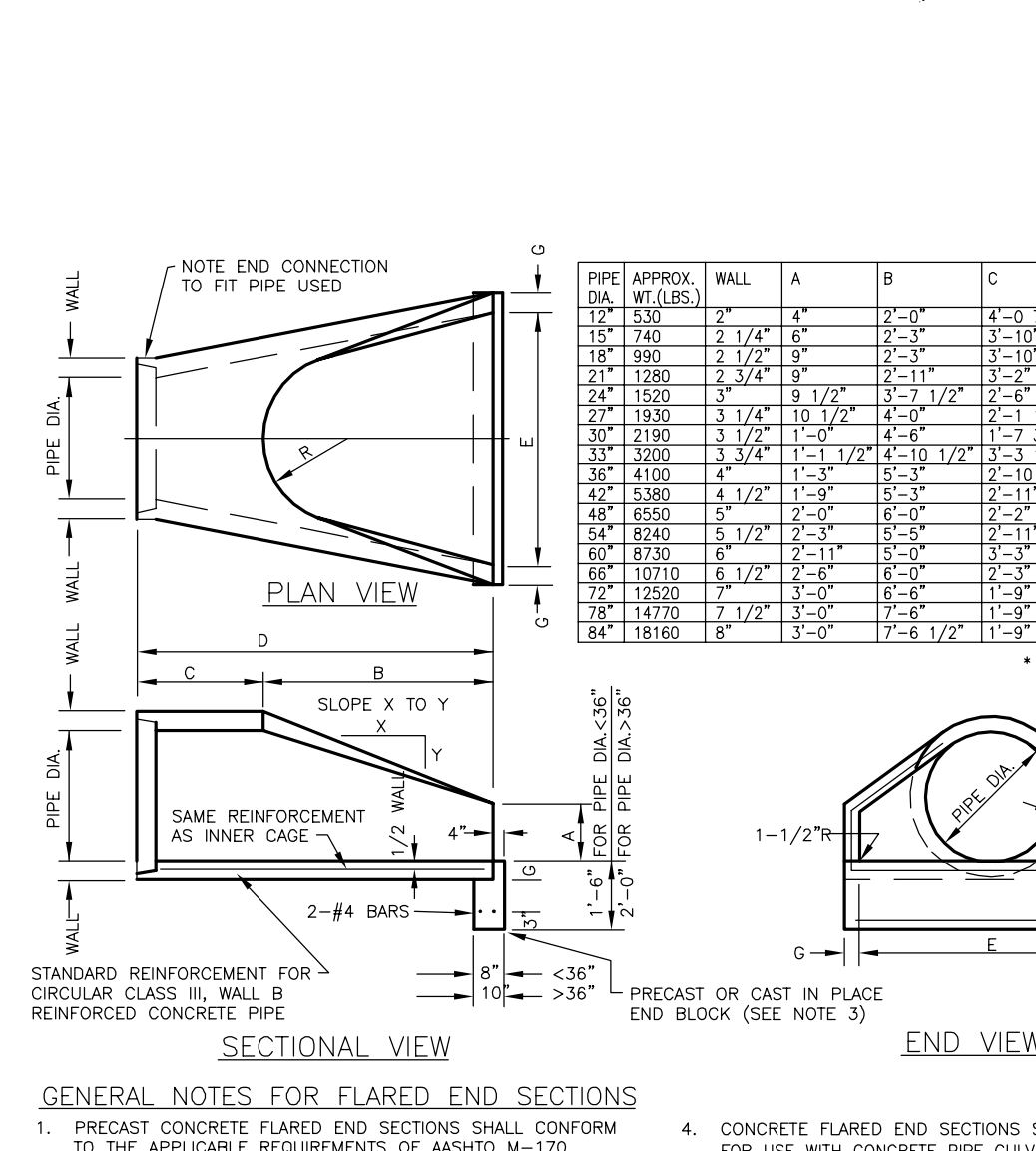
TYPICAL P.C.C. SIDEWALK
NOT TO SCALE



NOTE:
1. MANHOLE SHALL BE PRECAST REINFORCED CONCRETE. PER ASTM C-478.
2. ALL LIFT HOLES SHALL BE SEALED WITH NON SHRINK GROUT.
3. PROVIDE TEMPORARY FILTER FABRIC UNDER ALL OPEN GRATES.

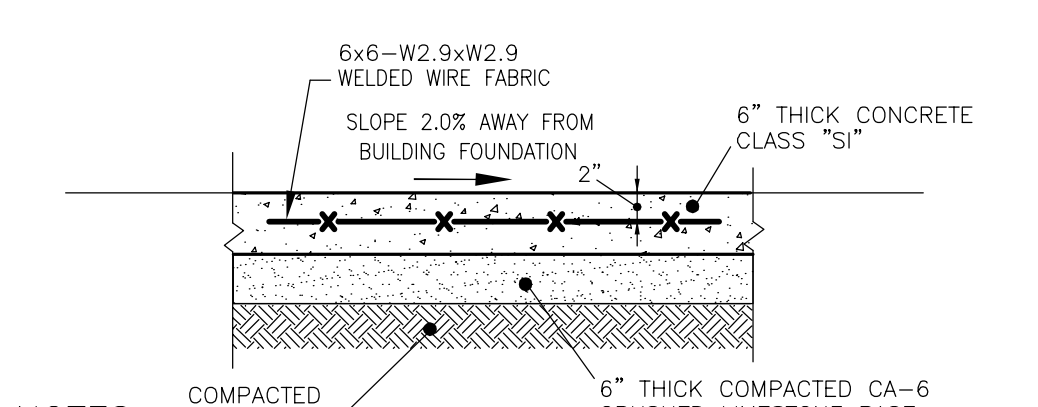
TYPE A STORM INLET
NOT TO SCALE

TYPE "A" CATCH BASIN
NOT TO SCALE



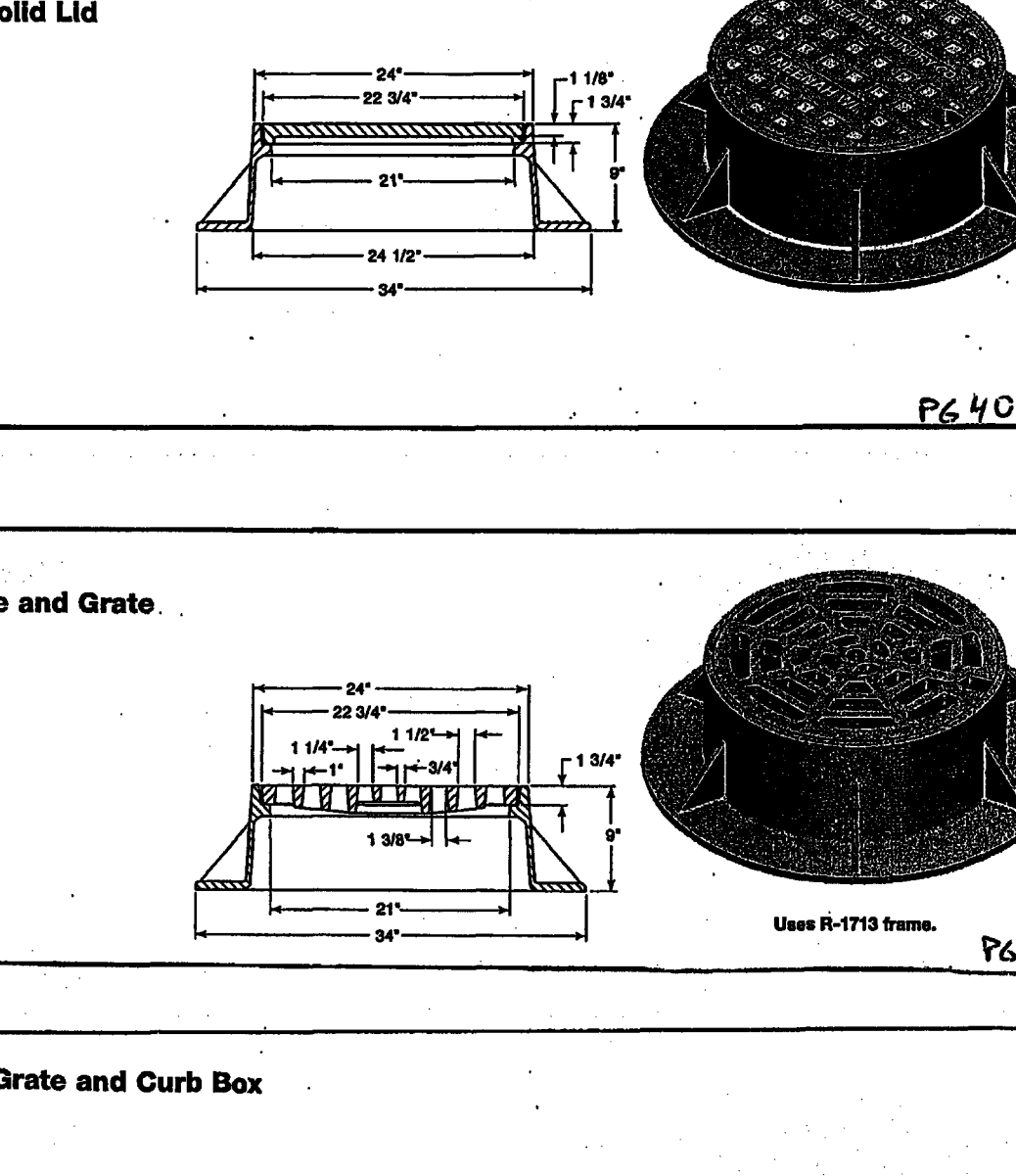
NOTE:
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2. PRECAST CONCRETE FLARED END SECTION FOR PIPE DIAMETER REQUIRED SHALL BE AS INDICATED ON DETAIL PLAN FOR EACH INDIVIDUAL INSTALLATION.
3. THE END BLOCK SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE FLARED END SECTION. THE END BLOCK SHALL BE BACKFILLED IN ACCORDANCE WITH ART. 502.11 OF THE STANDARD SPECIFICATIONS. CAST INCIDENTAL TO END SECTION.

PRECAST CONCRETE FLARED END SECTION
NOT TO SCALE



NOTE:
1. PRECAST CONCRETE FLARED END SECTIONS SHOULD BE CONSIDERED FOR USE WITH CONCRETE PIPE CURBS HAVING SLOPES NO GREATER THAN 15%.
2. STANDARDS 2364 AND 2376 (GRATING FOR CONCRETE FLARED END SECTIONS) SHOULD BE CONSIDERED FOR USE WITH THIS STANDARD WHENEVER FLARED END SECTIONS FOR 24" THRU 36" DIAMETER ACROSS-ROAD CULVERTS ARE FOR USE OR WILL BE LOCATED WITHIN THE CLEAR ZONE OF THE ROADWAY.

