

SURVEILLANCE CAMERA CONDUIT ROUTING DETAIL
SCALE: NTS

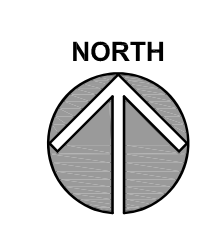
KEYNOTES

- 26.101 PROVIDE 18" X 18" X 18" DEEP HANDHOLE FOR SURVEILLANCE CAMERA CABLING.
- 26.102 PROVIDE (2) 1" CONDUITS FROM HANDHOLE TO EXISTING POLE BASE FOR SURVEILLANCE CAMERA CABLING. SEE DETAIL # 2 ON THIS SHEET FOR ADDITIONAL INFORMATION.
- 26.103 PROVIDE 12" X 12" X 12" DEEP HANDHOLE FOR CHARGING STATION POWER. PROVIDE (1) 1-1/4" BETWEEN HANDHOLES.
- 26.104 PROVIDE DIRECTIONAL BORING FOR ALL NEW UNDERGROUND CONDUITS.
- 26.105 PATCH AND REPAIR SOIL SURROUNDING HANDHOLES. PLANT SEED TO RESTORE TURF.

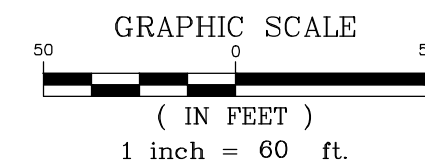
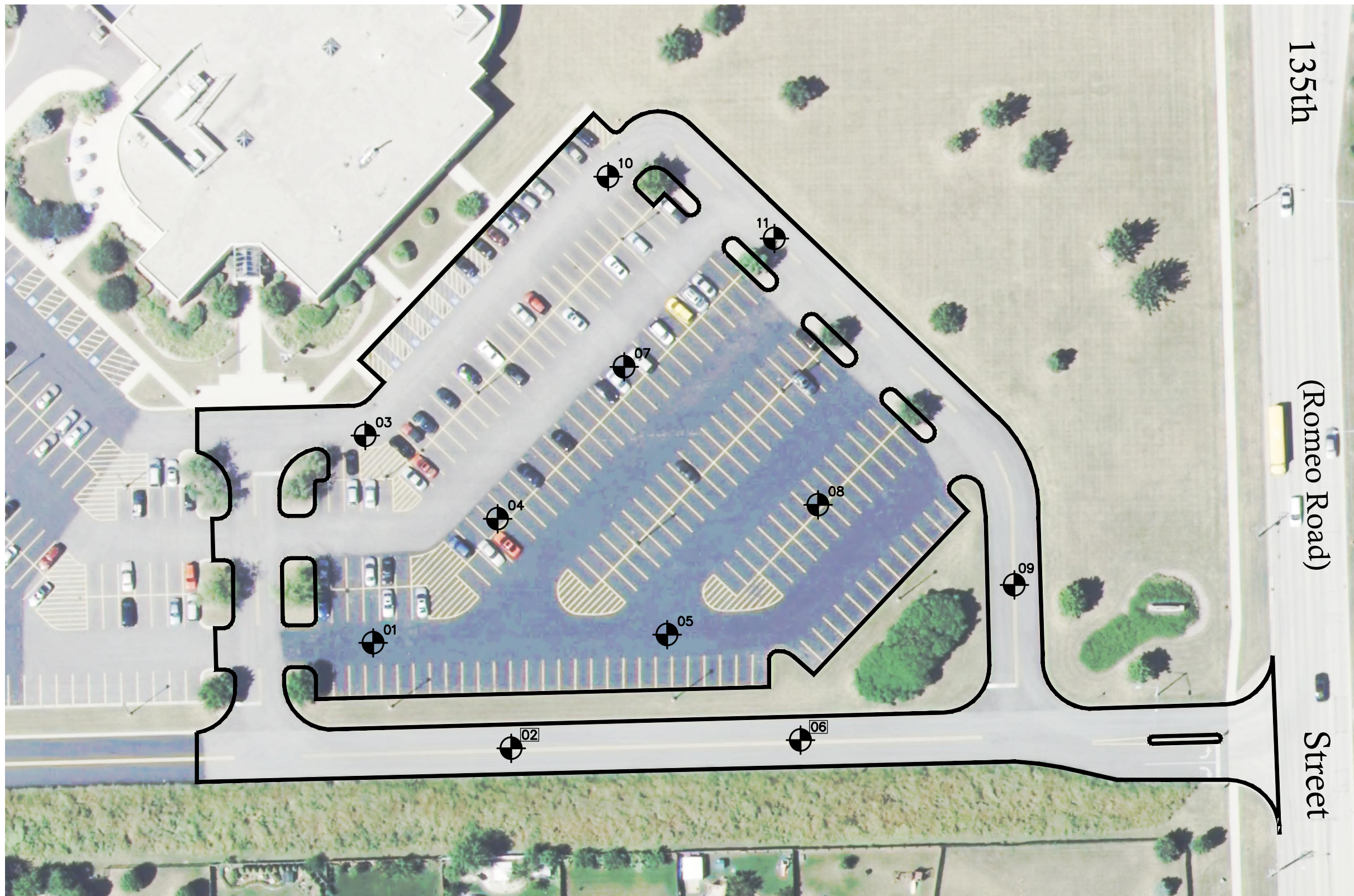
GENERAL NOTES

1. INTENT OF DRAWINGS: THESE DRAWINGS ARE INTENDED TO RELAY TO CONTRACTOR A DESIGN INTENT. INCLUDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS REASONABLY INFERRABLE, AS DETERMINED BY ARCHITECT/ENGINEER, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
2. COORDINATE PARKING LOT RENOVATIONS, INCLUDING DIRECTIONAL BORING, CUTTING AND PATCHING, WITH CIVIL ENGINEER.
3. ELECTRICAL CONTRACTOR SHALL UTILIZE DIRECTIONAL BORING FOR MOST UNDERGROUND CONDUITS.
4. STAKE AND FLAG LOCATIONS OF KNOWN UTILITIES. CONTRACTOR SHALL EMPLOY AND PAY FOR THE SERVICES OF A UTILITY LOCATING SERVICE TO LOCATE PRIVATE UTILITIES. CONTACT JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE 800-892-0123) BEFORE THE START OF EXCAVATING WORK TO ENSURE THAT ALL EXISTING UTILITIES (PUBLIC AND PRIVATE) ON THE PROPERTY ARE LOCATED AND PROPERLY PROTECTED.

ELECTRICAL SITE PLAN
SCALE: 1" = 30'-0"



ISSUED	
12/11/13	ISSUED FOR BID
JOB NO.	13-292-861
DRAWN	MTK
CHECKED	MTK
APPROVED	MTK
SHEET TITLE	
ELECTRICAL SITE PLAN	
SHEET NUMBER	
E101	



LEGEND

PROPOSED SOIL BORING LOCATION

TOTAL PROJECT AREA = 13,023.94 s.y.

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	10-07-2013	AMENDED VIEW LIMITS	R.P.
2	10-22-2013	AMENDED TITLE & CONTENTS	R.P.
3	11-18-2013	AMENDED TITLE & CONTENTS	R.P.

DOCUMENTATION:
 PROJ. No.: 20121330.00
 DATE: 01-16-2013
 FIELD BOOK:
 PAGE:
 DRAWN BY: R.M.
 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.ruettigertonelli.com

PREPARED FOR:

JOLIET JUNIOR COLLEGE
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431

DRAWING TITLE:

J.J.C. ROMEOVILLE CAMPUS
PROJECT LIMITS

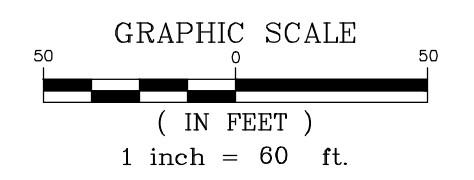
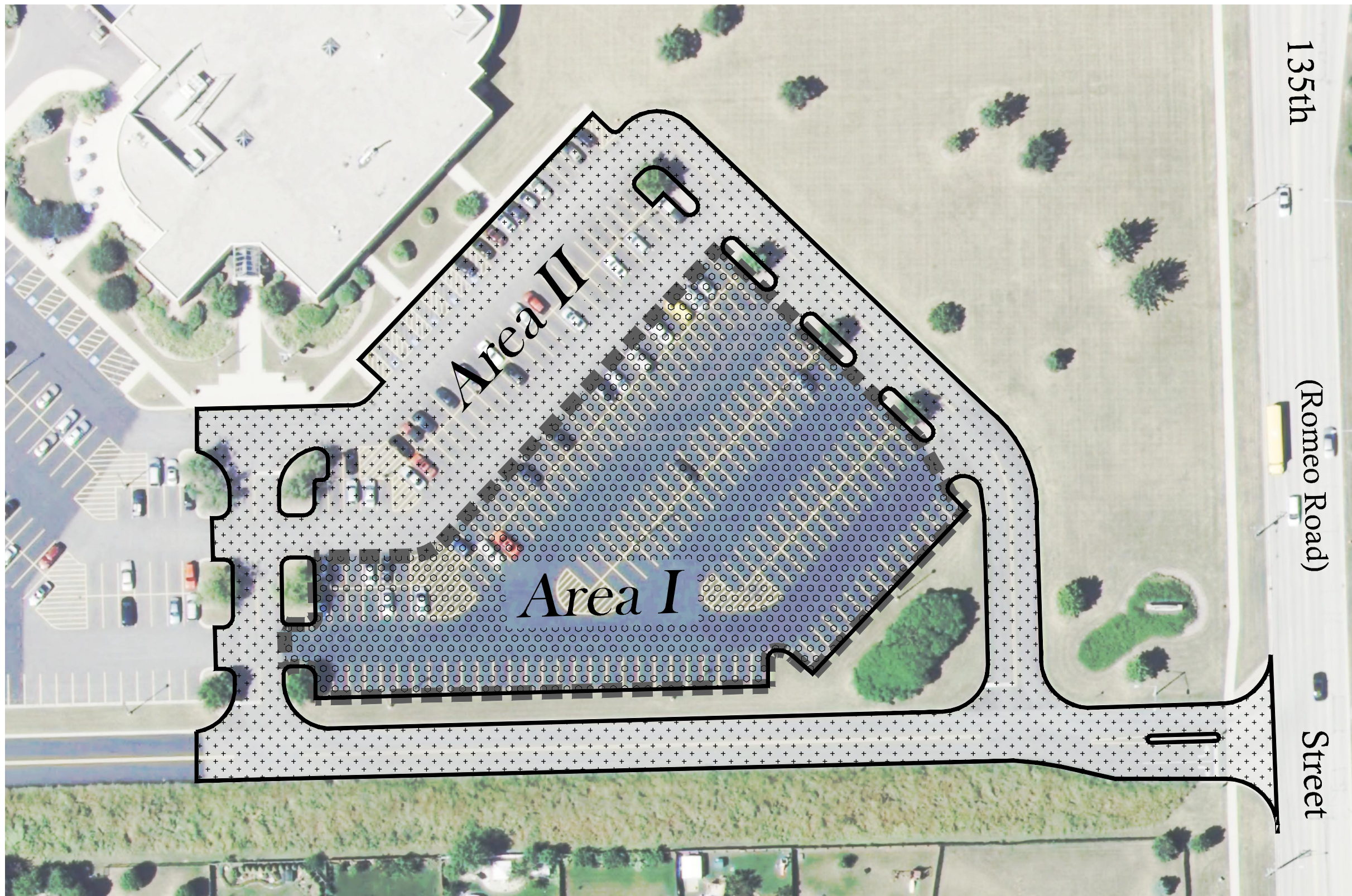
DRAWING No.:

2012-1330-E01

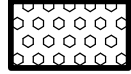
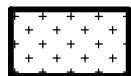
SCALE:

AS NOTED

SHEET 1 OF 1

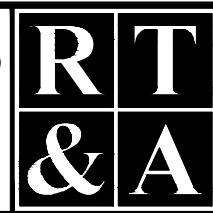


LEGEND

-  Area I = 5,723 s.y.
Reconstruction
-  Area II = 7,301 s.y.
Grind and Overlay

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	10-22-2013	AMENDED CONTENTS	R.P.
2	11-18-2013	AMENDED CONTENTS	R.P.

DOCUMENTATION:
 PROJ. No.: 20121330.00
 DATE: 10-07-2013
 FIELD BOOK:
 PAGE:
 DRAWN BY: R.P.
 CHECKED BY: J.H.

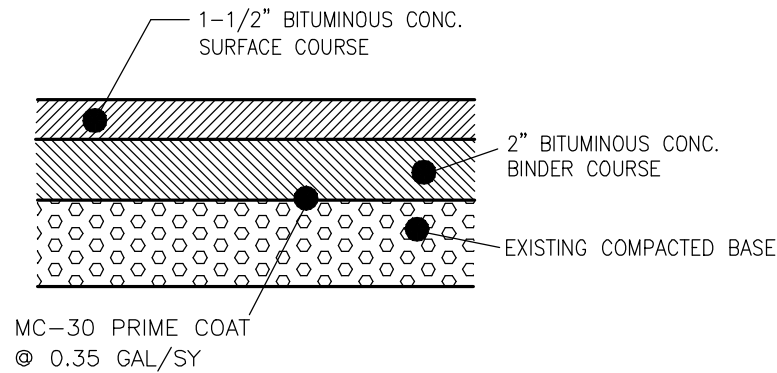


Ruettiger, Tonelli & Associates, Inc.
 Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
 129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
 PH. (815) 744-6600 FAX (815) 744-0101
 website: www.ruettigertonelli.com

PREPARED FOR:
JOLIET JUNIOR COLLEGE
 1215 HOUBOLT ROAD
 JOLIET, ILLINOIS 60431

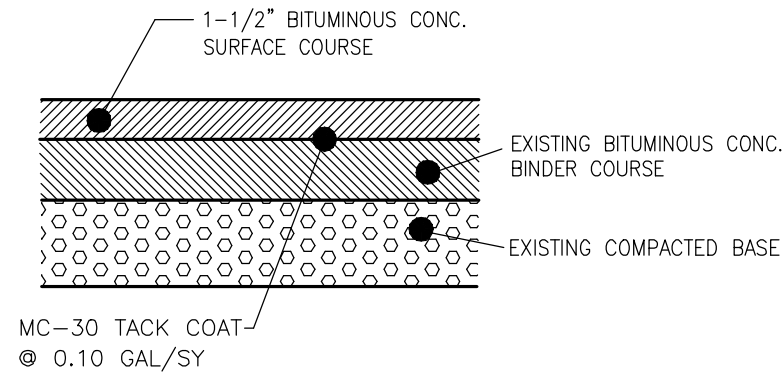
DRAWING TITLE:
J.J.C. ROMEOVILLE CAMPUS
PROPOSED
CONSTRUCTION LIMITS
NORTH PARKING AREA

DRAWING No.:
 2012-1330-E02
 SCALE: AS NOTED
SHEET 1 OF 1



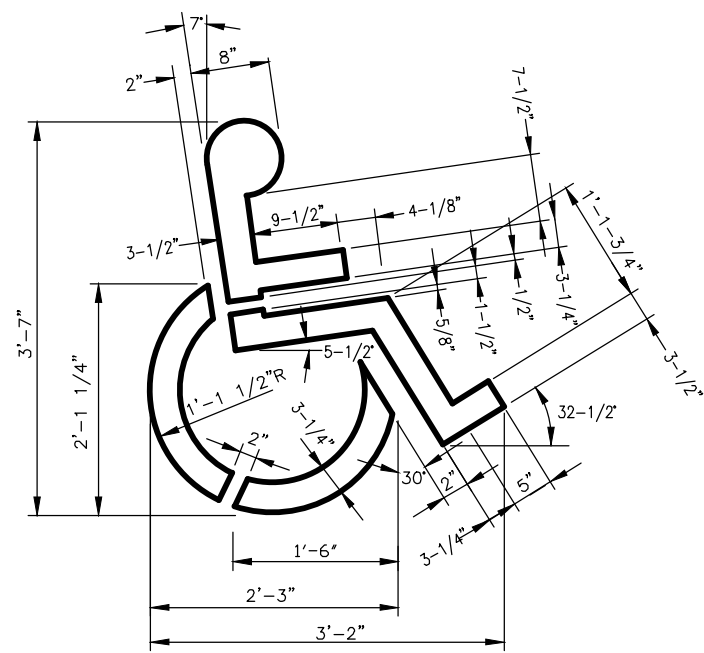
NOTE:
ALL EXISTING FILL AND BASE MATERIALS TO BE RE-USED MUST BE TESTED AND COMPACTED AS REQUIRED TO MEET MINIMUM REQUIREMENTS.

PROPOSED LIGHT DUTY PAVEMENT SECTION (AREA I AND TRENCH AREAS)
NOT TO SCALE



NOTE:
CONTRACTOR SHALL GRIND/MILL 1.5" OF EXISTING BITUMINOUS PAVEMENT AND CONSTRUCT NEW 1.5" BITUMINOUS SURFACE.

PROPOSED PAVEMENT SECTION (AREA II)
NOT TO SCALE

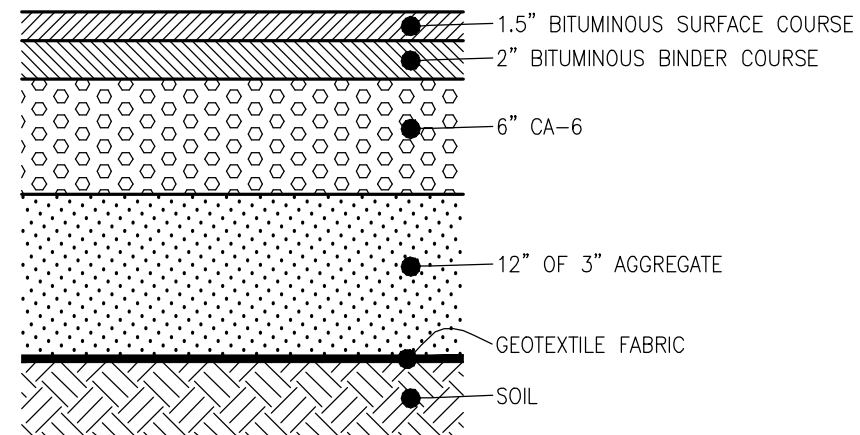


PAINT TO BE IDOT STD. WHITE OR THERMOPLASTIC EQUIVALENT

NOTE:

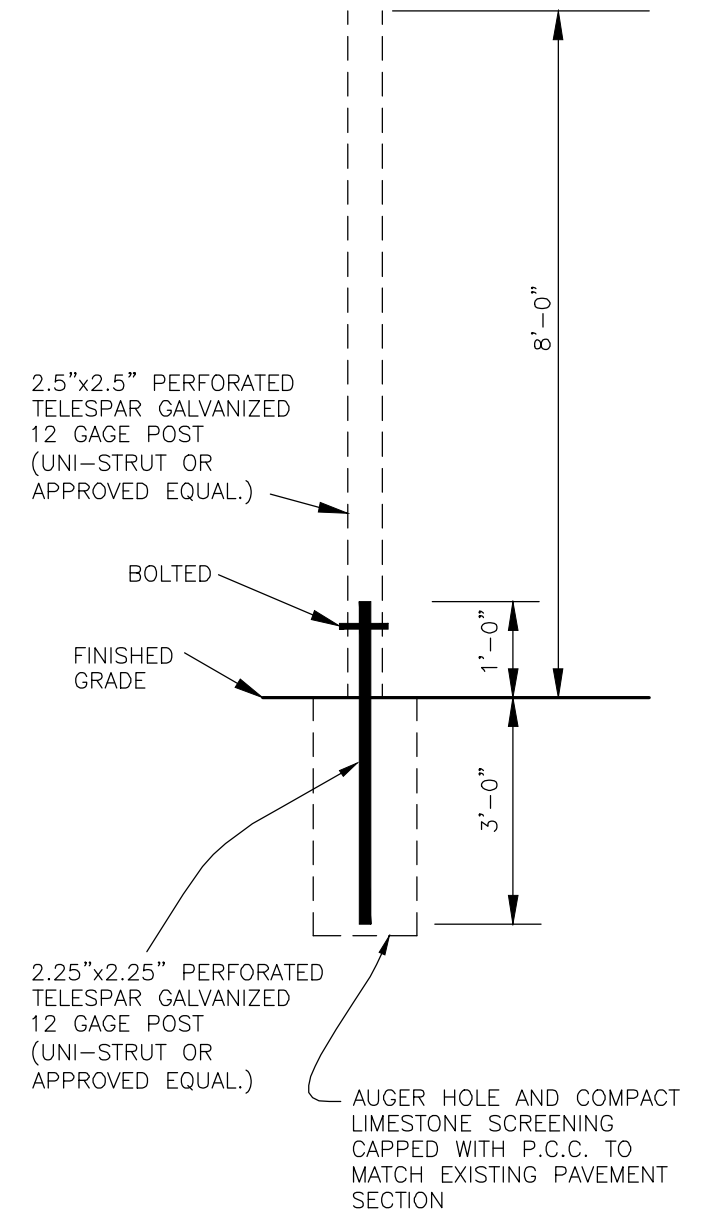
1.) A.D.A. PARKING SYMBOL SHALL BE PAINTED ON A BLUE 4 FOOT WIDE BY 5 FOOT HIGH BOX.

A.D.A. PARKING SYMBOL
NOT TO SCALE



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

UNDERCUT PAVEMENT CROSS SECTION
NOT TO SCALE



TYPICAL SIGN INSTALLATION
NOT TO SCALE

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	10-22-2013	AMENDED CONTENTS	R.P.
2	11-18-2013	AMENDED CONTENTS	R.P.

DOCUMENTATION:
PROJ. No.: 20121330.00
DATE: 10-07-2013
FIELD BOOK:
PAGE:
DRAWN BY: R.P.
CHECKED BY: J.H.



Ruettiger, Tonelli & Associates, Inc.

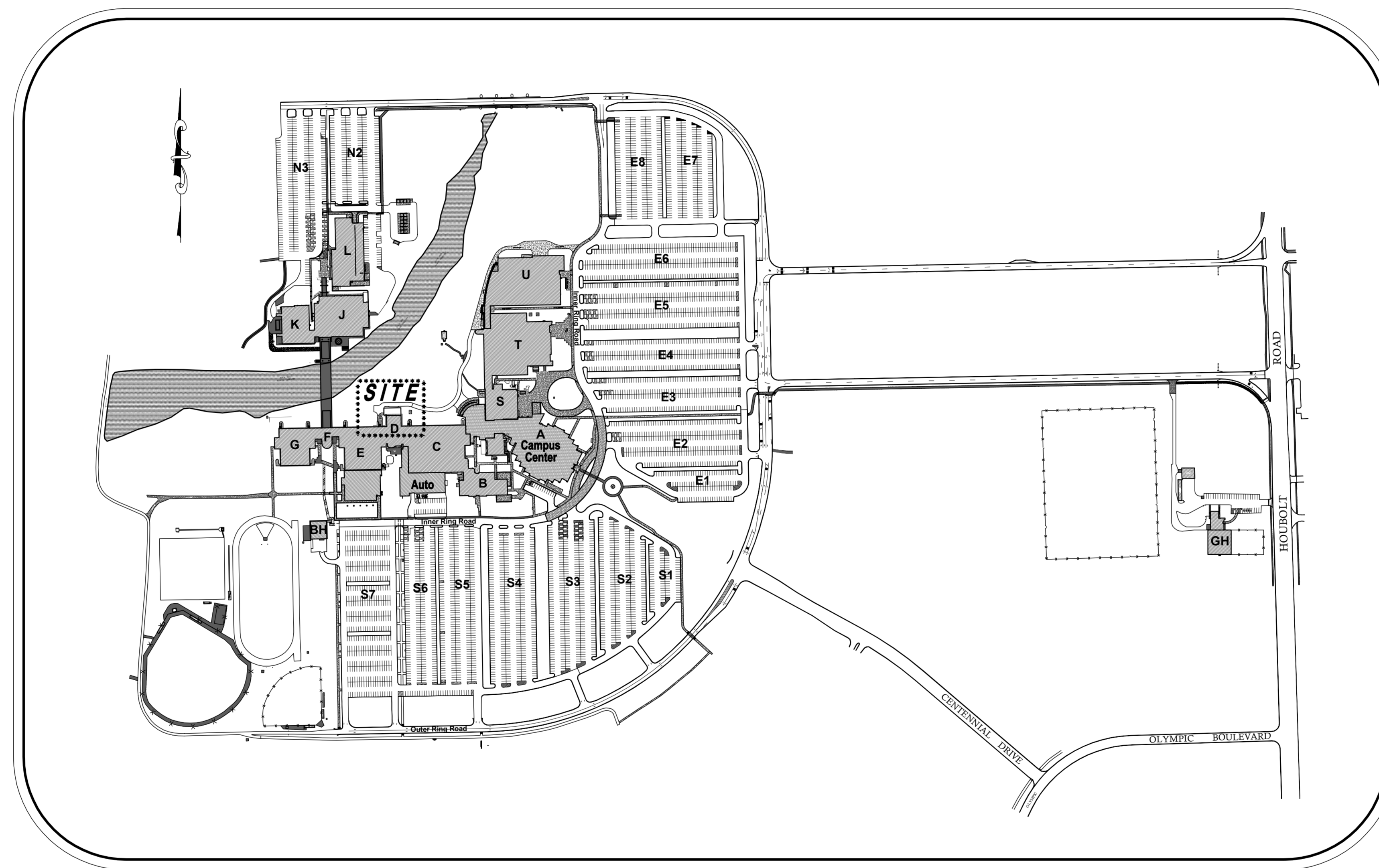
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

PREPARED FOR:
JOLIET JUNIOR COLLEGE
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431

DRAWING TITLE:
J.J.C. ROMEOVILLE CAMPUS
A.D.A. PAVEMENT MARKINGS
& TYPICAL PAVEMENT
CROSS-SECTIONS
NORTH PARKING AREA

DRAWING No.:
2012-1330-E03
SCALE: AS NOTED
SHEET 1 OF 1

Improvement Plans for **JOLIET JUNIOR COLLEGE** **MAIN CAMPUS - REAR ACCESS DRIVE** City of Joliet Will County, Illinois



SITE LOCATION MAP
SCALE: 1" = 300'

INDEX OF ENGINEERING SHEETS

SHEET No.	DESCRIPTION
1.)	COVER SHEET
2.)	EXISTING CONDITIONS
3.)	PROPOSED GRADING PLAN AND EROSION CONTROL PLAN
4.)	PROPOSED GEOMETRY PLAN
5.)	GENERAL NOTES AND CONSTRUCTION DETAILS

INDEX OF LANDSCAPING SHEETS

SHEET No.	DESCRIPTION
1.)	LANDSCAPING PLAN
2.)	LANDSCAPING SPECIFICATIONS & DETAILS

*Call
Before
You Dig*

J.U.L.I.E.
ILLINOIS
ONE-CALL SYSTEM

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.