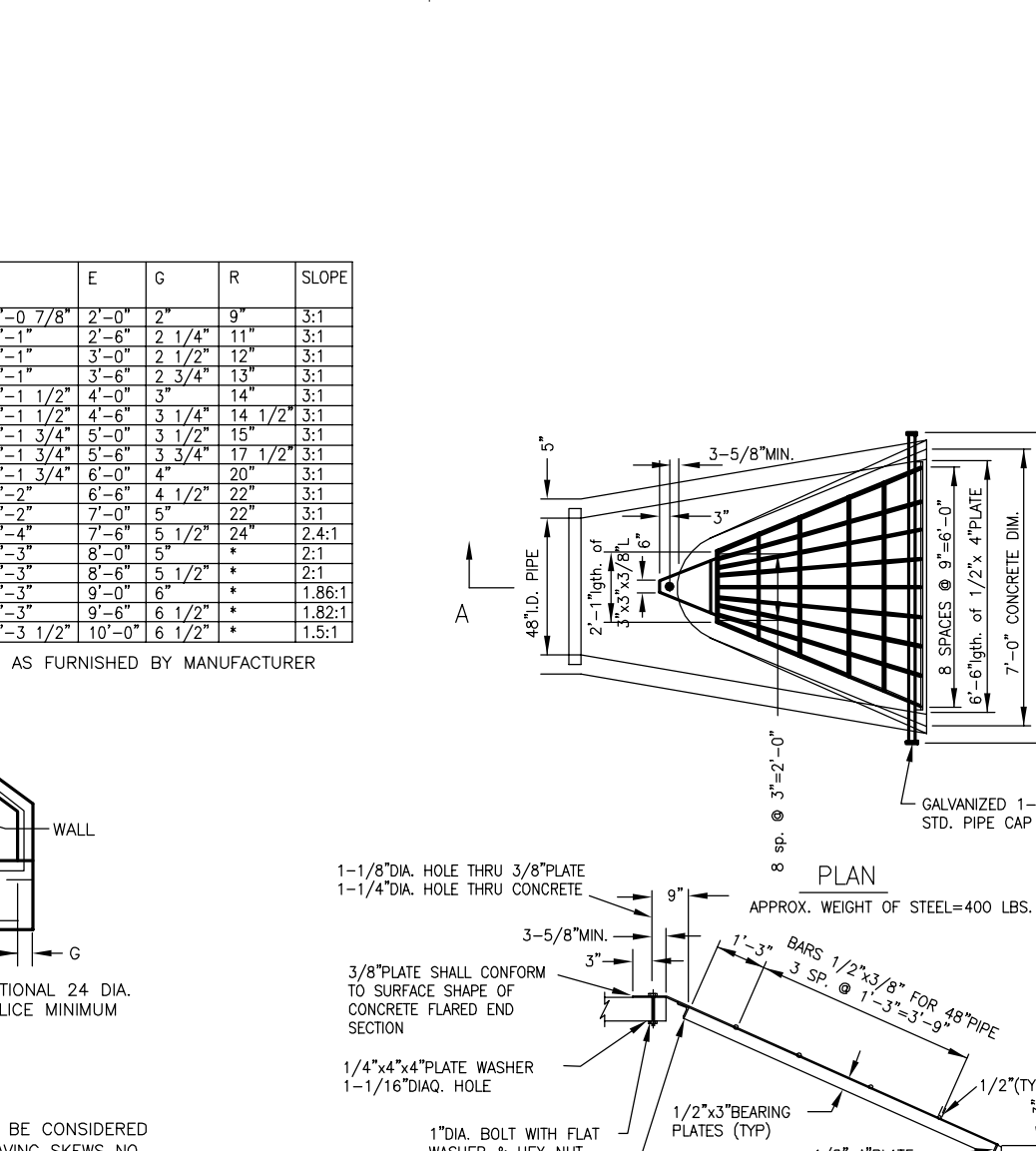
FLARED END SECTION GRATING
NOT TO SCALE



NOTE:
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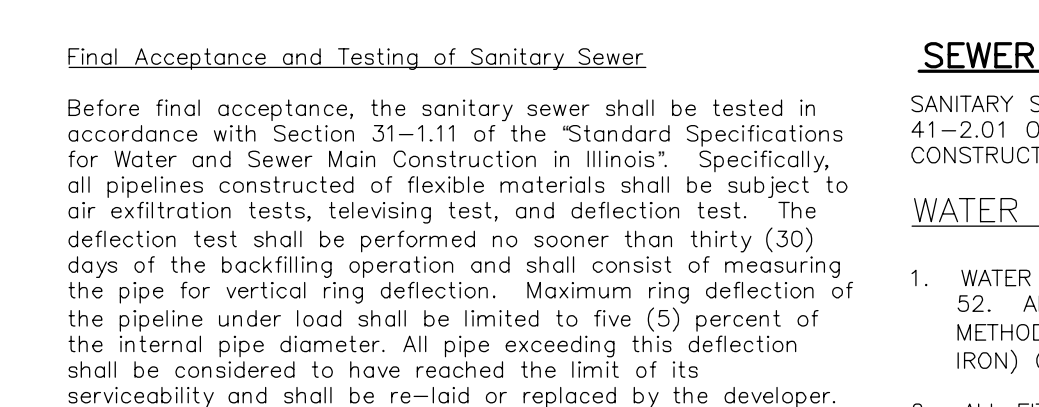
PRECAST CONCRETE FLARED END SECTION
NOT TO SCALE

FLARED END SECTION GRATING
NOT TO SCALE



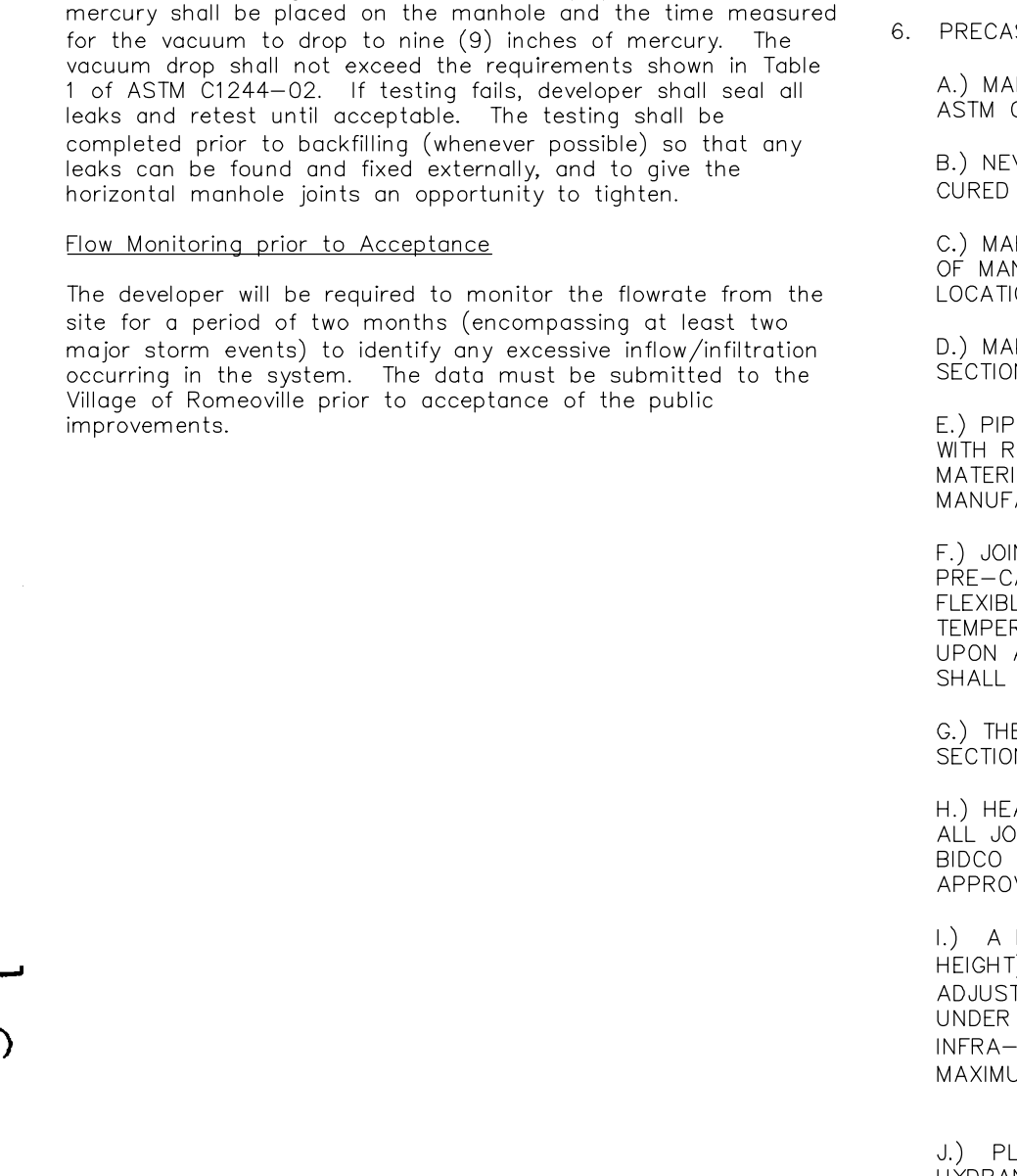
NOTE:
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2. ALL FITTINGS SHALL BE CEMENT LINED DUCTILE IRON, MECHANICAL JOINT. RETAINER GLANDS ARE REQUIRED ON ALL BENDS, TEES, OR ELBOWS; ALL PLUGS SHALL BE CLOW F-1159 OR APPROVED EQUAL.
3. ALL VALVES SHALL BE RESILIENT SEATED CONFORMING TO AWWA C500 STANDARDS; MANUFACTURED BY MUELLER OR APPROVED EQUAL.
4. NO FLARED FITTINGS FOR COPPER LINES - ONLY COMPRESSION FITTINGS, EITHER FORD G STYLE GRIP JOINT (PACK JOINT NOT ACCEPTABLE) OR McDONALD "T" COMPRESSION JOINT (MAC-PACK NOT ACCEPTABLE).
5. ALL COPPER MUST BE TYPE K (SOFT TEMPER) AND BE CONTINUOUS (ONE PIECE) FROM THE CURB STOP TO THE METER (INSIDE THE BUILDING). NO BURIED UNIONS SHALL BE PERMITTED.

TYPICAL UTILITY TRENCH
NOT TO SCALE



NOTE:
1. SURFACE TO BE A LIGHT BROOM FINISH AT RIGHT ANGLES TO THE EDGES OF THE SLAB.
2. ASPHALTIC FELT EXPANSION JOINTS SHALL BE PROVIDED 30'-0" ON CENTER, WITH 1/2" DEEP CONTROL (FALSE) JOINTS 5'-0" ON CENTER.

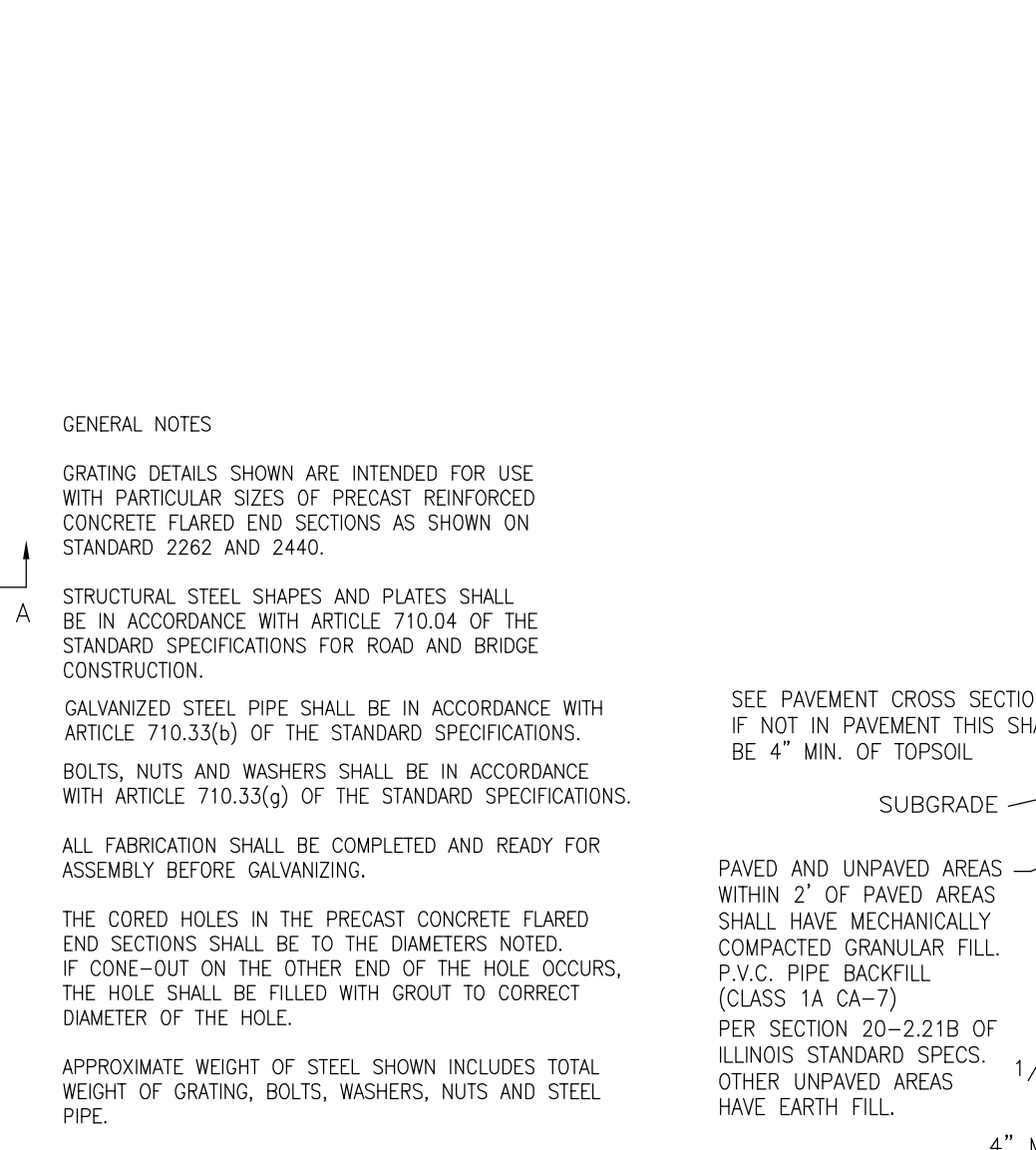
TYPICAL P.C.C. PAVEMENT SECTION
NOT TO SCALE