LAND SURVEYOR / ENGINEER:

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

OWNER / DEVELOPER:

JOLIET JUNIOR COLLEGE
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431
Ph. (815) 729-9020

SITE BENCHMARK 1:
HEAD BOLT ON FIRE HYDRANT THAT ARROW POINTS TO, LOCATED APPROXIMATELY 740' SOUTH OF MAIN CAMPUS EXT ROAD ONTO HOUBOLT ROAD.
ELEVATION: 607.75 (NAVD 88)

SITE BENCHMARK 2:
HEAD BOLT ON FIRE HYDRANT THAT ARROW POINTS TO, LOCATED APPROXIMATELY 305' SOUTH OF MAIN CAMPUS EXT ROAD ONTO HOUBOLT ROAD.
ELEVATION: 601.09 (NAVD 88)

FIELD VERIFY BENCHMARK WITH BENCHMARK LIST.

REVISIONS						
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION
1	11-18-2013	REVISED PER CLIENT REVIEW	R.P.			
2	12-09-2013	REVISED PER CLIENT REVIEW	R.P.			
3	2-05-2014	REVISED PER JOLIET JUNIOR COLLEGE	R.P.			

DOCUMENTATION:
PROJECT No.: 20121330.00
DATE: 10-08-2013
FIELD BOOK:
DRAWN BY: R.P.
CHECKED BY: J.H.

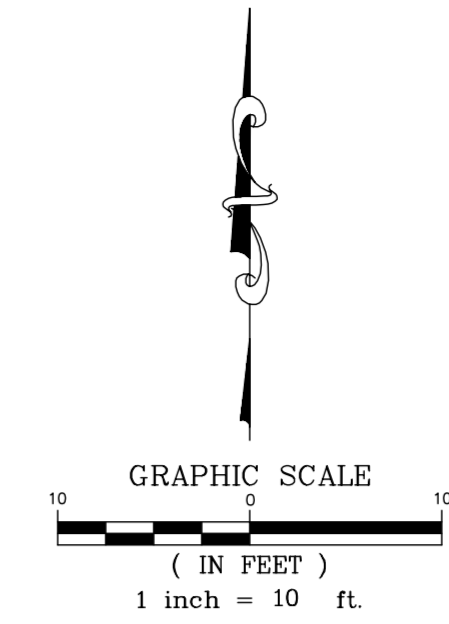
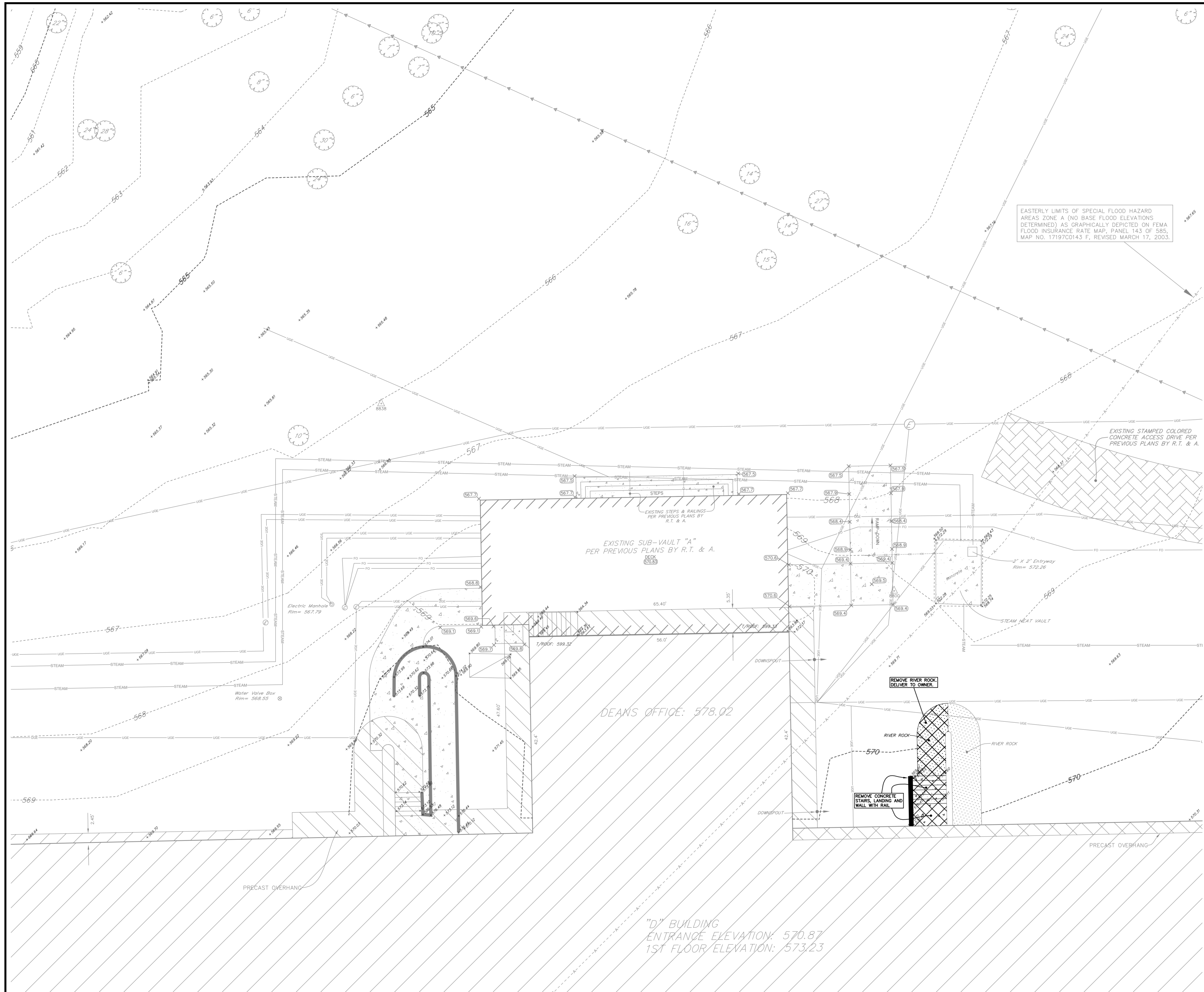
Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
MAIN CAMPUS - REAR ACCESS DRIVE**
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431

DRAWING TITLE:
COVER SHEET

DRAWING No.
312-1330-C2
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 1 OF 5

N:\Temp\2012\1330\Engineering\Plan_Sheet2 - JJC Main Campus Rear Parking 01 - Cover Sheet.dwg, Layout: 2/26/2014, 3:25:40 PM, Rjw/ghs



EASTERLY LIMITS OF SPECIAL FLOOD HAZARD AREAS ZONE A (NO BASE FLOOD ELEVATIONS DETERMINED) AS GRAPHICALLY DEPICTED ON FEMA FLOOD INSURANCE RATE MAP, PANEL 143 OF 585, MAP NO. 17197C0143 F, REVISED MARCH 17, 2003.

LEGEND	
XXXXXX	EXISTING ELEVATION
XXXXXX	PROPOSED ELEVATION PER PREVIOUS PLANS
---	EXISTING CONTOUR
---	EXISTING STORM SEWER
⊙	EXISTING MANHOLE
⊙	EXISTING ELECTRIC HANDHOLE
⊙	EXISTING CABLE T.V. HANDHOLE
---	EXISTING UNDERGROUND ELECTRIC
---	EXISTING UNDERGROUND STEAM HEAT PIPE
---	EXISTING UNDERGROUND FIBER OPTICS LINE
⊙	EXISTING CONTROL MONUMENT
⊙	EXISTING TREE WITH SIZE

EXISTING CONDITIONS SHOWN HEREON ARE FROM SURVEYS BY R.T. & A. (2008-2011) DURING VARIOUS PHASES OF CAMPUS CONSTRUCTION AND FROM PREVIOUSLY PROPOSED IMPROVEMENT PLANS BY R.T. & A. (2008-2011). FIELD VERIFY EXACT LOCATIONS PRIOR TO ANY CONSTRUCTION. EXISTING UNDERGROUND UTILITIES WERE LOCATED BY USING PHYSICAL EVIDENCE, UTILITY COMPANY MAPS AND J.C. LOCATIONS/MAPS AND THEREFORE THEIR LOCATIONS ARE APPROXIMATE AND SUSPECTED AND MAY NOT BE COMPLETELY ACCURATE. FOR MORE ACCURATE LOCATION, FIELD EXCAVATE.

JULIE
ILLINOIS
ONE-CALL SYSTEM

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.

SITE BENCHMARK 1:
HEAD BOLT ON FIRE HYDRANT THAT ARROW POINTS TO, LOCATED APPROXIMATELY 740' SOUTH OF MAIN CAMPUS EXT ROAD ONTO HUSBOLT ROAD.
ELEVATION: 607.75 (NAVD 88)

SITE BENCHMARK 2:
HEAD BOLT ON FIRE HYDRANT THAT ARROW POINTS TO, LOCATED APPROXIMATELY 505' SOUTH OF MAIN CAMPUS EXT ROAD ONTO HUSBOLT ROAD.
ELEVATION: 601.09 (NAVD 88)

FIELD VERIFY BENCHMARK WITH BENCHMARK LIST.

"D" BUILDING
ENTRANCE ELEVATION: 570.87
1ST FLOOR ELEVATION: 573.23

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	11-18-2013	REVISED PER CLIENT REVIEW	R.P.
2	12-09-2013	REVISED PER CLIENT REVIEW	R.P.
3	2-05-2014	REVISED PER JOLIET JUNIOR COLLEGE	R.P.

DOCUMENTATION:
PROJECT No.: 20121330.00
DATE: 10-08-2013
FIELD BOOK:
DRAWN BY: R.P.
CHECKED BY: J.H.



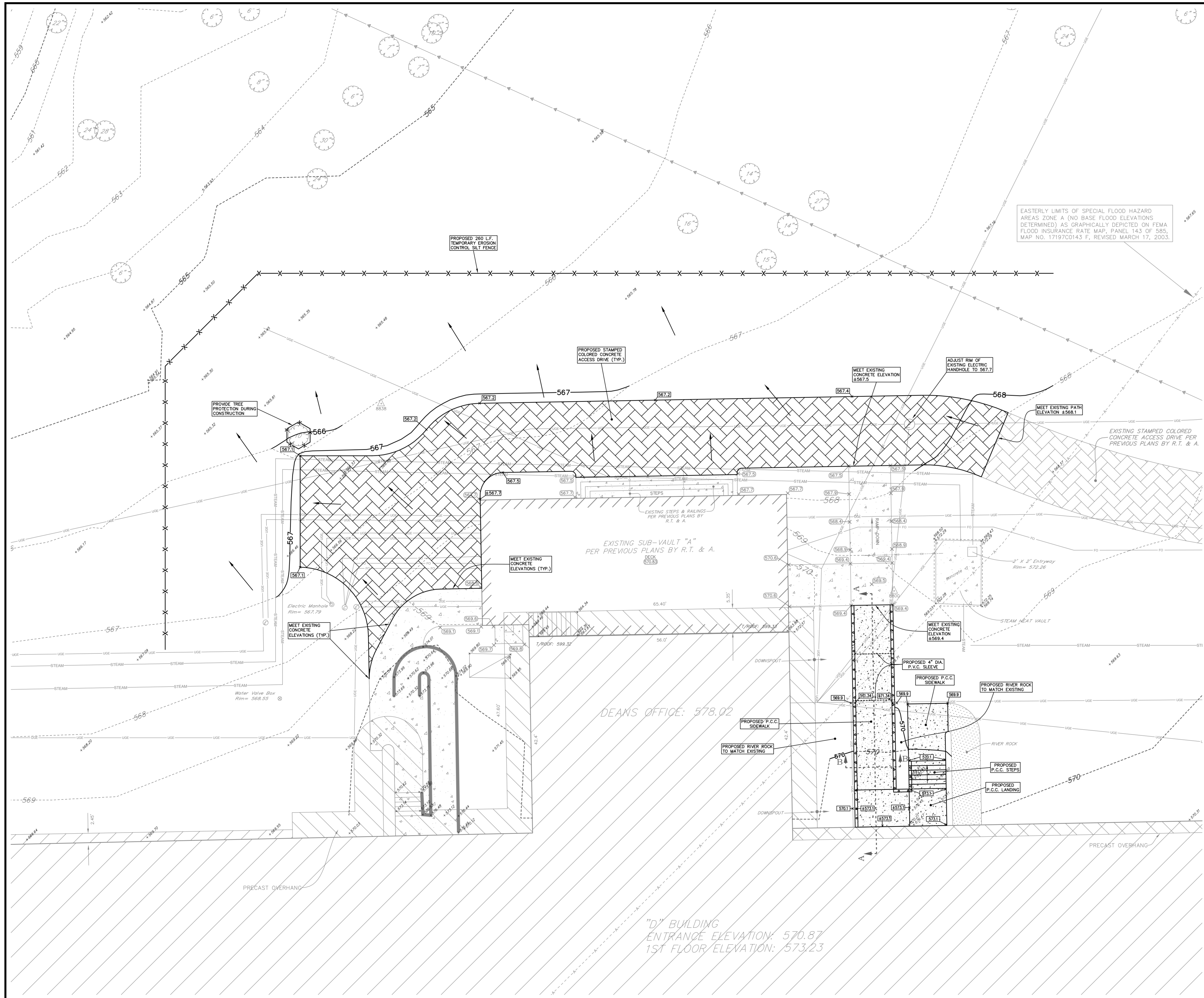
Ruettinger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettingertonelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
MAIN CAMPUS - REAR ACCESS DRIVE**
1215 HUSBOLT ROAD
JOLIET, ILLINOIS 60431