NOTE:
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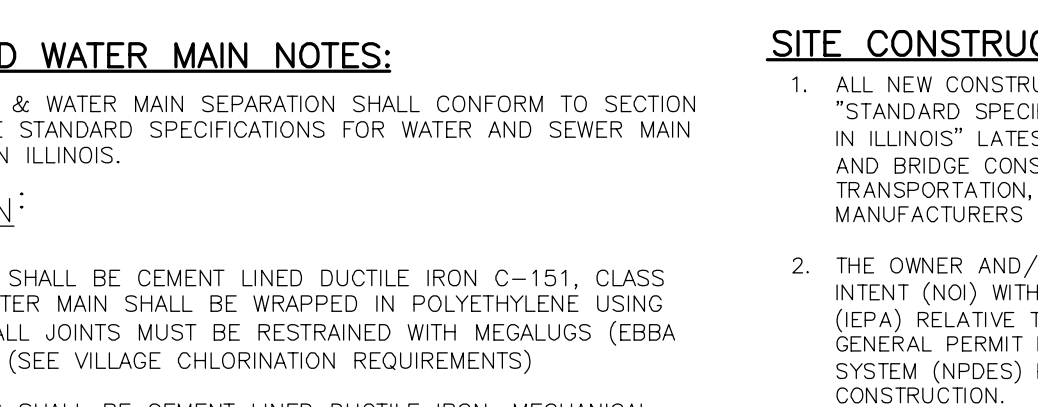
PRECAST CONCRETE FLARED END SECTION
NOT TO SCALE

FLARED END SECTION GRATING
NOT TO SCALE



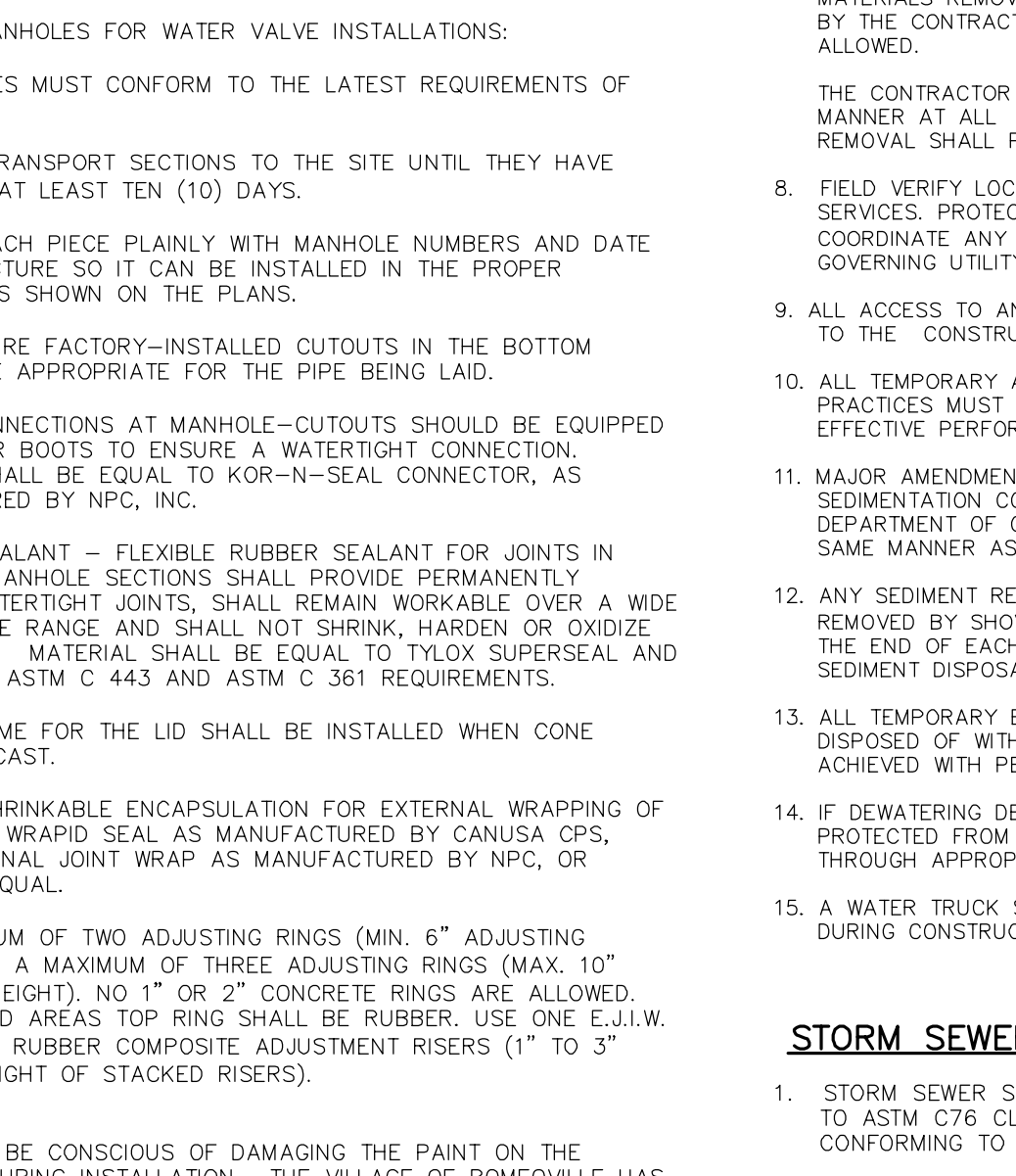
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5. ALL COPPER MUST BE TYPE K (SOFT TEMPER) AND BE CONTINUOUS (ONE PIECE) FROM THE CURB STOP TO THE METER (INSIDE THE BUILDING). NO BURIED UNIONS SHALL BE PERMITTED.

TYPICAL UTILITY TRENCH
NOT TO SCALE



NOTE:
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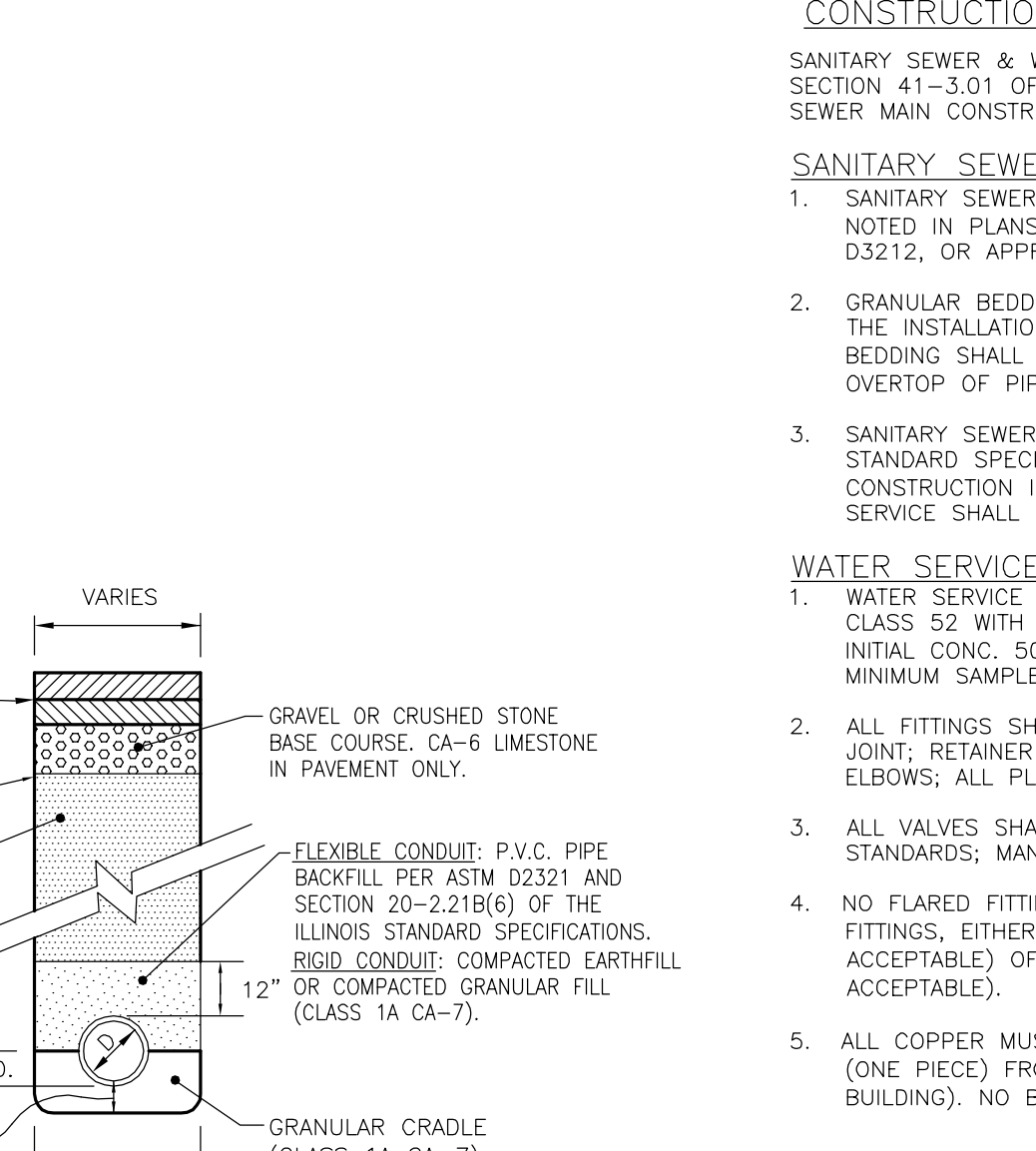
TYPICAL P.C.C. PAVEMENT SECTION
NOT TO SCALE



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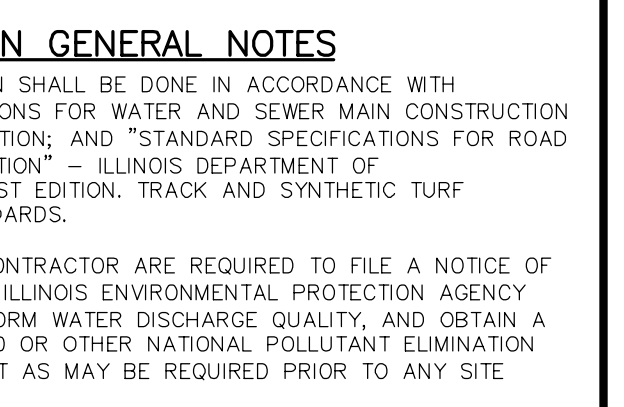
PRECAST CONCRETE FLARED END SECTION
NOT TO SCALE

FLARED END SECTION GRATING
NOT TO SCALE



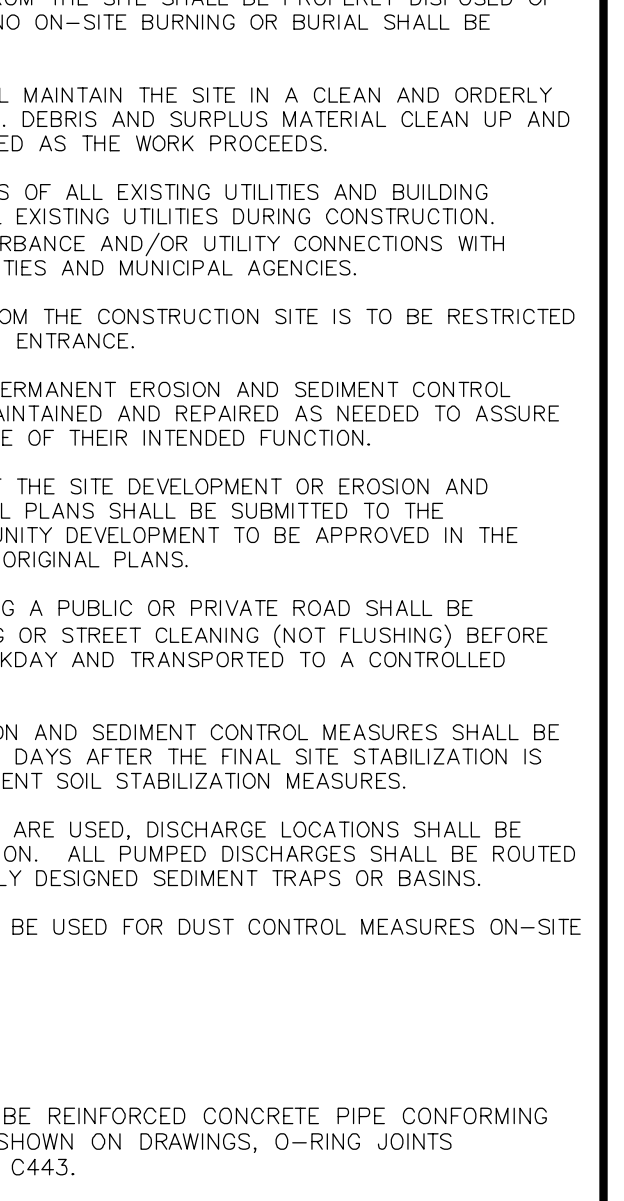
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TYPICAL UTILITY TRENCH
NOT TO SCALE



NOTE:
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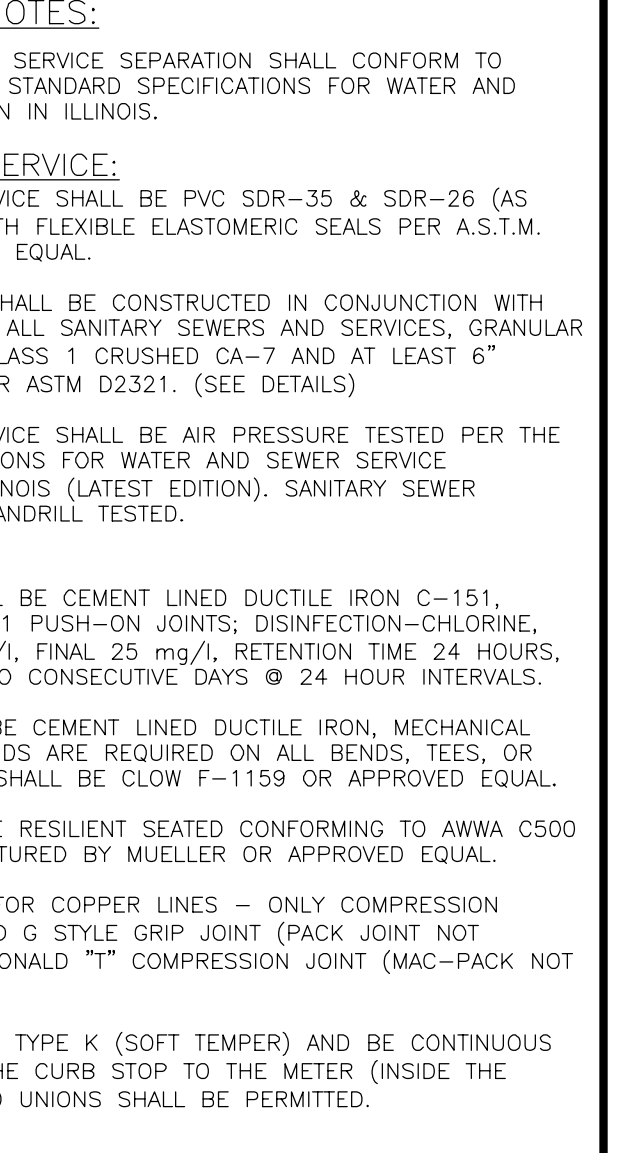
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PRECAST CONCRETE FLARED END SECTION
NOT TO SCALE

FLARED END SECTION GRATING
NOT TO SCALE



NOTE:
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5. ALL COPPER MUST BE TYPE K (SOFT TEMPER) AND BE CONTINUOUS (ONE PIECE) FROM THE CURB STOP TO THE METER (INSIDE THE BUILDING). NO BURIED UNIONS SHALL BE PERMITTED.

TYPICAL UTILITY TRENCH
NOT TO SCALE

SEWER AND WATER MAIN NOTES:

SEWER AND WATER MAIN SEPARATION SHALL CONFORM TO SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

WATER MAIN:

- WATER MAIN SHALL BE CEMENT LINED DUCTILE IRON C-151, CLASS 52. ALL WATER MAIN SHALL BE WRAPPED IN POLYETHYLENE USING METHOD B. ALL JOINTS MUST BE RESTRAINED WITH MECHANICAL JOINTS (EPPA IRON) ONLY. (SEE VILLAGE CHLORINATION REQUIREMENTS)
- ALL FITTINGS SHALL BE CEMENT LINED DUCTILE IRON, MECHANICAL JOINT. RETAINER GLANDS ARE REQUIRED ON ALL BENDS, TEES, OR ELBOWS; ALL PLUGS SHALL BE CLOW F-1159 OR APPROVED EQUAL.
- FIRE HYDRANT MUST BE EAST JORDAN WATER MASTER 5BR250, WITH 6" PLAIN END SHOE WITH ATTACHED 6" RESILIENT WEDGE MECHANICAL JOINT VALVES AND MUST INCLUDE A STORZ PUMPER CONNECTION ALONG WITH TWO 2-1/2" HOSE CONNECTIONS.
- ALL VALVES MUST BE EAST JORDAN IRON WORKS (FLOW MASTER) OR AMERICAN FLOW, RESILIENT-SEATED GATE VALVES FOR ALL SIZES. VALVE VAULT FRAMES AND COVERS MUST BE EAST JORDAN 102223 AND EMBOSSED WITH "10224 HD "WATER" AND "VILLAGE OF ROMEOVILLE". ALL JOINTS MUST BE EXTERNALLY WRAPPED W/ MACWRAP OR EQUAL. RUBBER GASKET BOOTS ARE REQUIRED FOR ALL PENETRATIONS THROUGH THE MANHOLE WALL. INTERNAL / EXTERNAL CHIMNEY SEALS ARE REQUIRED.
- RETAINER GLANDS SHALL BE REQUIRED FOR HYDRANTS NOT DIRECTLY CONNECTED TO HYDRANT TEE AT WATERMAIN.
- PRECAST MANHOLES FOR WATER VALVE INSTALLATIONS:
 - MANHOLES MUST CONFORM TO THE LATEST REQUIREMENTS OF ASTM C478
 - NEVER TRANSPORT SECTIONS TO THE SITE UNTIL THEY HAVE CURED FOR AT LEAST TEN (10) DAYS.
 - MARK EACH PIECE PLAINLY WITH MANHOLE NUMBERS AND DATE OF MANUFACTURE SO IT CAN BE INSTALLED IN THE PROPER LOCATION, AS SHOWN ON THE PLANS.
 - MAKE SURE FACTORY-INSTALLED CUTOUTS IN THE BOTTOM SECTION ARE APPROPRIATE FOR THE PIPE BEING LAID.
 - PIPE CONNECTIONS AT MANHOLE-CUTOUTS SHOULD BE EQUIPPED WITH RUBBER BOOTS TO ENSURE A WATERTIGHT CONNECTION. MATERIAL SHALL BE EQUAL TO KOR-N-SEAL CONNECTOR, AS MANUFACTURED BY NPC, INC.
 - JOINT SEALANT - FLEXIBLE RUBBER SEALANT FOR JOINTS IN PIPE-CAST MANHOLE SECTIONS SHALL PROVIDE PERMANENTLY FLEXIBLE WATERTIGHT JOINTS. SHALL REMAIN WORKABLE OVER A WIDE TEMPERATURE RANGE AND SHALL NOT SHRINK, HARDEN OR OXIDIZE UPON AGING. MATERIAL SHALL BE EQUAL TO TYLOX SUPERSEAL AND SHALL MEET ASTM C 443 AND ASTM C 361 REQUIREMENTS.
 - THE FRAME FOR THE LID SHALL BE INSTALLED WHEN CONE SECTION IS CAST.
 - HEAT-SHRINKABLE ENCAPSULATION FOR EXTERNAL WRAPPING OF ALL JOINTS: WRAPID SEAL AS MANUFACTURED BY CANUSA CPS, BIDCO EXTERNAL JOINT WRAP AS MANUFACTURED BY NPC, OR APPROVED EQUAL.
 - A MINIMUM OF TWO ADJUSTING RINGS (MIN. 6" ADJUSTING HEIGHT) AND A MAXIMUM OF THREE ADJUSTING RINGS (MAX. 10" ADJUSTING HEIGHT) NO 1" OR 2" CONCRETE RINGS ARE ALLOWED. UNDER PAVED AREAS TOP RING SHALL BE RUBBER. USE ONE E.J.I.W. INFRA-RISER RUBBER COMPOSITE ADJUSTMENT RISERS (1" TO 3" MAXIMUM HEIGHT OF STACKED RISERS).
 - PLEASE BE CONSCIOUS OF DAMAGING THE PAINT ON THE HYDRANTS DURING INSTALLATION. THE VILLAGE OF ROMEOVILLE HAS FOUND THAT THE PAINT ON THE HYDRANTS CAN BE DAMAGED DURING BACKFILLING. IF REQUESTED BY THE VILLAGE OF ROMEOVILLE WATER SUPERINTENDENT, ANY HYDRANTS EXHIBITING EXCESSIVE ROCK DAMAGE WILL BE SAND BLASTED AND REPAINTED BY AN APPROVED CONTRACTOR PRIOR TO ACCEPTANCE.
 - A MINIMUM OF 48 HOURS PRIOR TO ANY WATER USAGES (I.E. FLUSHES, FILLS, ETC.), THE CONTRACTOR MUST CALL THE VILLAGE OF ROMEOVILLE WATER DEPARTMENT AT 815-886-1870 TO GET APPROVAL OF SAID USAGE. ANY UNAUTHORIZED USAGES WILL RESULT IN PENALTIES.
 - ALL VALVES AND HYDRANTS SHALL BE SUBMITTED TO THE VILLAGE OF ROMEOVILLE WATER DEPARTMENT FOR WRITTEN APPROVAL PRIOR TO ORDERING.

SITE CONSTRUCTION GENERAL NOTES

- ALL NEW CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION; AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" - ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION, TRACK AND SYNTHETIC TURF MANUFACTURERS STANDARDS.
- THE OWNER AND/OR CONTRACTOR ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) RELATIVE TO STORM WATER DISCHARGE QUALITY, AND OBTAIN A GENERAL PERMIT ILR-10 OR OTHER NATIONAL POLLUTANT ELIMINATION SYSTEM (NPDES) PERMIT AS MAY BE REQUIRED PRIOR TO ANY SITE CONSTRUCTION.
- UNLESS NOTED OTHERWISE, ANY UNDERGROUND SEWER OR DRAIN TILE SHALL REMAIN IN OPERATION, AND IF DAMAGED SHALL BE REPAIRED TO EXISTING OR BETTER CONDITION, THE OWNER OF THE TILE AND THE VILLAGE SHALL BE NOTIFIED BEFORE TRENCH IS BACKFILLED.
- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE OWNER, VILLAGE AND ENGINEER IF THERE IS ANY DISCREPANCY BETWEEN THE PLANS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY STAGE OF CONSTRUCTION OF PROPOSED IMPROVEMENTS.
- GRANULAR BACKFILL TO BE CRUSHED LIMESTONE CA-7.
- EROSION CONTROL TO BE APPLIED PER THE ILLINOIS PROCEDURES FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL, LATEST EDITION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLETELY REMOVE AND PROPERLY DISPOSE OF EXISTING UTILITIES AND BUILDING SERVICES. PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION. COORDINATE ANY DISTURBANCE AND/OR UTILITY CONNECTIONS WITH GOVERNING UTILITY ENTITIES AND MUNICIPAL AGENCIES.
- ALL ACCESS TO AND FROM THE CONSTRUCTION SITE IS TO BE RESTRICTED TO THE CONSTRUCTION ENTRANCE.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE OF THEIR INTENDED FUNCTION.
- MAJOR AMENDMENTS OF THE SITE DEVELOPMENT OR EROSION AND SEDIMENTATION CONTROL PLANS SHALL BE SUBMITTED TO THE DEPARTMENT OF COMMUNITY DEVELOPMENT TO BE APPROVED IN THE SAME MANNER AS THE ORIGINAL PLANS.
- ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER THE FINAL SITE STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.
- IF DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. ALL PUMPED DISCHARGES SHALL BE ROUTED THROUGH APPROPRIATELY DESIGNED SEDIMENT TRAPS OR BASINS.
- A WATER TRUCK SHALL BE USED FOR DUST CONTROL MEASURES ON-SITE DURING CONSTRUCTION.

STORM SEWER:

- STORM SEWER SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 CLASS SHOWN ON DRAWINGS. O-RING JOINTS CONFORMING TO ASTM C443.
- STORM SEWER JOINTS MUST BE FLEXIBLE GASKET O-RINGS PER ASTM C361, ASTM C433, AND ASTM C1619.
- ALL CLOSED LID STORM STRUCTURES, FRAME AND COVER SHALL BE EAST JORDAN 102223 EMBOSSED WITH "STORM" AND "VILLAGE OF ROMEOVILLE".
- WHEN UTILITY STRUCTURE ADJUSTMENT IS NECESSARY, A MINIMUM OF TWO ADJUSTING RINGS (MIN. 6" ADJUSTING HEIGHT) AND MAXIMUM OF THREE RINGS (MAX. 10" ADJUSTING HEIGHT) NO 1" OR 2" CONCRETE RINGS ALLOWED. UNDER PAVED AREAS, TOP RING SHOULD BE RUBBER. USE ONE (1) EAST JORDAN IRON WORKS INFRA-RISER RUBBER COMPOSITE.