DRAWING TITLE:
**EXISTING CONDITIONS
AND DEMOLITION PLAN**

DRAWING No.
312-1330-C2
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 2 OF 5

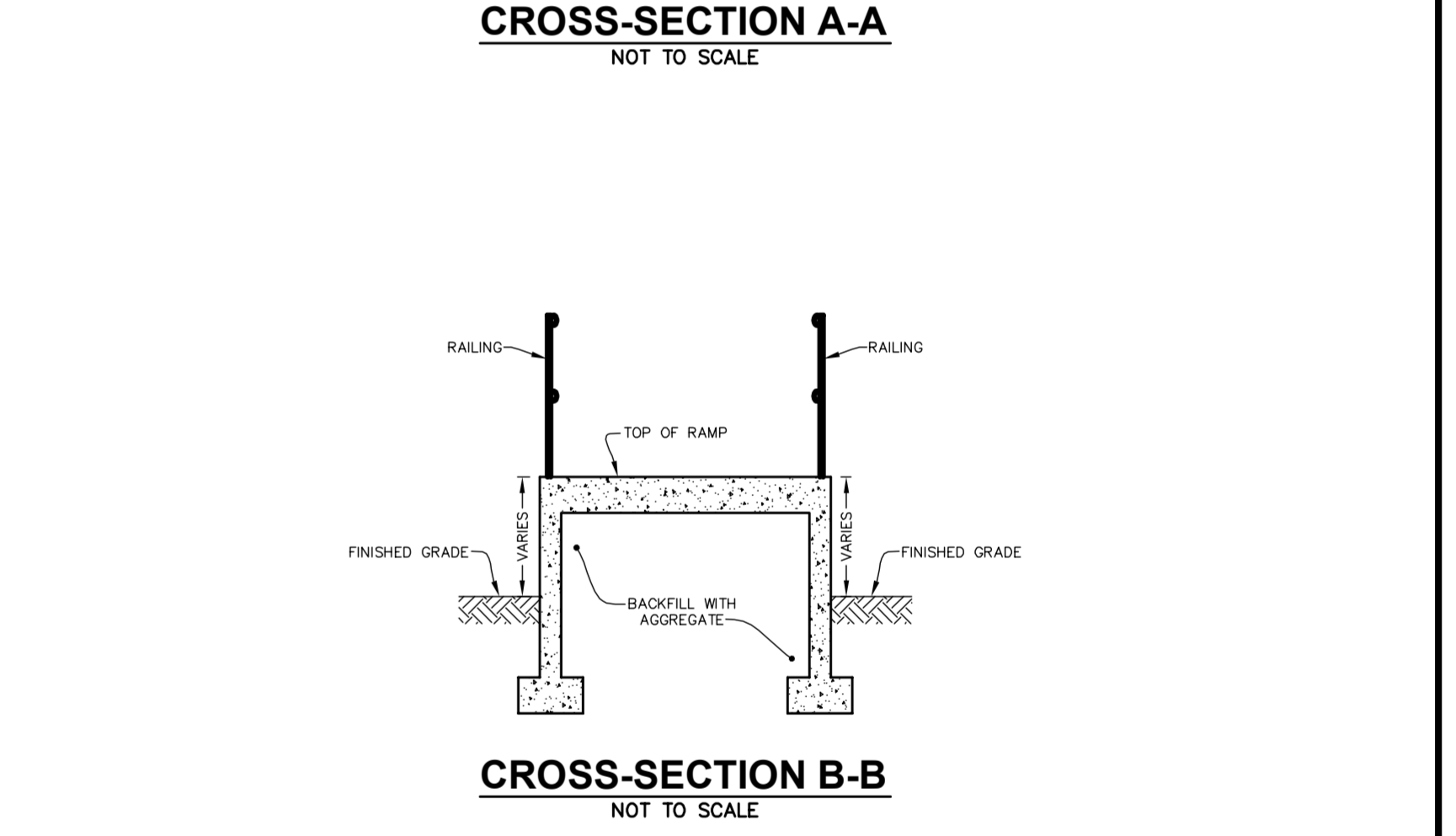
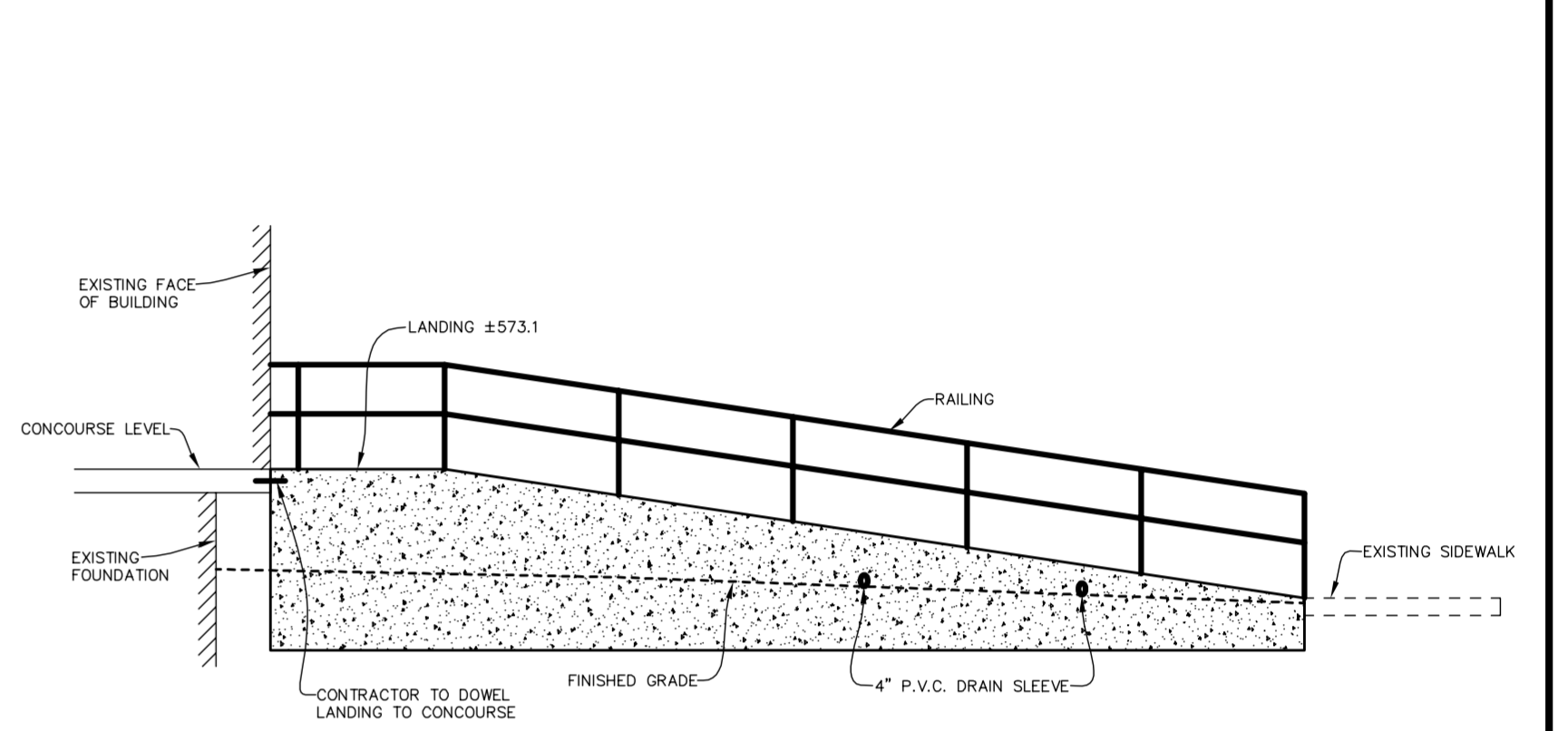
N:\Projects\20121330\Engineering\Plan Sheet2 - JJC Main Campus Rear Access Drive.dwg, Layout1, 25/2014, 3:28:10 PM, R.pearce



LEGEND

- XXXX.XX EXISTING ELEVATION
- XXXX.XX PROPOSED ELEVATION PER PREVIOUS PLANS
- - - - - EXISTING CONTOUR
- EXISTING STORM SEWER
- ⊙ EXISTING MANHOLE
- ⊙ EXISTING ELECTRIC HANDHOLE
- ⊙ EXISTING CABLE T.V. HANDHOLE
- USE — EXISTING UNDERGROUND ELECTRIC
- STEAM — EXISTING UNDERGROUND STEAM HEAT PIPE
- FO — EXISTING UNDERGROUND FIBER OPTICS LINE
- — EXISTING CONTROL MONUMENT
- ⊙ EXISTING TREE WITH SIZE
- ⊙ EXISTING TREE WITH PROPOSED PROTECTION
- - - - - PROPOSED EROSION CONTROL SILT FENCE
- XXXX.XX PROPOSED ELEVATION PER THIS PLAN
- XXX PROPOSED CONTOUR PER THIS PLAN
- PROPOSED DIRECTION OF OVERLAND FLOW

GRAPHIC SCALE
10 0 10
(IN FEET)
1 inch = 10 ft.



- GRADING PLAN NOTES**
- 1.) CONTRACTOR TO VERIFY ALL QUANTITIES NOTED ON PLANS AND INCLUDE AS PART OF BID.
 - 2.) FIELD VERIFY LOCATION OF EXISTING UTILITIES. PROVIDE ADEQUATE PROTECTION OF UTILITIES TO REMAIN IN USE AND COORDINATE WORK IN THESE AREAS WITH THE CONSTRUCTION MANAGER AND JOLIET JUNIOR COLLEGE PERSONNEL.
 - 3.) TREE TRIMMING WILL BE INCIDENTAL TO PATH CONSTRUCTION. TREE TRIMMING SHALL BE COORDINATED WITH COLLEGE AND ENGINEER PRIOR TO CONSTRUCTION.
 - 4.) ALL MATERIAL NOTED AS "TO BE REMOVED" SHALL BE DISPOSED OF PROPERLY OFFSITE, UNLESS OTHERWISE NOTED.

EXISTING CONDITIONS SHOWN HEREON ARE FROM SURVEYS BY R.T. & A. (2008-2011) DURING VARIOUS PHASES OF CAMPUS CONSTRUCTION AND FROM PREVIOUSLY PROPOSED IMPROVEMENT PLANS BY R.T. & A. (2008-2011). FIELD VERIFY EXACT LOCATIONS PRIOR TO ANY CONSTRUCTION. EXISTING UNDERGROUND UTILITIES WERE LOCATED BY USING PHYSICAL EVIDENCE, UTILITY COMPANY MAPS AND JJC LOCATIONS/MAPS AND THEREFORE THEIR LOCATIONS ARE APPROXIMATE AND SUSPECTED AND MAY NOT BE COMPLETELY ACCURATE. FOR MORE ACCURATE LOCATION, FIELD EXCAVATE.

Call Before You Dig

JULIE ILLINOIS ONE-CALL SYSTEM

CONTACT J.U.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.

SITE BENCHMARK 1:
HEAD BOLT ON FIRE HYDRANT THAT ARROW POINTS TO, LOCATED APPROXIMATELY 740' SOUTH OF MAIN CAMPUS EXT ROAD ONTO HUSBOLT ROAD.
ELEVATION: 607.75 (NAVD 88)

SITE BENCHMARK 2:
HEAD BOLT ON FIRE HYDRANT THAT ARROW POINTS TO, LOCATED APPROXIMATELY 700' SOUTH OF MAIN CAMPUS EXT ROAD ONTO HUSBOLT ROAD.
ELEVATION: 601.09 (NAVD 88)

FIELD VERIFY BENCHMARK WITH BENCHMARK LIST.

REVISIONS

No.	DATE	DESCRIPTION	BY
1	11-18-2013	REVISED PER CLIENT REVIEW	R.P.
2	12-09-2013	REVISED PER CLIENT REVIEW	R.P.
3	2-05-2014	REVISED PER JOLIET JUNIOR COLLEGE	R.P.

DOCUMENTATION:
PROJECT No.: 20121330.00
DATE: 10-08-2013
FIELD BOOK:
DRAWN BY: R.P.
CHECKED BY: J.H.