SANITARY & WATER SERVICE CONSTRUCTION NOTES:

SANITARY SEWER & WATER SERVICE SEPARATION SHALL CONFORM TO SECTION 41-3.01 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

SANITARY SEWER SERVICE:

- SANITARY SEWER SERVICE SHALL BE PVC SDR-35 & SDR-26 (AS NOTED IN PLANS), WITH FLEXIBLE ELASTOMERIC SEALS PER A.S.T.M. D3312, OR APPROVED EQUAL.
- GRANULAR BEDDING SHALL BE CONSTRUCTED IN CONJUNCTION WITH THE INSTALLATION OF ALL SANITARY SEWERS AND SERVICES. GRANULAR BEDDING SHALL BE CLASS 1 CRUSHED CA-7 AND AT LEAST 6" OVERTOP OF PIPE PER ASTM D2321. (SEE DETAILS)
- SANITARY SEWER SERVICE SHALL BE AIR PRESSURE TESTED PER THE STANDARD SPECIFICATIONS FOR WATER AND SEWER SERVICE CONSTRUCTION IN ILLINOIS (LATEST EDITION). SANITARY SEWER SERVICE SHALL BE MANDRILL TESTED.

WATER SERVICE:

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- ALL VALVES SHALL BE RESILIENT SEATED CONFORMING TO AWWA C500 STANDARDS; MANUFACTURED BY MUELLER OR APPROVED EQUAL.
- NO FLARED FITTINGS FOR COPPER LINES - ONLY COMPRESSION FITTINGS, EITHER FORD G STYLE GRIP JOINT (PACK JOINT NOT ACCEPTABLE) OR McDONALD "T" COMPRESSION JOINT (MAC-PACK NOT ACCEPTABLE).
- ALL COPPER MUST BE TYPE K (SOFT TEMPER) AND BE CONTINUOUS (ONE PIECE) FROM THE CURB STOP TO THE METER (INSIDE THE BUILDING). NO BURIED UNIONS SHALL BE PERMITTED.

NOTE:
GRANULAR BACKFILL IS REQUIRED FULL DEPTH WITHIN TWO FEET OF PAVEMENT AND SIDEWALK

VILLAGE CONTACT INFORMATION:
MR. JONATHAN ZABROCKI, P.E.
c/o VILLAGE OF ROMEOVILLE
615 ANDERSON DRIVE
ROMEOVILLE, ILLINOIS 60446
PHONE: (815) 866-1870

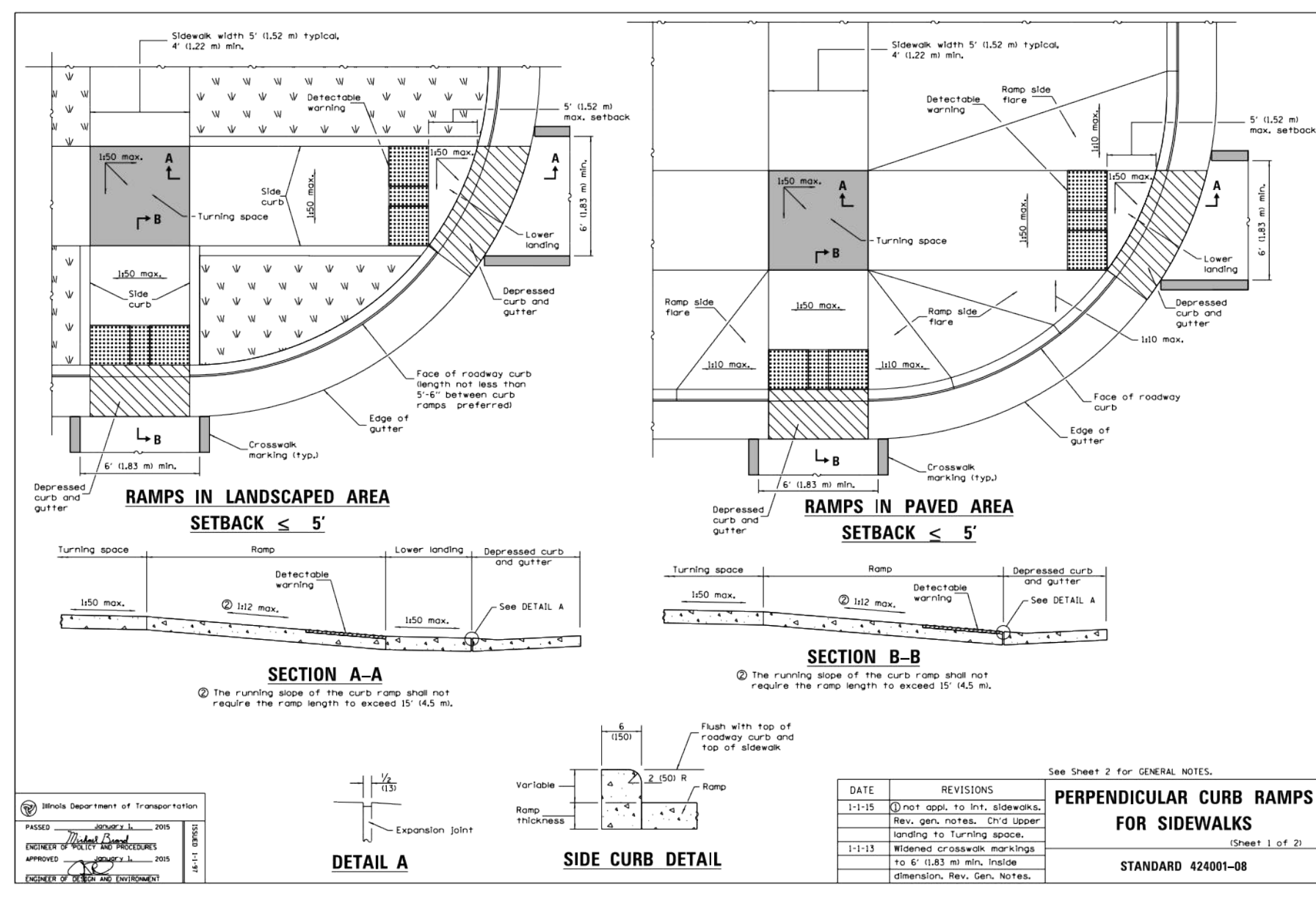
Call Before You Dig
JULIE
ILLINOIS ONE-CALL SYSTEM
CONTACT JULIE AT 811 OR 800-892-0123
48 Hours (2 Working Days) BEFORE YOU DIG.
Include the following:
County, City/Township, Section & 1/4 Section No.

RT & A
Ruettinger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettingertonelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEOVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
GENERAL NOTES AND
CONSTRUCTION DETAILS
(1 OF 3)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 29 OF 31

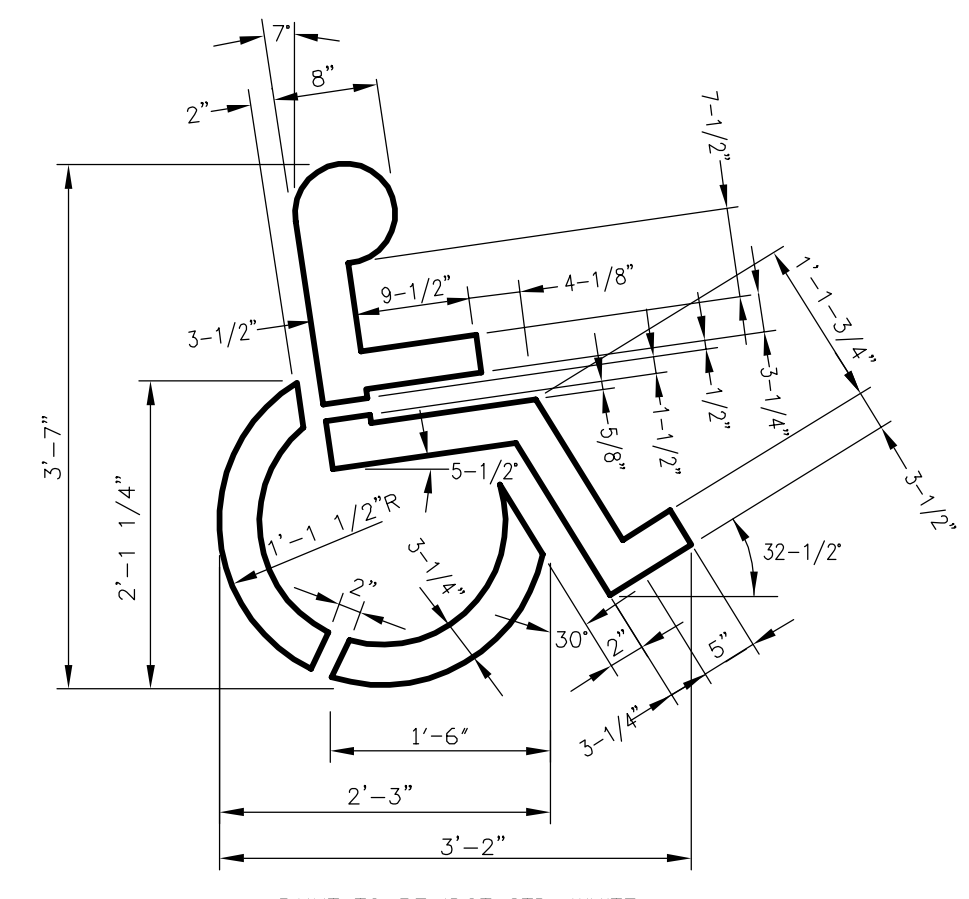
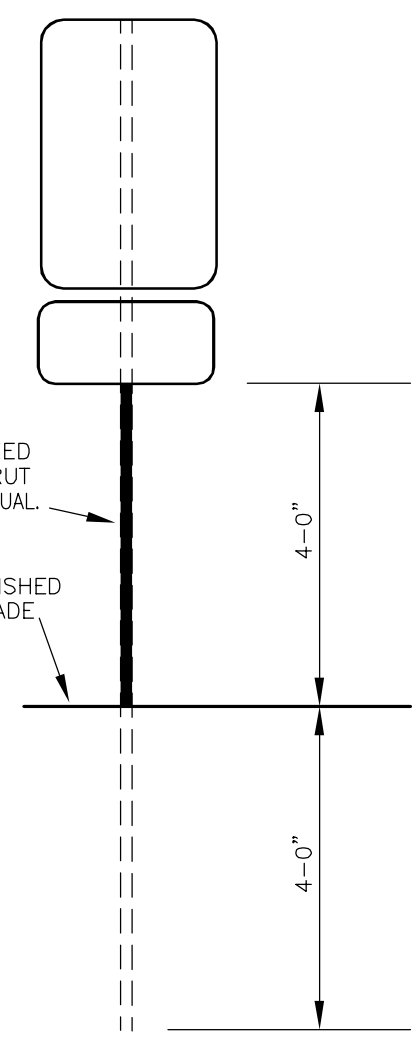


NOTE:
1. 12"x18" REFLECTIVE RED AND WHITE SIGN.
NO PARKING - FIRE LANE SIGN
NOT TO SCALE

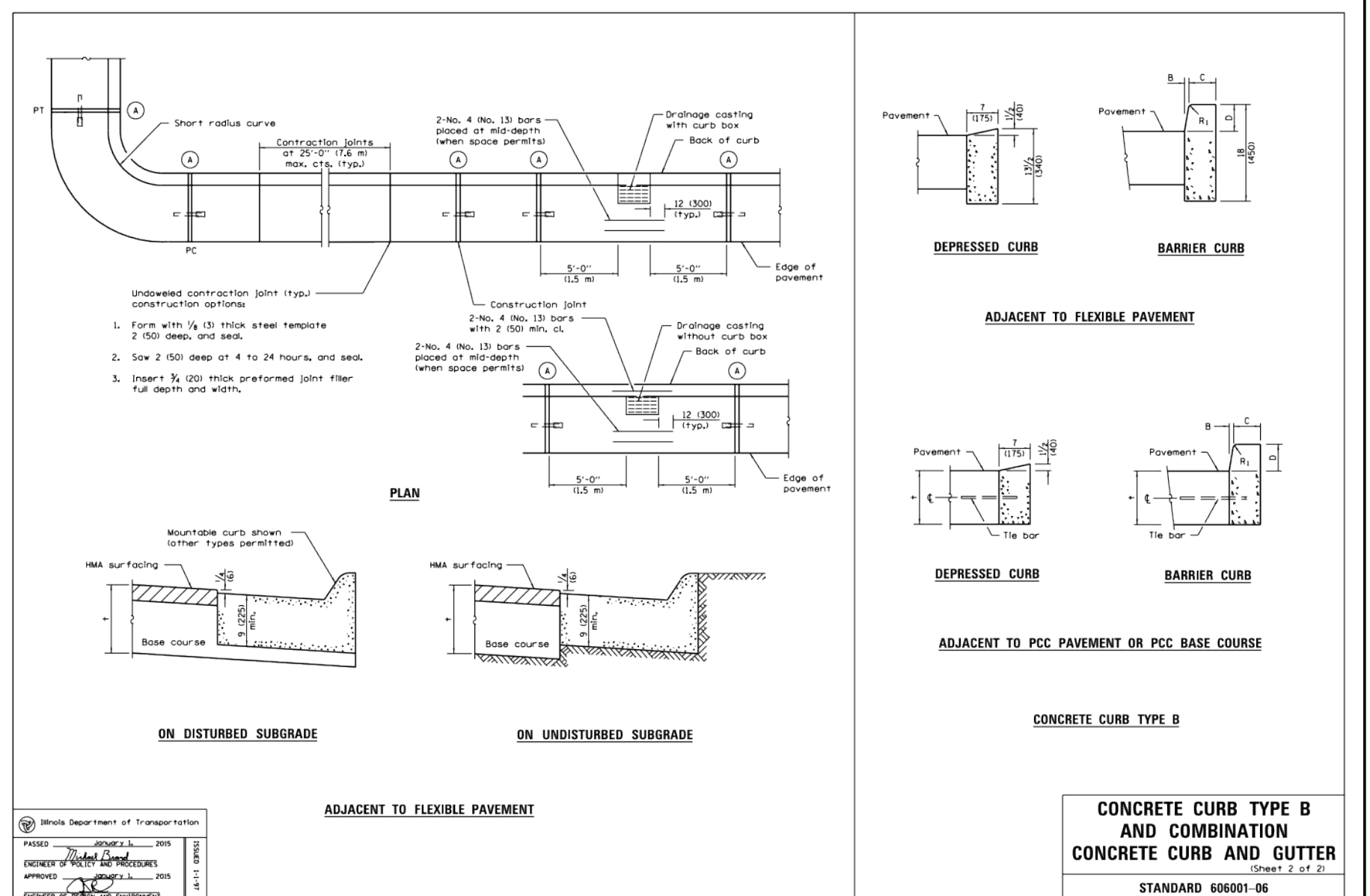
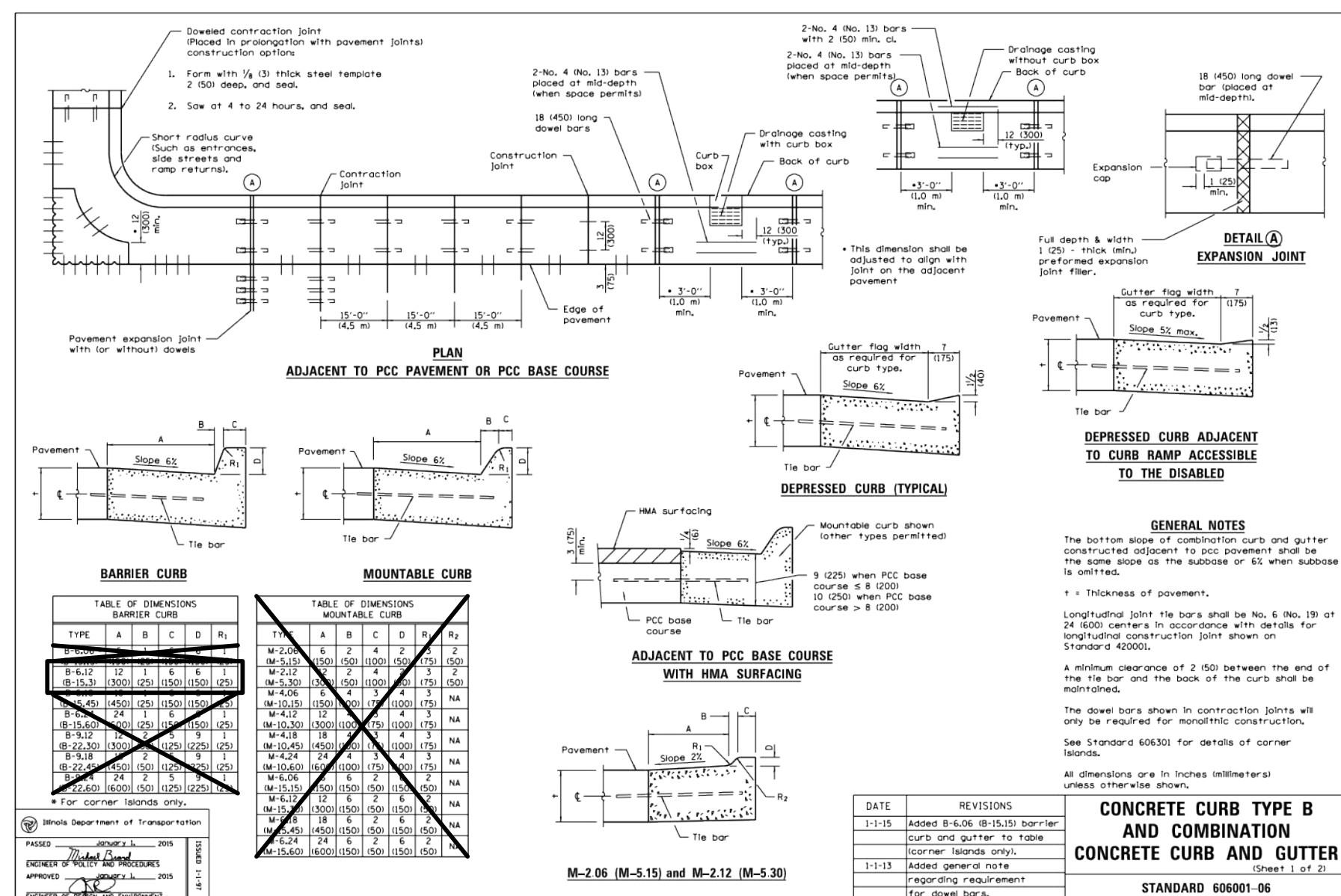


ACCESSIBLE PARKING SIGN
WITH \$250 FINE SIGN
MUTCD R7-8, 12"x18"
L. STD. R7-101, 12"x18"

ACCESSIBLE PARKING SIGN



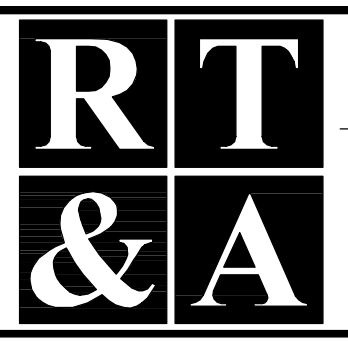
NOTE:
1.) A.D.A. PARKING SYMBOL SHALL BE PAINTED WITH HIGH VISIBILITY YELLOW PAINT.



NOTE: ALL NEW CURB AND GUTTER TO TIE INTO EXISTING CURB AND GUTTER SHALL BE DOWELED TOGETHER. THREE (3) DRILLED AND GROUTED No. 5 REINFORCING BARS OR EXPANSION TIE ANCHORS, 5/8" IN DIAMETER, SHALL BE USED TO TIE THE NEW CURB AND GUTTER TO THE EXISTING CURB AND GUTTER.

REVISIONS			REVISIONS		
No.	DATE	DESCRIPTION	No.	DATE	DESCRIPTION
0	6-30-2015	ISSUED FOR BID PACKAGE 1			

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 3-04-2015
FIELD BOOK: JUC3, P. 7-9
DRAWN BY: R.P.
CHECKED BY: J.H.



Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
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website: www.ruettigertonnelli.com

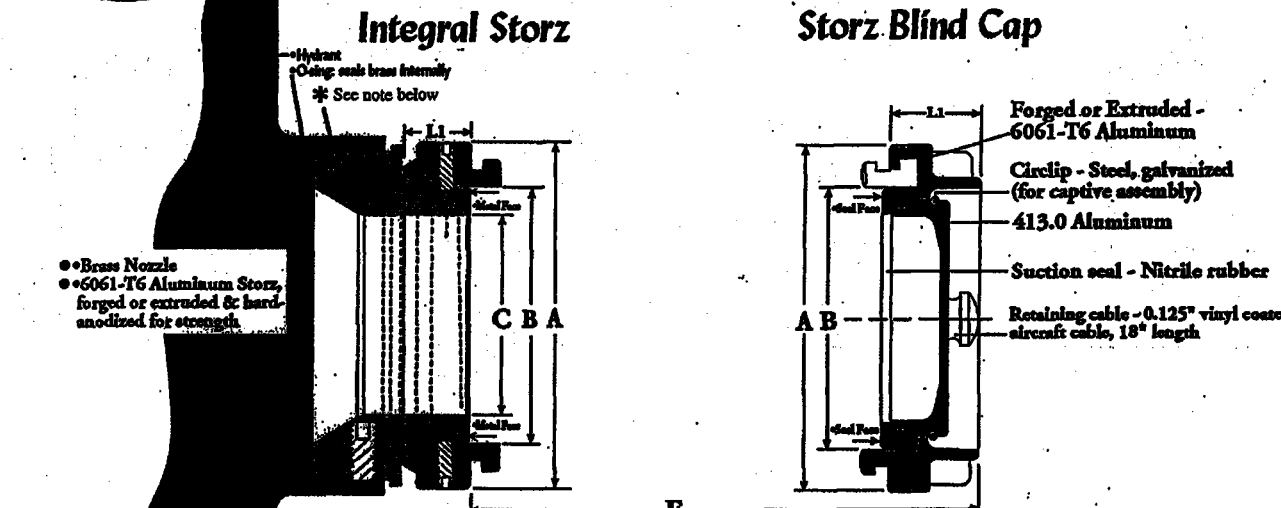
PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
ROMEORVILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEORVILLE, ILLINOIS 60446**

DRAWING TITLE:
**BID PACKAGE 1
CONSTRUCTION DETAILS
(2 OF 3)**

DRAWING No.
315-0053-C1
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 30 OF 31

VILLAGE CONTACT INFORMATION:
MR. JONATHAN ZABROCKI, P.E.
c/o VILLAGE OF ROMEORVILLE
615 ANDERSON DRIVE
ROMEORVILLE, ILLINOIS 60446
PHONE: (815) 866-1870

Specifications & Dimensions for HIHS™
Harrington Integral Hydrant Storz™



Nominal Dimensions (in inches)					
Hydrant Storz	A	B	C	E	L1
4" Storz	6.14	4.52	3.54	1.50	1.12
5" Storz	7.71	5.84	4.54	1.68	1.19

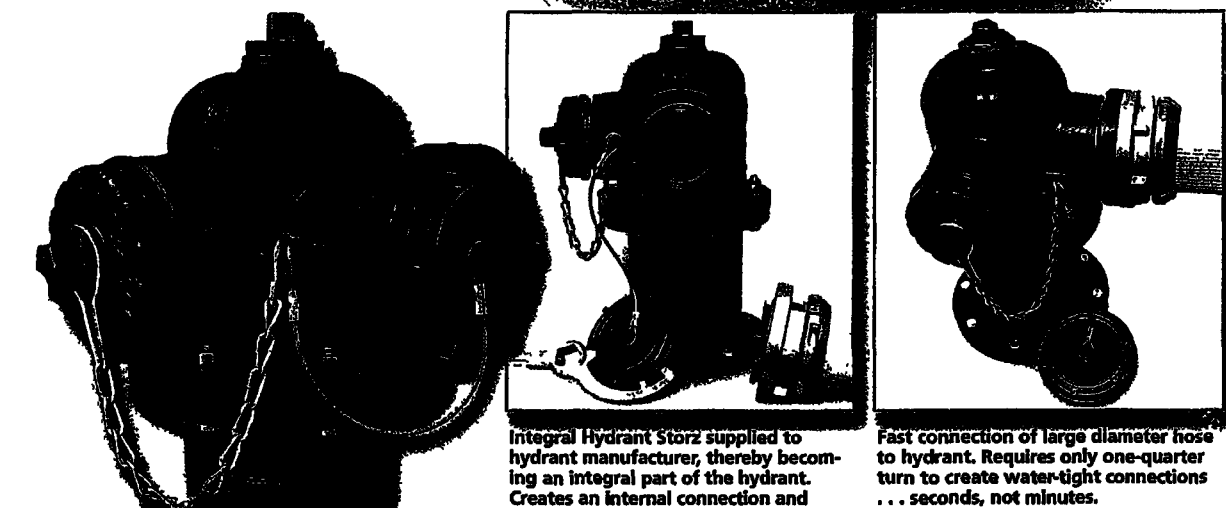
Hydrant connection from:
 • 6061-T6 Aluminum Storz, forged or extruded to last method of connection.
 • 6061-T6 Aluminum Storz, forged or extruded to last method of connection.
 • 6061-T6 Aluminum Storz, forged or extruded to last method of connection.
 • 6061-T6 Aluminum Storz, forged or extruded to last method of connection.

* Connection methods of the brass nozzle on current hydrant models vary. A thread type (as shown above) or a lug type are used. No two hydrant manufacturers use identical connection methods. Harrington offers HIHS™ for all current hydrants.