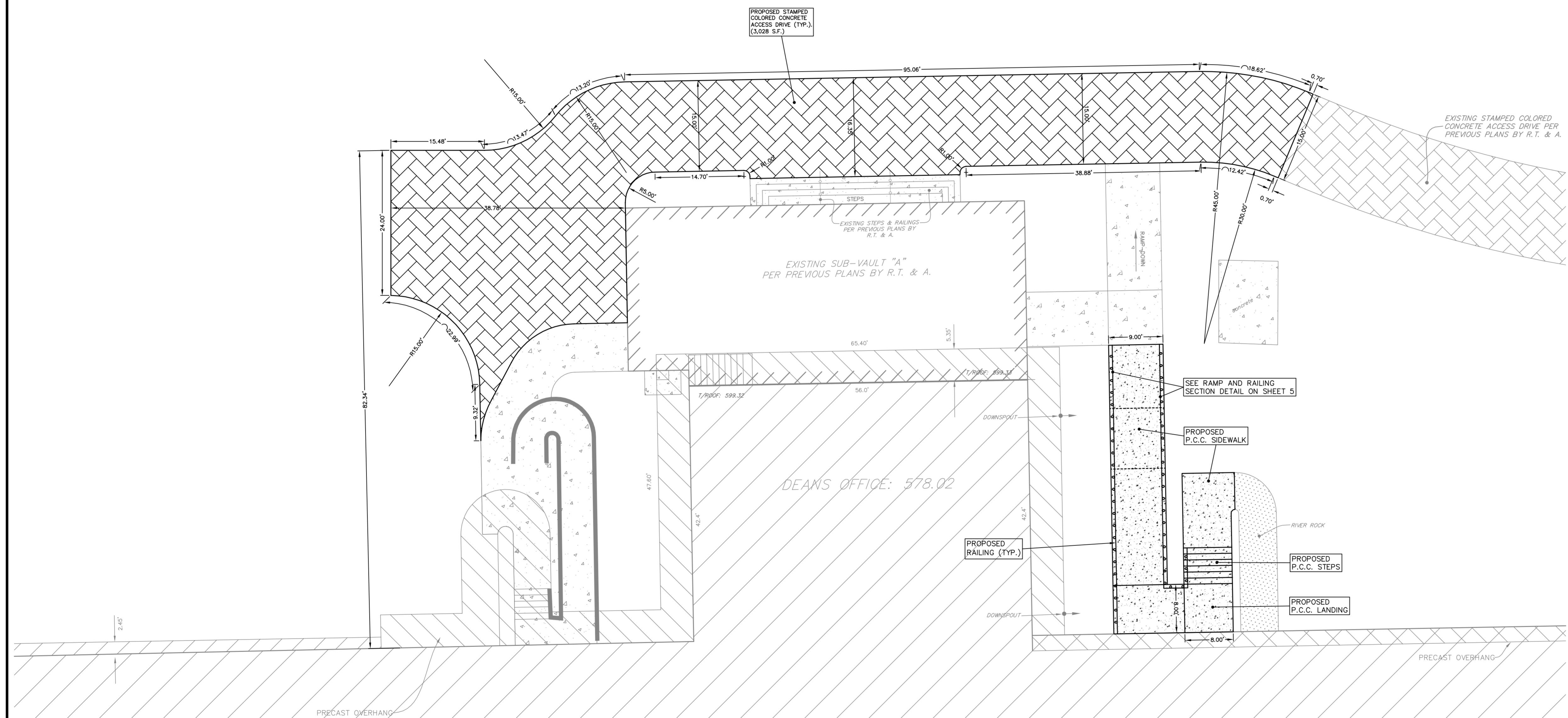
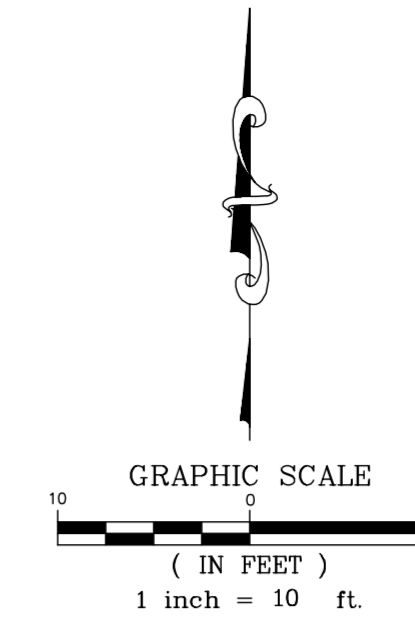
Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
MAIN CAMPUS - REAR ACCESS DRIVE**
1215 HUSBOLT ROAD
JOLIET, ILLINOIS 60431

DRAWING TITLE:
**PROPOSED GRADING PLAN
AND EROSION CONTROL PLAN**

DRAWING No.:
312-1330-C2
SCALE:
AS NOTED
ENGINEERING DEPARTMENT
SHEET 3 OF 5

N:\17197C01\1330E\Engineering\Plan\Sheet2 - JJC Main Campus Rear Access Drive.dwg, Grading Plan and Erosion Control Plan.dwg, Layout: 2/5/2014 3:26:29 PM, R:\pgraph



"D" BUILDING
 ENTRANCE ELEVATION: 570.87
 1ST FLOOR ELEVATION: 573.23

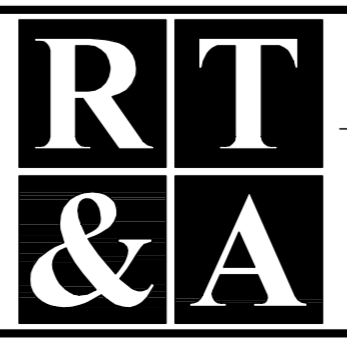
SITE BENCHMARK 1:
 HEAD BOLT ON FIRE HYDRANT THAT ARROW POINTS TO, LOCATED APPROXIMATELY 740' SOUTH OF MAIN CAMPUS EXT ROAD, ONTO HOBOLT ROAD.
 ELEVATION: 607.75 (NAVD 88)

SITE BENCHMARK 2:
 HEAD BOLT ON FIRE HYDRANT THAT ARROW POINTS TO, LOCATED APPROXIMATELY 505' SOUTH OF MAIN CAMPUS EXT ROAD, ONTO HOBOLT ROAD.
 ELEVATION: 601.09 (NAVD 88)

FIELD VERIFY BENCHMARK WITH BENCHMARK LIST.

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	11-18-2013	REVISED PER CLIENT REVIEW	R.P.
2	12-09-2013	REVISED PER CLIENT REVIEW	R.P.
3	2-05-2014	REVISED PER JOLIET JUNIOR COLLEGE	R.P.

DOCUMENTATION:
 PROJECT No.: 20121330.00
 DATE: 10-08-2013
 FIELD BOOK:
 DRAWN BY: R.P.
 CHECKED BY: J.H.



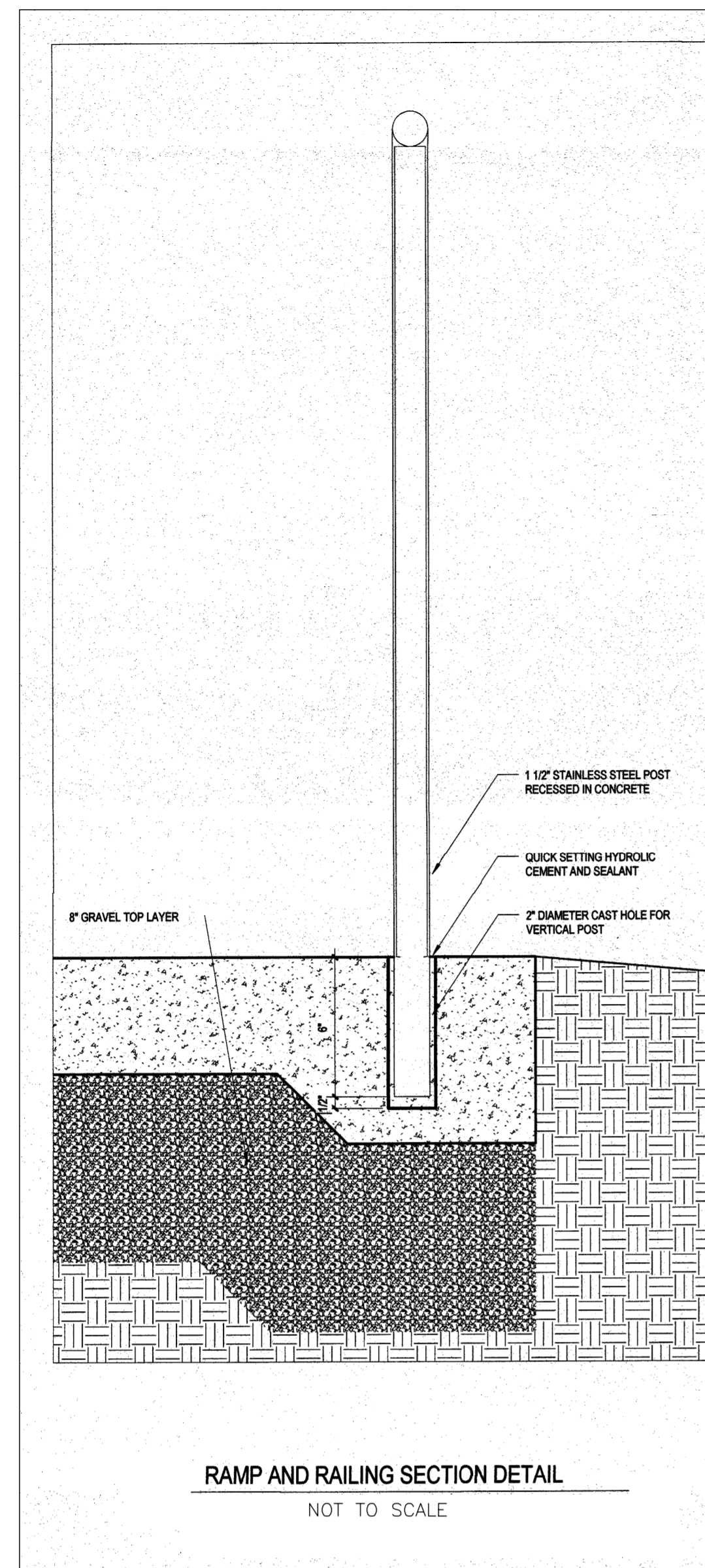
Ruettiger, Tonelli & Associates, Inc.
 Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
 129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
 PH. (815) 744-6600 FAX (815) 744-0101
 website: www.ruettigertonnelli.com

PROJECT TITLE:
**JOLIET JUNIOR COLLEGE
 MAIN CAMPUS - REAR ACCESS DRIVE**
 1215 HOBOLT ROAD
 JOLIET, ILLINOIS 60431

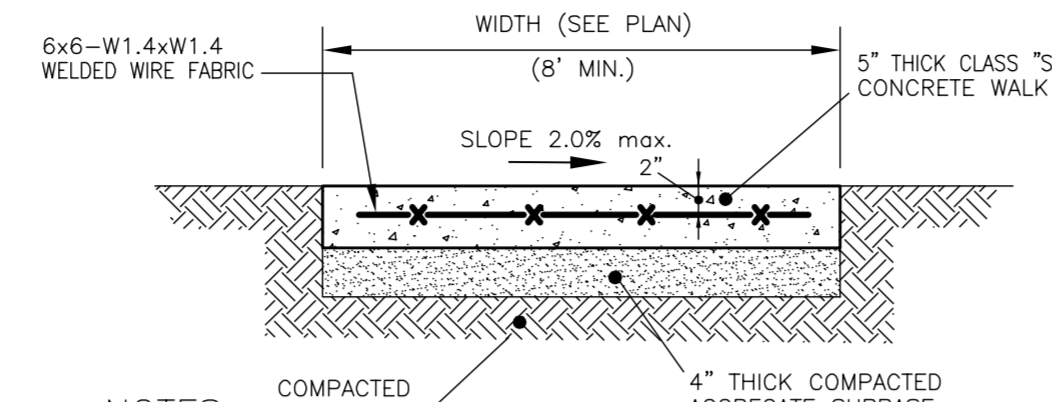
DRAWING TITLE:
PROPOSED GEOMETRY PLAN

DRAWING No.
 312-1330-C2
 SCALE:
 AS NOTED
 ENGINEERING DEPARTMENT
 SHEET 4 OF 5

N:\Users\jtonelli\Documents\312-1330-04 - Proposed Geometry Plan.dwg, Layout1, 2/20/14, 3:27:03 PM, R:\p\p\p

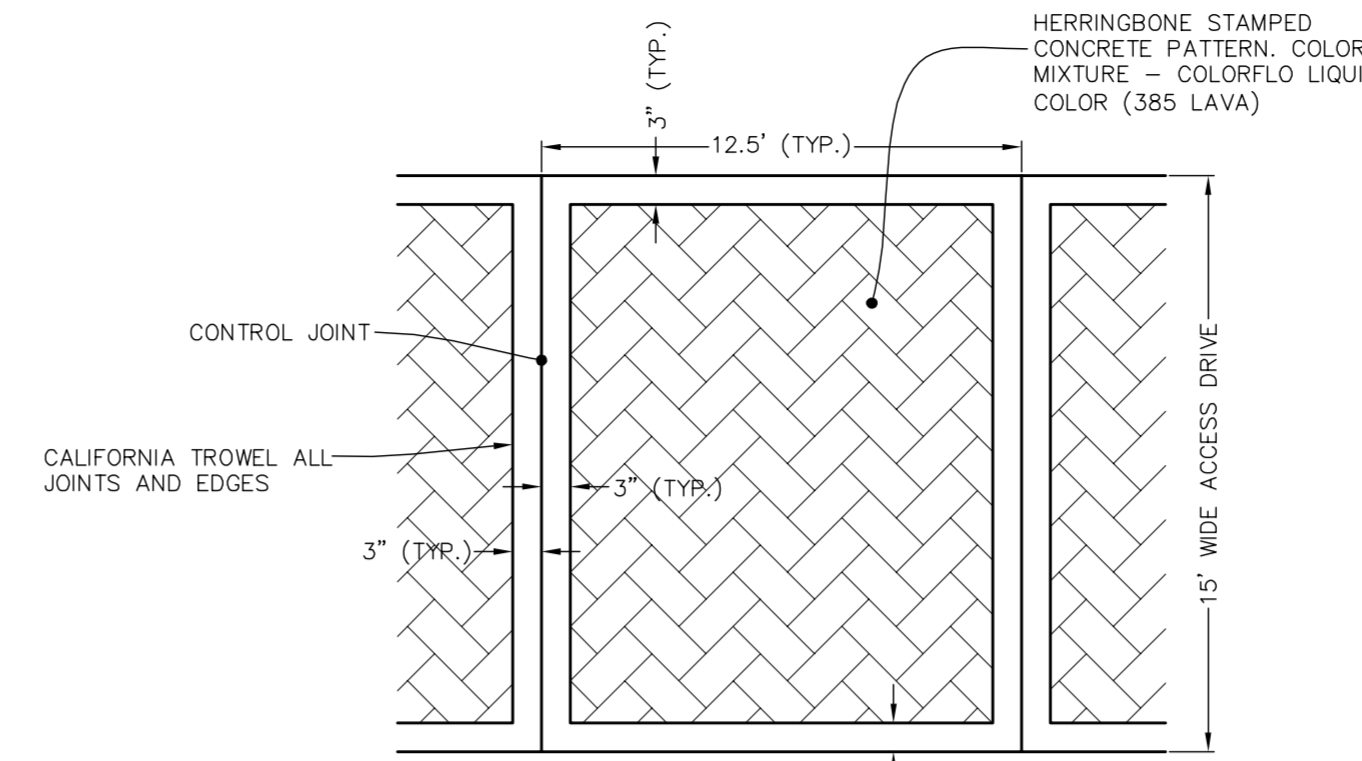


RAMP AND RAILING SECTION DETAIL
NOT TO SCALE



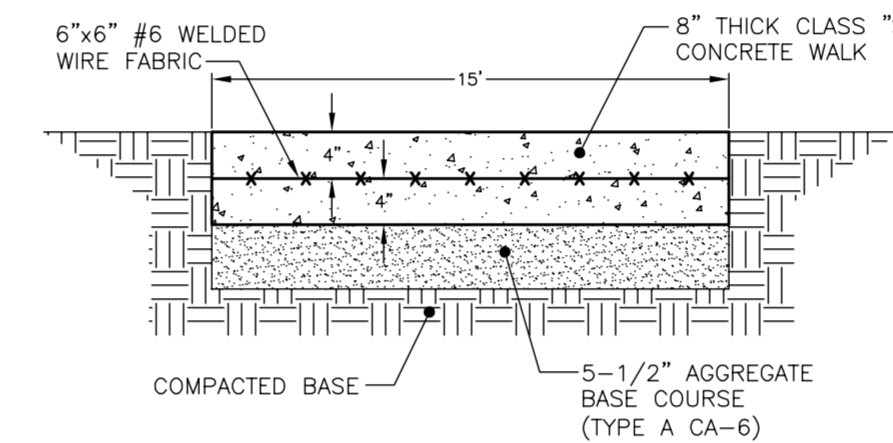
- NOTES**
1. SURFACE TO BE A LIGHT BROOM FINISH AT RIGHT ANGLES TO THE EDGES OF THE SIDEWALK.
 2. ASPHALTIC FELT EXPANSION JOINTS SHALL BE PROVIDED 24'-0" ON CENTER. WITH 1/2" DEEP CONTROL (FALSE) JOINTS 8'-0" ON CENTER.
 3. CONTROL JOINTS SHALL BE TROWELED.
 4. ALL SIDEWALKS TO HAVE 6x6xW1.4xW1.4 WELDED WIRE FABRIC.

TYPICAL P.C.C. SIDEWALK
NOT TO SCALE



- NOTE:**
ASPHALTIC FELT EXPANSION JOINTS SHALL BE PROVIDED 25'-0" ON CENTER WITH 1/2" DEEP CONTROL (FALSE) JOINTS 12'-6" ON CENTER.

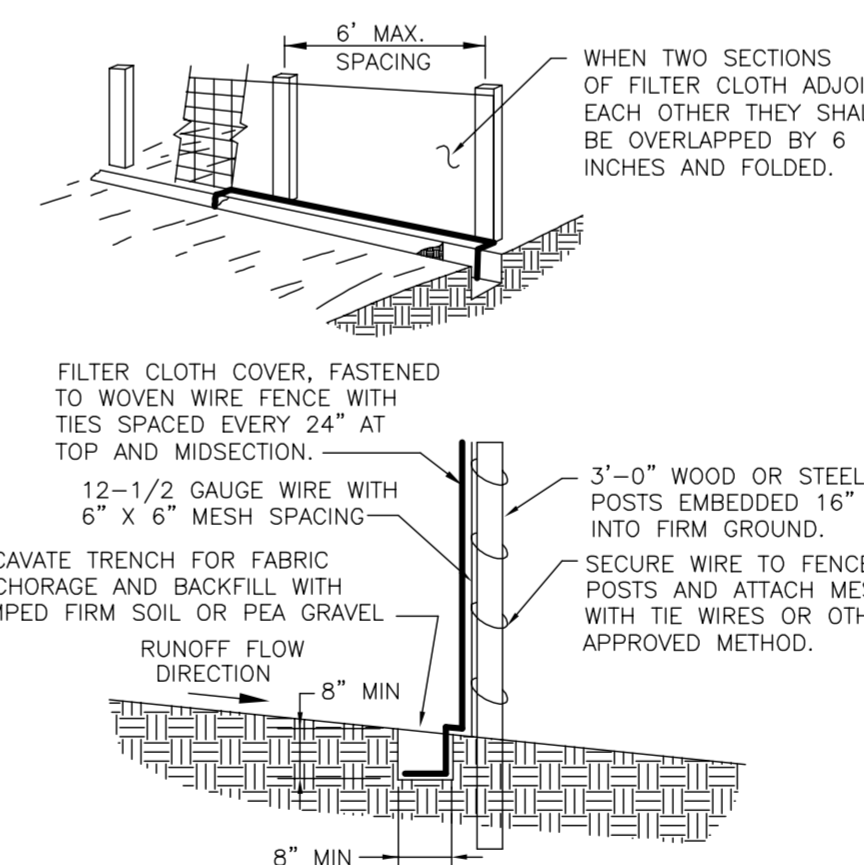
ACCESS DRIVE PAVING PATTERN DETAIL
NOT TO SCALE



ACCESS DRIVE SECTION DETAIL
NOT TO SCALE

EROSION CONTROL NOTES

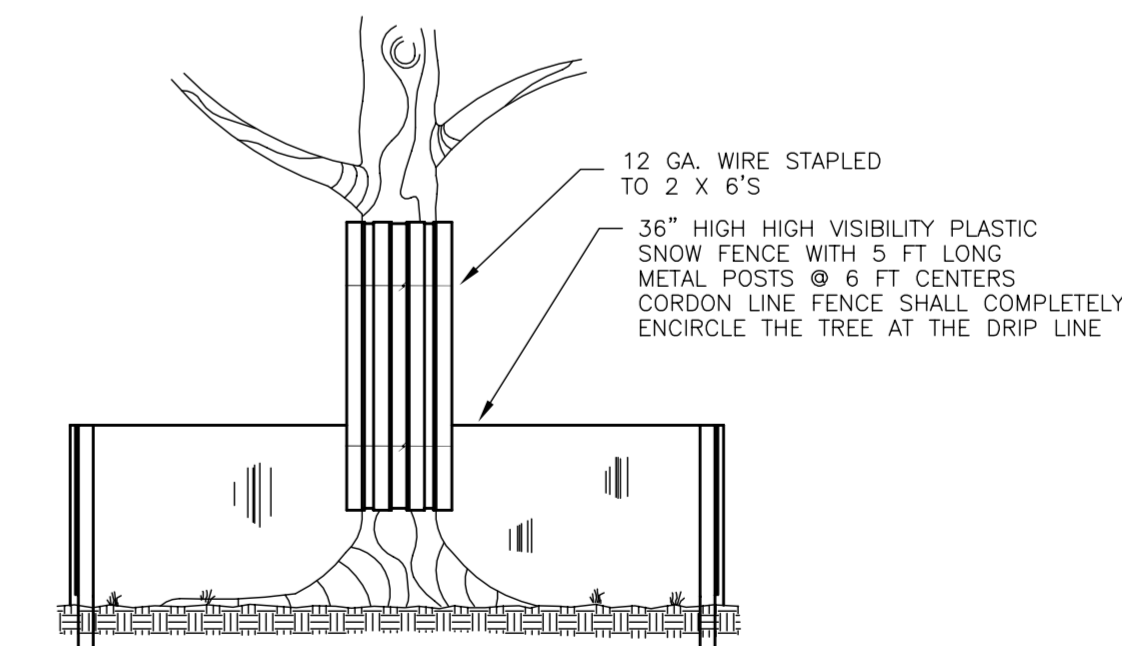
1. EROSION CONTROL TO BE APPLIED PER THE ILLINOIS PROCEDURES FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL, LATEST EDITION.
2. THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE VILLAGE TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT.
3. ALL STORM SEWER STRUCTURES WITH OPEN GRATES SHALL BE PROTECTED BY INSTALLING FILTER BASKETS FOR THE DURATION OF THE CONSTRUCTION, UNTIL FINAL PERMANENT STABILIZATION IS ACHIEVED.
4. 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, SODDING AND / OR NON-VEGETATIVE MEASURES.
5. 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.
6. ALL DISTURBED AREAS NOT SPECIFICALLY IDENTIFIED FOR LANDSCAPING IMPROVEMENTS OR IMPERVIOUS SURFACE TREATMENTS SUCH AS PAVEMENTS, DRIVES, PATIOS, STOOPS, 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" ADOPTED JANUARY 1, 2002 AS FOLLOWS:
 - CLASS 2 SEED PER SECTION 250.
 - FERTILIZED NUTRIENTS IN THE RATIO OF 1:1:1 OF NITROGEN, PHOSPHOROUS AND POTASSIUM EACH, ALL AT THE RATE OF 60 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.
7. 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, 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 ONCE 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.
8. ANY STOCKPILE OF TOPSOIL MAINTAINED ON SITE SHALL BE STABILIZED WITH A VEGETATION ACCORDING TO NOTE 4 ABOVE. STOCKPILE SHALL BE SURROUNDED WITH SILT FENCE.



NOTES FOR SILT FENCE

1. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL SHALL BE REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.
2. FILTER CLOTH SHALL BE FILTER X, MIRAFI 100X, STABILINKA T140N, OR EQUAL.
3. PREFABRICATED UNIT SHALL BE GEOPAB, ENVIROFENCE, OR EQUAL.

SILT FENCE INSTALLATION
NOT TO SCALE



TREE PROTECTION DETAIL
NOT TO SCALE

SITE CONSTRUCTION GENERAL NOTES

1. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO FAMILIARIZE THEMSELVES WITH THE PROJECT. ALL QUANTITIES NOTED ON THE PLANS ARE TO BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL ACCOUNT FOR ALL IMPROVEMENTS AND VERIFY QUANTITIES AND INCLUDE THEM IN THE BID.
 2. 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.
 3. 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.
 4. ALL WORK SHALL BE SUBJECT TO INSPECTION BY CONSTRUCTION MANAGER.
 5. 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 CONSTRUCTION MANAGER SHALL BE NOTIFIED BEFORE TRENCH IS BACKFILLED.
 6. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE OWNER, CONSTRUCTION MANAGER AND ENGINEER IF THERE IS ANY DISCREPANCY BETWEEN THE PLANS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY STAGE OF CONSTRUCTION OF PROPOSED IMPROVEMENTS.
 7. GRANULAR BACKFILL TO BE CRUSHED LIMESTONE CA-6.
 8. EROSION CONTROL TO BE APPLIED PER THE ILLINOIS PROCEDURES FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL, LATEST EDITION.
 9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLETELY REMOVE AND PROPERLY DISPOSE OF EXISTING STRUCTURES, DEBRIS, WASTES AND VEGETATION FROM THE SITE AS NOTED ON THE PLAN OR AS MAY BE REQUIRED TO PROPERLY COMPLETE HIS WORK. ALL DEBRIS AND SURPLUS MATERIALS REMOVED FROM THE SITE SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR. NO ON-SITE BURNING OR BURIAL SHALL BE ALLOWED.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER AT ALL TIMES. DEBRIS AND SURPLUS MATERIAL CLEAN UP AND REMOVAL SHALL PROCEED AS THE WORK PROCEEDS.

Call Before You Dig

JULIE
ILLINOIS
ONE-CALL SYSTEM

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
1	11-18-2013	REVISED PER CLIENT REVIEW	R.P.
2	12-09-2013	REVISED PER CLIENT REVIEW	R.P.
3	2-05-2014	REVISED PER JOLIET JUNIOR COLLEGE	R.P.

DOCUMENTATION:

PROJECT No.: 20121330.00
DATE: 10-08-2013
FIELD BOOK:
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
MAIN CAMPUS - REAR ACCESS DRIVE**
1215 HOBOLT ROAD
JOLIET, ILLINOIS 60431

DRAWING TITLE:

**GENERAL NOTES AND
CONSTRUCTION DETAILS**

DRAWING No.