Harrington, Inc.
 Fire Protection Specialists
 2630 West 21st Street, Erie, PA 16506
 Phone: 1.800.553.0078 • Fax: 814.838.7339
 www.harrinc.com • E-mail: info@harrinc.com

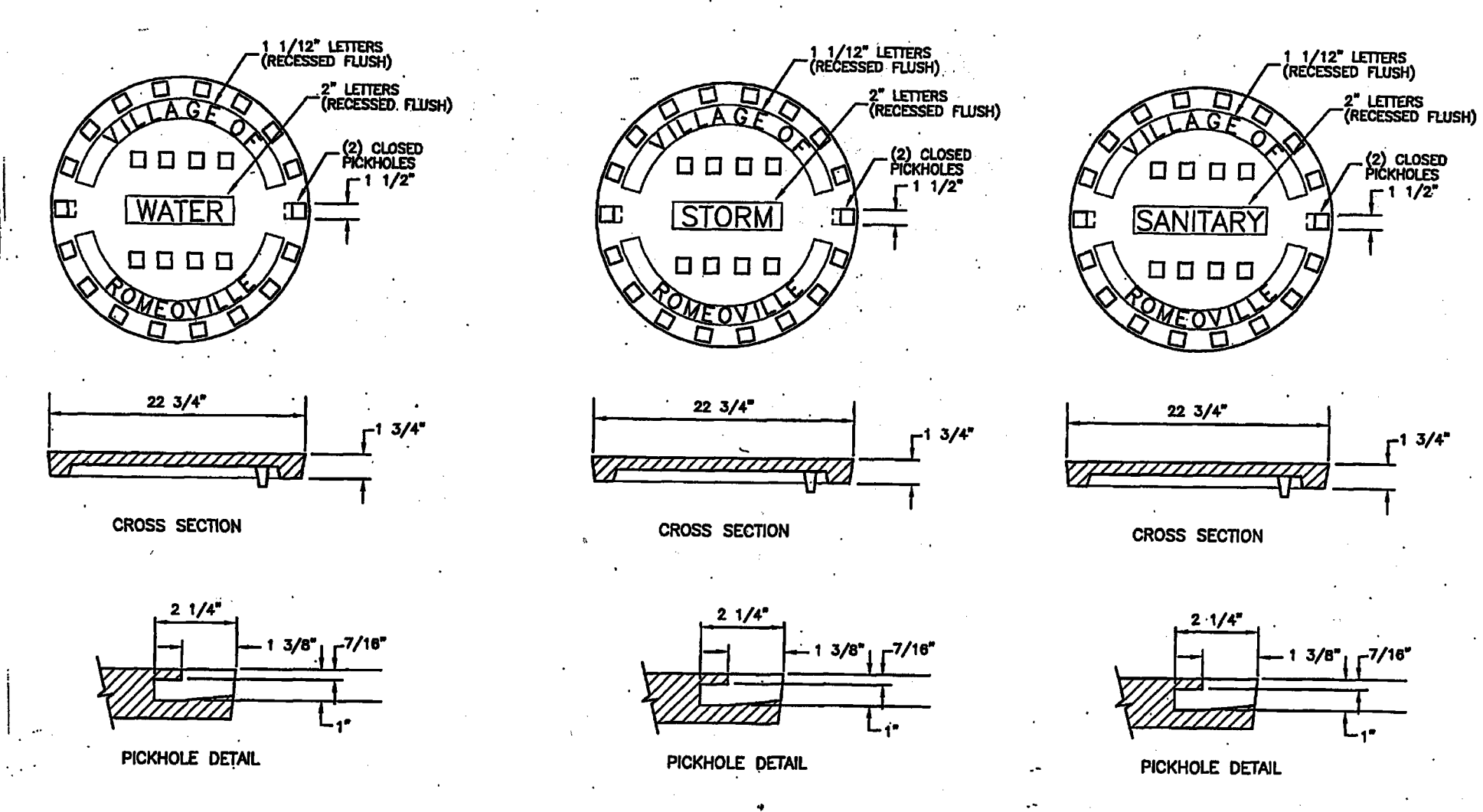
Fight the Fire... Not the Connections™!

Harrington Integral Hydrant Storz™
 Harrington's Integral Hydrant Storz™ is the only hydrant connection system that allows firefighters to connect their hose to your hydrant in seconds. We have designed this connection system to be an integral part of your hydrant. We have designed this connection system to be an integral part of your hydrant. We have designed this connection system to be an integral part of your hydrant.



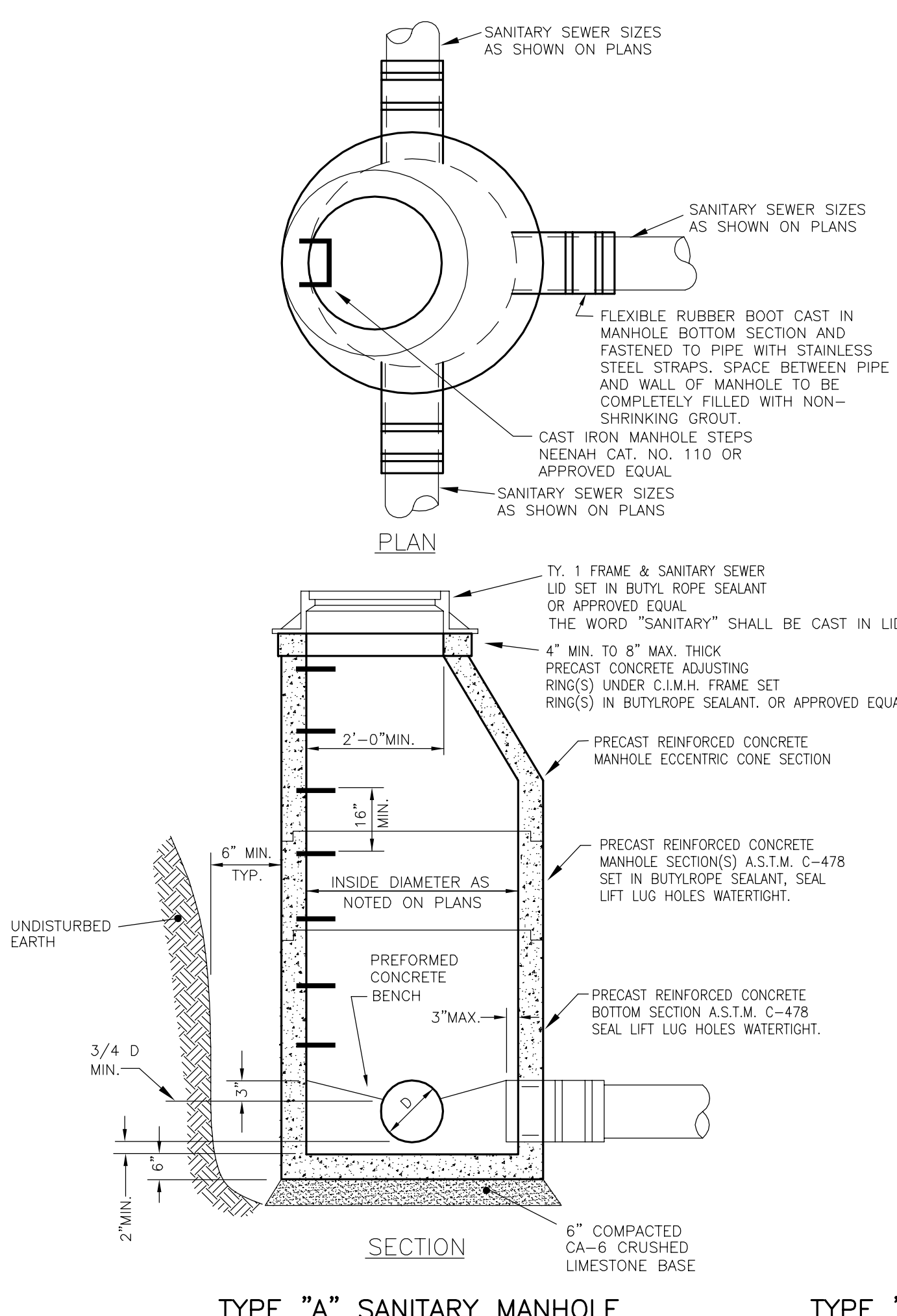
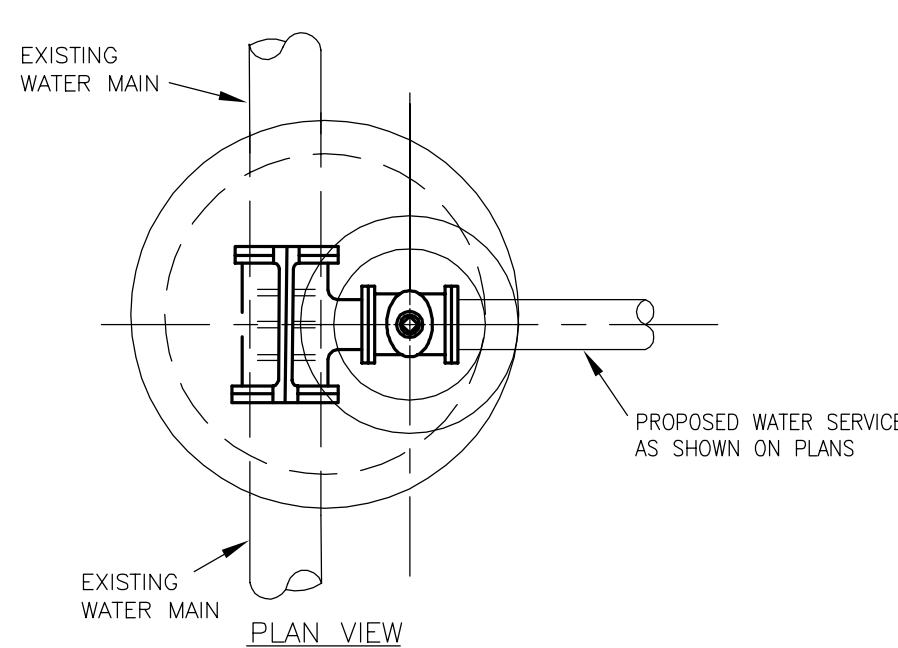
- Quick Connection**
 - Saves time, lives, money, water and aggravation
 - Minimizes extension from the hydrant
 - Minimizes flow loss
 - Maintains AWWA standards
 - Resists corrosion
 - Maximizes flow rate
 - Minimizes maintenance
 - Maximizes seal life
- Internal Connection**
 - Reduces damage risk
 - Maximizes hydrant clearance
 - Less installation space
 - Exceeds AWWA pressure testing standards
 - Assures long-term field reliability
 - Resists abrasion and damage from tools and field use
 - Safeguards against unauthorized removal, vandalism and theft
 - Requires Storz Spanner Wrench
- Uninterrupted Brass Waterway**
 - Shortest Extension Length Available
 - Highest Strength for Hydrant Life
 - Temp-proof Cap Removal
- Brass Metal Face Seal**

Specify Harrington's Integral Hydrant Storz from
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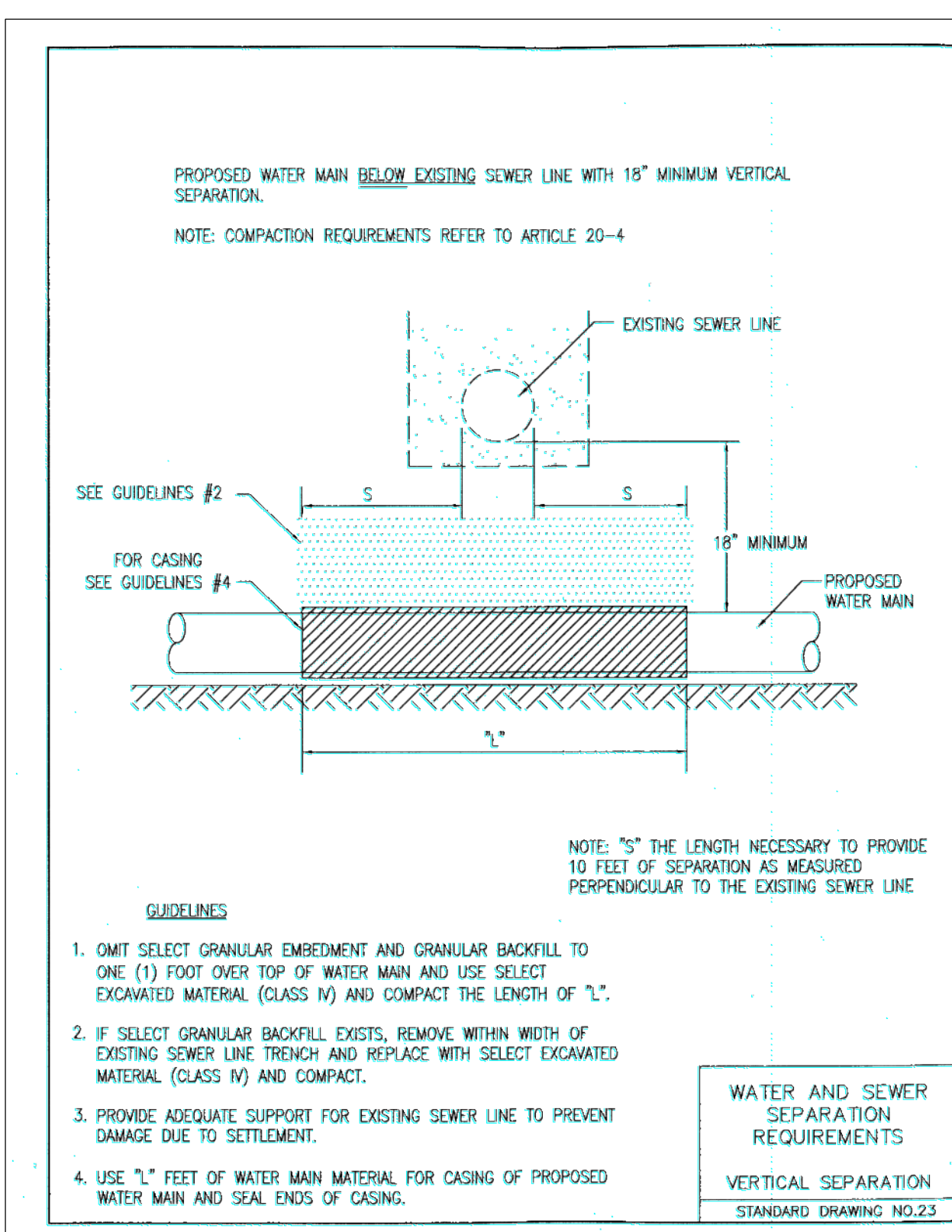


NOTE: FRAME AND CLOSED LIDS FOR UTILITY STRUCTURES SHALL BE EAST JORDAN #102223 EMBOSSED WITH 102DA HD "WATER", "STORM", OR "SANITARY", AND "VILLAGE OF ROMEOVILLE".