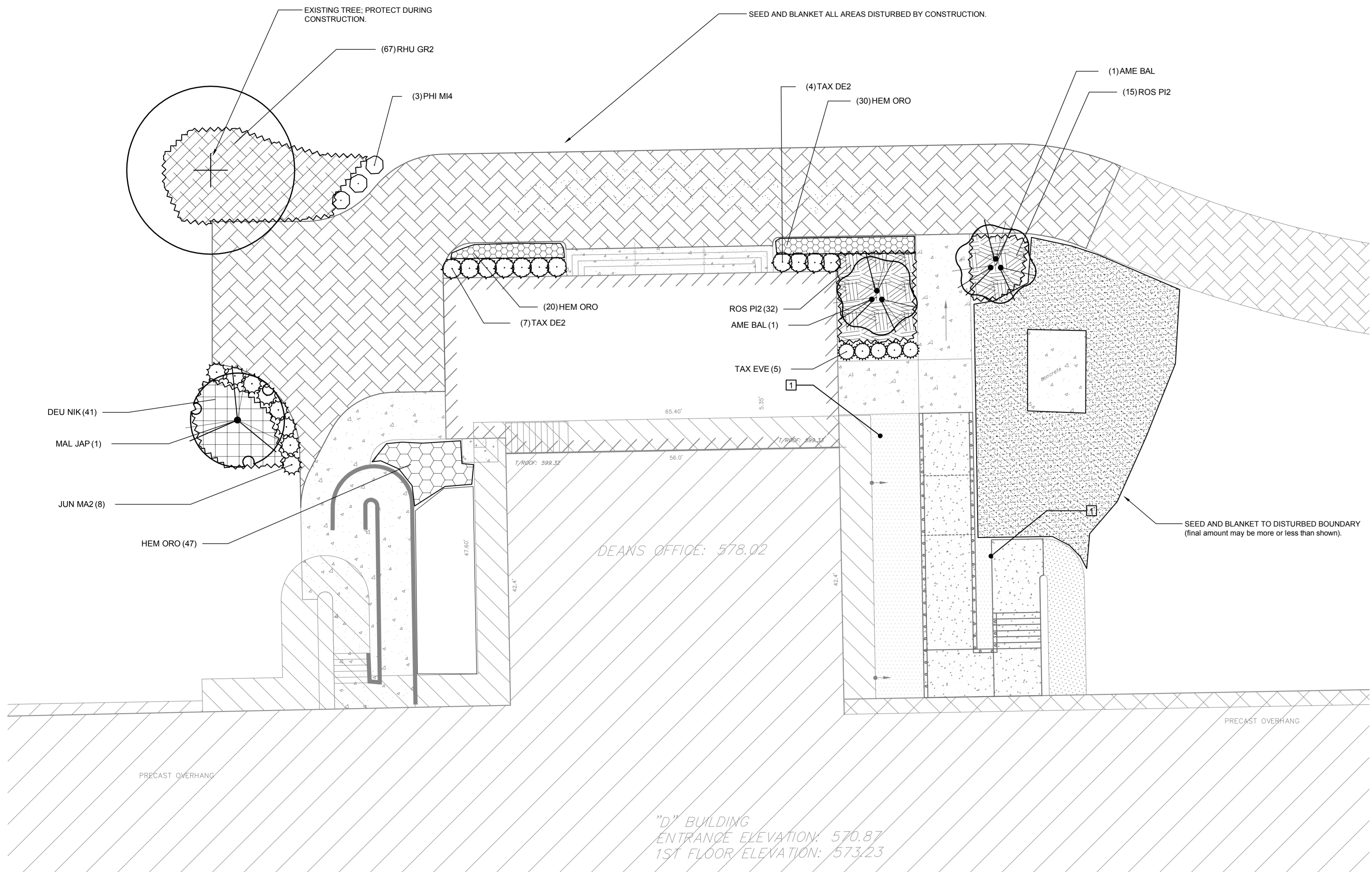
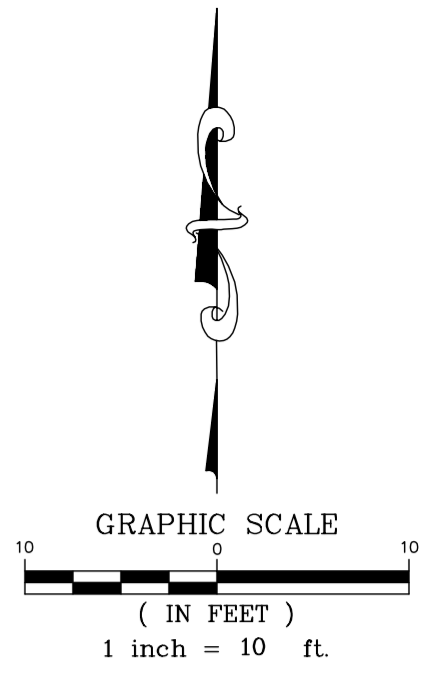
312-1330-C2

SCALE:

AS NOTED

ENGINEERING DEPARTMENT

SHEET 5 OF 5



PLANT SCHEDULE

FLOWERING TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
AME BAL	2	Amelanchier x grandiflora 'Ballerina' / Ballerina Serviceberry	6' Ht, BB	
MAL JAP	1	Malus floribunda / Japanese Flowering Crabapple	6' Ht, BB	
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
PHI M14	3	Philadelphus x virginalis 'Miniature Snowflake' / Miniature Snowflake Mockorange	2.5' Ht	
EVERGREEN SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
JUN MA2	8	Juniperus chinensis 'Maneyi' / Maney Juniper	18-24" Sprd, BB	
TAX DE2	11	Taxus media 'Densiflora' / Dense Yew	24-30" Sprd, BB	
TAX EVE	5	Taxus x media 'Everlow' / Yew	18-24" Sprd, BB	
SHRUB AREAS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
DEU NIK	41	Deutzia gracilis 'Nikko' / Slender Deutzia	3 gal	24" o.c.
RHU GR2	67	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	3 gal	30" o.c.
ROS PI2	47	Rosa acicularis 'Pink Meidland' / Pink Shrub Rose	3 gal	30" o.c.
				Growth Height at 12".
GRNDCOVER/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
HEM ORO	97	Hemerocallis hybrid 'Stella de Oro' / Stella de Oro Daylily	1 gal	18" o.c.
SOD/SEED	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
TUR SEE	1,623 sf	Turf Seed / See Specifications	seed (sq.ft.)	

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	QTY	DETAIL
[]	River Rock Mulch To Match Existing Rock Mulch, place minimum 3" depth on filter fabric.	437 sf	

REVISIONS							
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY

DOCUMENTATION:
 PROJECT No.: 20121330
 DATE: 12-10-2013
 FIELD BOOK:
 DRAWN BY: RKS
 CHECKED BY: RKS



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
 MAIN CAMPUS - REAR ACCESS DRIVE**
 1215 HOUBOLT ROAD
 JOLIET, ILLINOIS 60431

DRAWING TITLE:
LANDSCAPE PLAN

DRAWING No.
 312-1330-LS2
 SCALE:
 AS NOTED
 LANDSCAPE DEPARTMENT
 SHEET L1 OF L2

N:\Draw\2012\1330\Landscaping\Plan_ShtL1 - Landscape Plan.dwg, Layer01, 2/20/14 7:15:28 AM, akawson

LANDSCAPE SPECIFICATIONS

A. GENERAL

- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING AND VERIFY SITE CONDITIONS AND INFORMATION ON DRAWINGS. PROMPTLY REPORT ANY CONCEALED CONDITIONS, DISCREPANCIES, OR DEVIATIONS FROM THE INFORMATION SHOWN IN THE CONTRACT DOCUMENTS. THE OWNER IS NOT RESPONSIBLE FOR UNAUTHORIZED CHANGES OR EXTRA WORK REQUIRED TO CORRECT UNREPORTED DISCREPANCIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP OF ALL TRASH AND DEBRIS FROM HIS WORK.
- CONTRACTOR SHALL SECURE AND PAY FOR PERMITS, FEES AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK. CONTRACTOR SHALL COMPLY WITH APPLICABLE LOCAL CODES AND LANDSCAPE DESIGN STANDARDS IN THE PERFORMANCE OF THE WORK.
- LANDSCAPE CONTRACTOR SHALL SUBMIT CERTIFICATES OF INSURANCE FOR WORKMAN'S COMPENSATION AND GENERAL LIABILITY.
- MINOR ADJUSTMENTS TO PLANT LOCATIONS MAY BE NECESSARY DUE TO FIELD CONDITIONS, FINAL GRADING, AND UTILITY LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER IF MAJOR ADJUSTMENTS ARE REQUIRED.
- NO SUBSTITUTIONS IN TYPE OR SIZE WILL BE ACCEPTED WITHOUT WRITTEN APPROVAL FROM OWNER'S REPRESENTATIVE. PLANTS NOT CONFORMING TO PLANT LIST SHALL NOT BE ACCEPTED WITHOUT WRITTEN APPROVAL AND MAY BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL LANDSCAPE WORK SHALL BE IN ACCORDANCE TO STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING IN THE ILLINOIS STANDARDIZED LANDSCAPE SPECIFICATIONS (ASLA), AMERICAN ASSOCIATION OF NURSERYMAN, AND LOCAL LANDSCAPE ORDINANCES.

B. SITE PREPARATION

- FINE GRADE LANDSCAPE AREAS TO SMOOTH, FREE DRAINING, EVEN SURFACE, FREE OF LARGE STONES, DEBRIS, AND DEPRESSIONS.
- SITE FOR SEEDING TO HAVE A MINIMUM OF 6" OF TOPSOIL APPLIED BEFORE SEEDING.
- AREAS OF WEED GROWTH SHALL BE HERBICIDED AND REMOVED OR TILLED, RAKED AND REMOVED PRIOR TO SEEDING.
- NO SEEDING SHALL START UNTIL FINAL GRADES HAVE BEEN APPROVED BY THE OWNER. SEEDING DONE WITHOUT GRADE APPROVAL MAY RESULT IN AREAS BEING RESEEDED AT CONTRACTOR'S EXPENSE.
- PLANTING AREAS CREATED WITHIN EXISTING PARKING LOTS SHALL BE EXCAVATED A MINIMUM OF 3 FEET BELOW PAVEMENT SURFACE. EXCAVATED MATERIAL SHALL BE REMOVED AND NOT MIXED WITH PLANTING MIX. PROVIDE UNDERDRAINAGE AS NECESSARY OR AS SHOWN ON PLANS AND DETAILS.

C. PLANTINGS AND TOPSOIL

- PLANTING MIX FOR TREES AND SHRUBS SHALL CONSIST OF 60% ACCEPTABLE, ORGANIC TOPSOIL AND 40% MUSHROOM COMPOST, OR OTHER MEDIUM APPROVED BY OWNER.
- ALL PLANTS SHALL BE NURSERY GROWN WITH SHAPES AND DIMENSIONS IN ACCORDANCE WITH AMERICAN STANDARDS FOR NURSERY STOCK.
- ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH. THEY SHALL BE SOUND, HEALTHY AND VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF, SHALL BE FREE OF DISEASE AND INSECT PESTS, EGGS OR LARVAE, AND SHALL HAVE HEALTHY, WELL-DEVELOPED ROOT SYSTEMS.
- BALLED AND BURLAPPED PLANTS SHALL BE DUG WITH FIRM NATURAL BALLS OF EARTH, OF DIAMETER AND DEPTH TO INCLUDE MOST OF THE FIBROUS ROOTS. CONTAINER GROWN STOCK SHALL HAVE BEEN GROWN IN A CONTAINER LONG ENOUGH FOR THE ROOT SYSTEM TO HAVE DEVELOPED SUFFICIENTLY TO HOLD ITS SOIL TOGETHER FIRM AND WHOLE. NO PLANTS SHALL BE LOOSE IN THE CONTAINER.
- ROOT BALLS OF ALL PLANTS SHALL BE ADEQUATELY PROTECTED AT ALL TIMES FROM SUN AND DRYING WINDS OR FROST. PLANTS WITH BROKEN ROOT BALLS OR EXCESSIVE DAMAGE TO THE CROWN SHALL BE REPLACED PRIOR TO PLANTING. THE TOP 1/3 OF BURLAP SHALL BE PULLED BACK AT PLANTING TIME AND ALL TWINES AROUND TREE TRUNKS SHALL BE CUT AND REMOVED.
- SHRUB, PERENNIAL AND GROUND COVER MASSES SHALL BE PLACED IN PLANTING BEDS PREPARED TO INCLUDE 10-10-10 FERTILIZER TO PLANTING SOIL AT THE RATE OF 1/2 POUND PER CUBIC YARD OF PLANTING SOIL. A PRE-EMERGENCE HERBICIDE SHALL BE APPLIED TO THE PLANTING BED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. PLANTING BEDS SHALL BE MULCHED WITH GROUND HARDWOOD MULCH, MINIMUM 3" THICK.
- SHRUB BEDS AND TREES SHALL BE MULCHED WITH HARDWOOD MULCH AS NOTED.
- DO NOT LOCATE PLANTS WITHIN 10 FEET OF FIRE HYDRANTS, TRANSFORMERS, OR OTHER ABOVE GROUND UTILITIES UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- ALL BED LINES AND TREE SAUCERS SHALL REQUIRE A HAND-SPADED EDGE BETWEEN LAWN AND MULCHED AREAS UNLESS NOTED OTHERWISE.
- NO BARE ROOT PLANT MATERIAL ALLOWED, UNLESS APPROVED IN WRITING FROM THE OWNER.