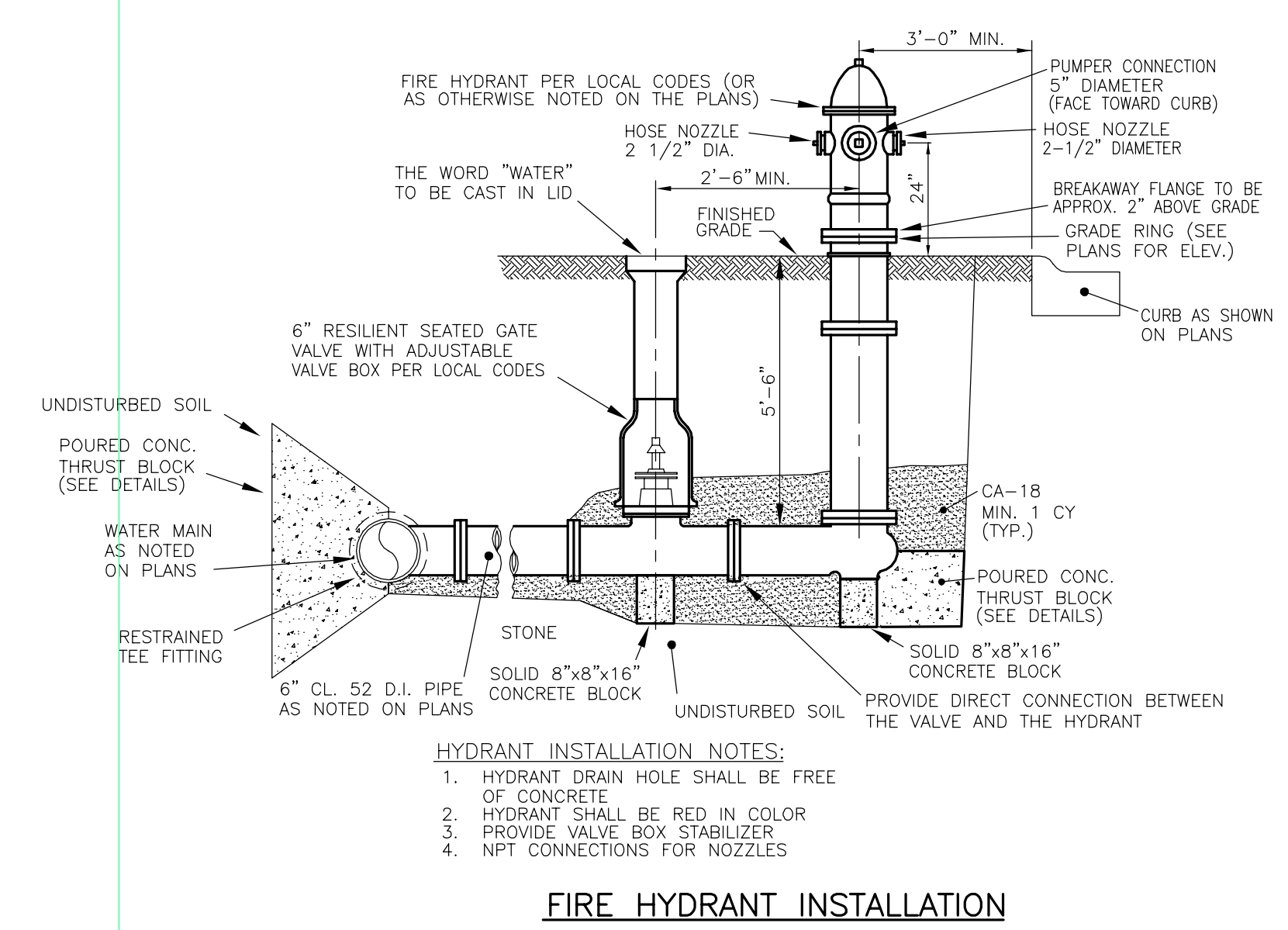
- Village of Romeoville - Minimum chlorination standards:**
- Gas chlorine must be used for disinfection.
 - The chlorination contractor must call 815-886-1870 a minimum of 24-hours in advance to schedule chlorination.
 - Only Village of Romeoville employees shall operate water system valves and turn on/off sampling whips while samples are being collected.
 - All chlorination and safety equipment must meet or exceed the standards and recommendations set by The Chlorine Institute, Inc.
 - The chlorinator must be a licensed plumber or certified Illinois water operator with a minimum of 5 years experience working with chlorine disinfection of water supply lines.
 - The chlorination contractor must have two people present top chlorinate. One to monitor the cylinder and one to monitor in the field.
 - The chlorination contractor must be bonded and insured, and have proof of both on file with the Village.
 - The chlorination contractor must have updated 24-hour emergency phone numbers on file with the Village.
 - The chlorination contractor must comply with state and federal regulations regarding transportation and handling of chlorine cylinders:
 - Shipping and emergency papers for every job location
 - Proof of insurance for hauling and handling chlorine gas
 - Commercial driver's license with Hazmat endorsement and medical card
 - Copy of Emergency Response Guidebook in vehicle
 - Hazmat certificate of registration
 - Hazardous materials placard displayed on vehicle
 - Cylinder strapped upright in truck
 - Under no circumstances will chlorine contractors be allowed to apply heat to the chlorine cylinder (i.e. hot baths, propane torches, etc.). While the cylinder is being used it must be in a vertical position, as well as being affixed to a solid object.
 - Prior to chlorination, the chlorination contractor must provide a detailed written chlorination and flushing plan to the Village for review and written approval.
 - At any time, the Village or its authorized representative may ask for proof of any or all of the above information. Please contact the Village of Romeoville Public Works Department (815-886-1870) with any questions.



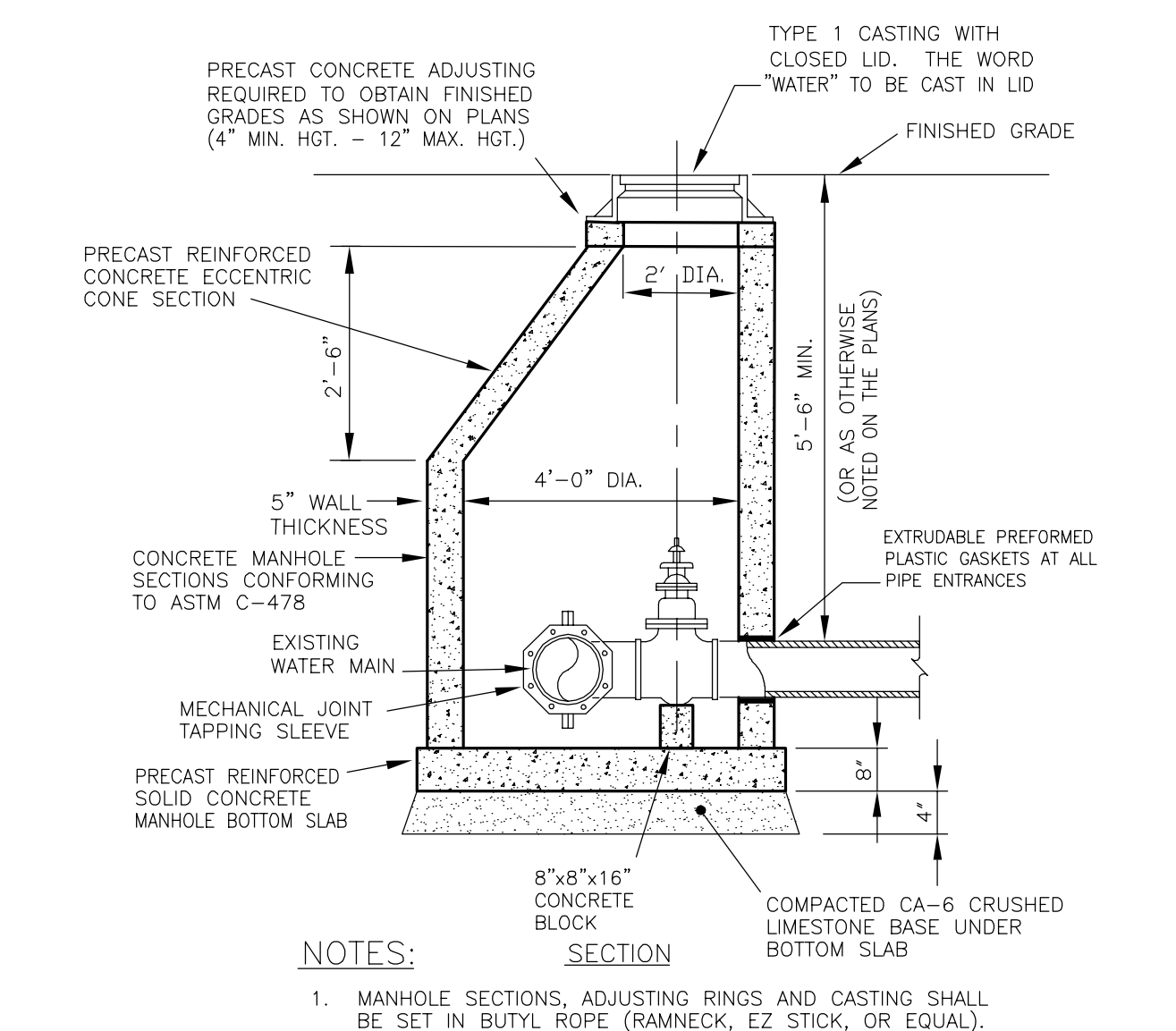
- MANHOLE NOTES:**
- CONTRACTOR TO USE ADAPTOR INC. INTERNAL/EXTERNAL ADAPTOR SEAL ON SANITARY SEWER MANHOLES.
 - EACH MANHOLE CONE AND BARREL SECTION JOINT SHALL BE EXTERNALLY SEALED WITH A 6" WIDE SEALING BAND OF RUBBER AND MASTIC. THE BAND SHALL HAVE AN OUTER LAYER OF RUBBER OR POLYETHYLENE WITH AN UNDER LAYER OF RUBBERIZED MASTIC MEETING REQUIREMENTS OF ASTM C-977-02.
 - PIPE CONNECTIONS TO NEW AND EXISTING MANHOLES THROUGH OPENINGS (CAST OR CORE DRILLED) SHALL BE PROVIDED WITH FLEXIBLE RUBBER WATER-TIGHT CONNECTOR CONFORMING TO ASTM C-923.



- GUIDELINES:**
- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
 - IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
 - PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
 - USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.



- FIRE HYDRANT INSTALLATION NOTES:**
- HYDRANT DRAIN HOLE SHALL BE FREE OF CONCRETE
 - HYDRANT SHALL BE RED IN COLOR
 - PROVIDE VALVE BOX STABILIZER
 - WFT CONNECTIONS FOR NOZZLES



- NOTES:**
- MANHOLE SECTIONS, ADJUSTING RINGS AND CASTING SHALL BE SET IN BUTYL ROPE (RAMNECK, EZ STICK, OR EQUAL). ALL LIFT HOLES AND INTERIOR JOINTS SHALL BE SEALED WITH NON-SHRINK GROUT.
 - VALVE MUST ALIGN WITH CENTER OF VAULT OPENING.

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 c/o VILLAGE OF ROMEOVILLE
 615 ANDERSON DRIVE
 ROMEOVILLE, ILLINOIS 60446
 PHONE: (815) 866-1870

REVISIONS

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0	6-30-2015	ISSUED FOR BID PACKAGE 1	R.P.

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