D. FERTILIZER AND AMENDMENTS

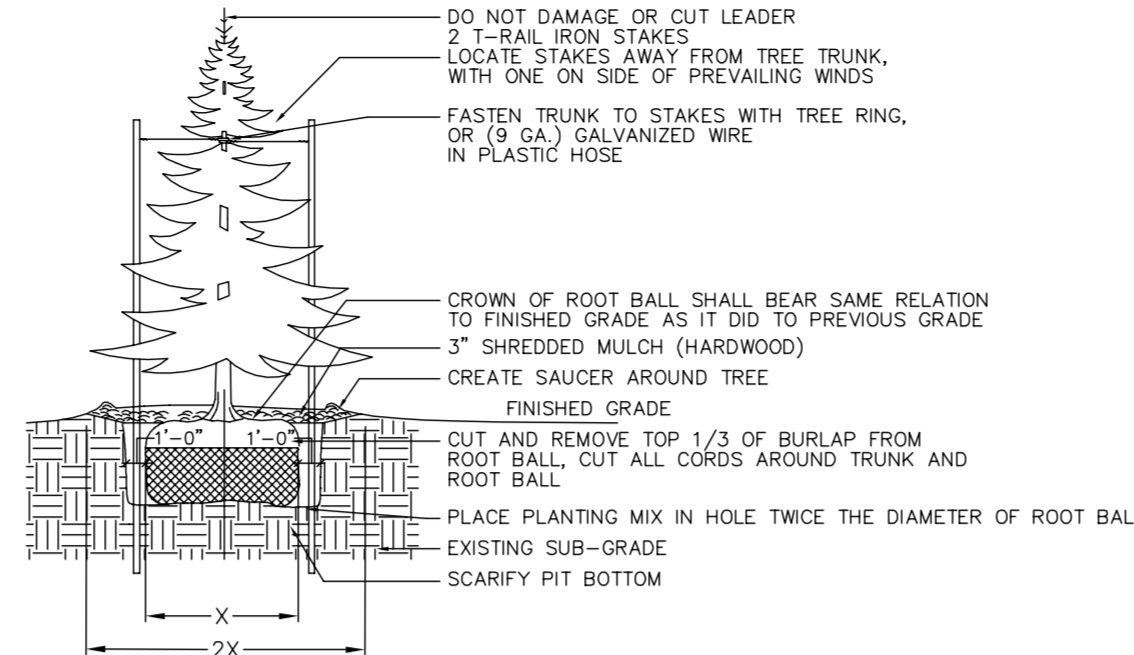
- DURING SITE PREPARATION AND PRIOR TO SEEDING, APPLY A GRANULAR, NON-BURNING FERTILIZER OF NOT LESS THAN 50% ORGANIC SLOW RELEASE PRODUCT AT A RATE OF 1.5 LBS. PER 1,000 SQUARE FEET.
- STARTER FERTILIZER SHALL HAVE AN APPROXIMATE ANALYSIS OF 6:24:24 OR SIMILAR APPROVED COMPOSITION.
- APPLY FERTILIZER BY MECHANICAL MEANS THOROUGHLY AND EVENLY DISTRIBUTED WITH SOIL BY DISKING, TO A DEPTH OF 3".
- CONTRACTOR SHALL APPLY A PRE-EMERGENT HERBICIDE TO ALL PLANTING BEDS BEFORE APPLICATION OF MULCH.

E. TURF

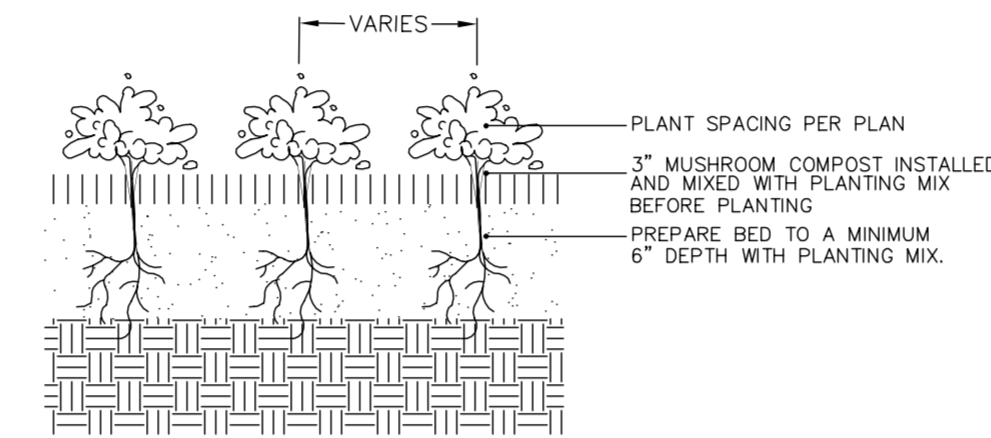
- GRASS SEED SHALL BE CLEAN, CERTIFIED SEED FREE OF NOXIOUS WEEDS AND MIXED TO THE APPROPRIATE PROPORTIONS BY WEIGHT ACCORDING TO PERCENT BY SPECIES INDICATED.
- SEED AND SOD CERTIFICATION TAGS SHALL BE PROVIDED TO THE OWNER FOR APPROVAL PRIOR TO INSTALLING.
- TURF SEED MIX SHALL CONSIST OF THE FOLLOWING SPECIES PROPORTIONED BY WEIGHT AS FOLLOWS: 40% KENTUCKY BLUEGRASS (MIN 3 VARIETIES), 25% CREEPING RED FESCUE (DAWSON), 15% TURF-TYPE PERENNIAL RYEGRASS, 20% HARD FESCUE (WARWICK).
- SEED SHALL BE APPLIED AT A RATE OF 5 LBS. PER 1,000 SQUARE FEET, UNLESS NOTED OTHERWISE.
- APPLY SEED WITH A ROTARY OR DROP-TYPE DISTRIBUTOR. INSTALL SEED EVENLY BY SOWING EQUAL QUANTITIES IN TWO DIRECTIONS AT RIGHT ANGLES TO EACH OTHER.
- AFTER SEEDING, RAKE SOIL SURFACE LIGHTLY TO INCORPORATE SEED INTO SURFACE. ROLL WITH LIGHT LAWN ROLLER.
- WITHIN 24 HOURS SEEDED AREAS SHALL BE MULCHED WITH PELLETED STRAW MULCH (100 LBS/1,000 SF.), MULCH BLANKETS, OR HYDRO MULCH AT THE RATE OF 1,500 LBS./ACRE. IF STRAW MULCH IS USED, IT SHALL BE SPREAD UNIFORMLY AT 2.5 TONS PER ACRE, AND CRIMPED INTO SOIL. ON SLOPES OF 5:1 OR STEEPER, LANDSCAPE MULCH BLANKETS SHALL BE USED.
- NATIVE SEED, IF SPECIFIED, SHALL BE INSTALLED WITH A COVER CROP PER SEED VENDOR RECOMMENDATIONS.
- NATIVE SEED AREAS SHALL NOT REQUIRE FERTILIZER.
- SOD SHALL BE A CERTIFIED TURF GRASS CONTAINING A MINIMUM OF THREE VARIETIES OF BLUEGRASS, UNLESS NOTED DIFFERENTLY ON THE PLANS AND CUT AT A UNIFORM THICKNESS OF 3/4". INSTALL SOD WITHIN 48 HOURS OF CUTTING FROM NURSERY. SOD SHALL BE MINERAL BASE ONLY. SOD SHALL BE ROLLED AND STAKED ON SLOPES.
- CONTRACTOR SHALL SUBMIT SOD GROWER'S CERTIFICATION OF GRASS SPECIES AND IDENTIFY LOCATION.

F. MAINTENANCE - WARRANTY

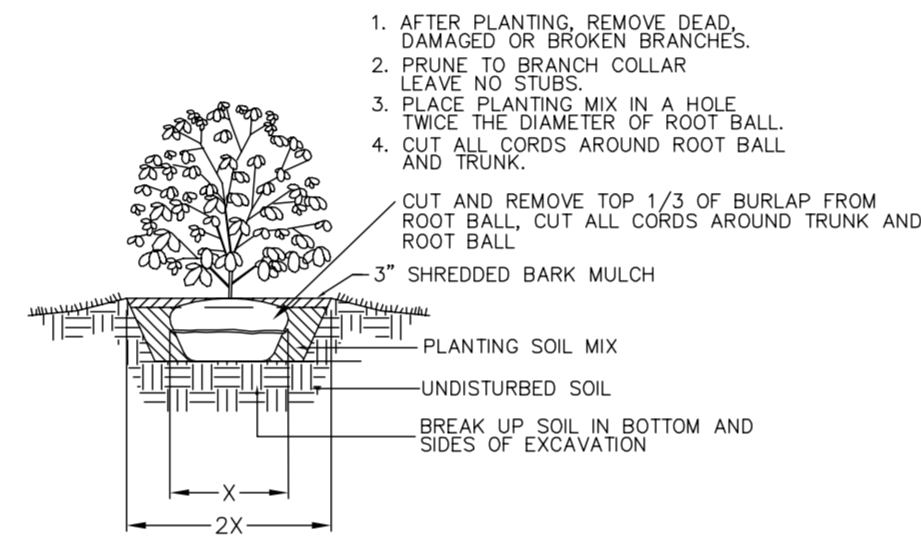
- CONTRACTOR SHALL WARRANTY PLANTED MATERIAL (TREES, SHRUBS) FOR ONE FULL YEAR FROM DATE OF FINAL ACCEPTANCE AT 100% OF THE INSTALLED PRICE.
- LAWN AREAS, PERENNIALS, AND GROUNDCOVERS SHALL BE UNCONDITIONALLY WARRANTED FOR A PERIOD OF 90 DAYS FROM DATE OF FINAL ACCEPTANCE. PLANT MATERIAL INSTALLED IN THE FALL (SEPTEMBER OR LATER) SHALL HAVE WARRANTY POSTPONED TO SPRING SEASON.
- LANDSCAPE AREAS SHALL BE WATERED A MINIMUM OF TWICE A WEEK DURING ESTABLISHMENT PERIOD AND WEEDED AS NECESSARY TO MAINTAIN A NEAT APPEARANCE.
- BARE AREAS MORE THAN ONE SQUARE FOOT, SINGULARLY OR IN AGGREGATE, PER ANY 50 SQUARE FEET SHALL BE REPLACED.
- ANY PLANT MATERIAL FOUND TO BE DEFECTIVE SHALL BE REMOVED AND REPLACED WITHIN 30 DAYS OF NOTIFICATION OR IN GROWTH SEASON DETERMINED TO BE BEST FOR PLANT.
- RE-SET SETTLED PLANTS TO PROPER GRADE AND POSITION, TIGHTEN AND REPAIR GUY WIRES AND STAKES, RESTORE PLANTING SAUCERS AND REMOVE DEAD MATERIAL AS NECESSARY.
- LAWN ESTABLISHMENT PERIOD WILL BE IN EFFECT ONCE THE LAWN HAS BEEN MOWED THREE TIMES.



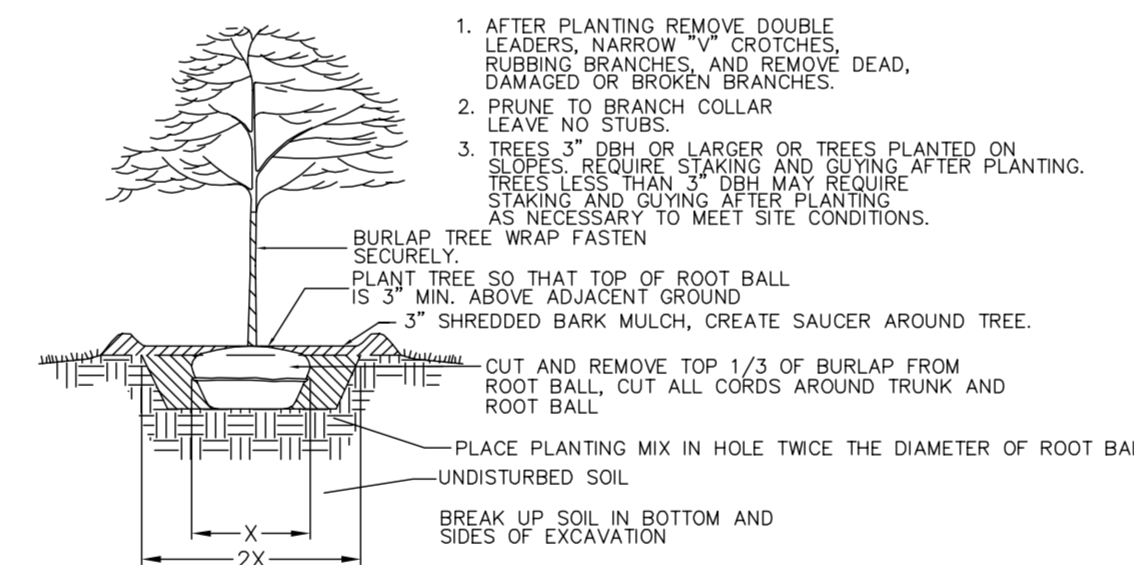
1 CONIFEROUS TREE DETAIL
SCALE: NOT TO SCALE



2 ANNUAL, PERENNIAL & GROUND COVER DETAIL
SCALE: NOT TO SCALE



3 SHRUB PLANTING DETAIL
SCALE: NOT TO SCALE



4 TREE PLANTING DETAIL
SCALE: NOT TO SCALE

REVISIONS

No.	DATE	DESCRIPTION	BY

DOCUMENTATION:

PROJECT No.: 20121330
DATE: 12-10-2013
FIELD BOOK: .
DRAWN BY: RKS
CHECKED BY: RKS



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
MAIN CAMPUS - REAR ACCESS DRIVE
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431

DRAWING TITLE:

LANDSCAPE SPECIFICATIONS
AND PLANTING DETAILS

DRAWING No.

312-1330-LS2

SCALE:

AS NOTED

LANDSCAPE DEPARTMENT
SHEET L2 OF L2