



Addendum No. 1
Page 1 of 1

DATE: May 2, 2016

Joliet Junior College
1215 Houbolt Road
Joliet, IL 60431

TO: Prospective Bidders
SUBJECT: Addendum No. 2
PROJECT NAME: Romeoville Expansion Building Landscaping
JJC PROJECT NO.: B16019

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.

Questions Received:

1. We are missing the following documents:
 - a. Landscape drawings, mentioned in your "Instruction to Bidders" document.
Bid drawings for the Romeoville Campus landscaping (PDF pages 2-11) and the Main Campus alternate bid landscaping (PDF pages 12-14) are provided as part of this addendum.
 - b. Landscaping specifications, unless they are included in the landscaping plans to be posted.
Landscaping specifications are posted to the Joliet Junior College website at:
[***http://www.jjc.edu/business-auxiliary/purchasing/Pages/current-solicitations.aspx***](http://www.jjc.edu/business-auxiliary/purchasing/Pages/current-solicitations.aspx)

End of addendum #1

Landscape Plans for

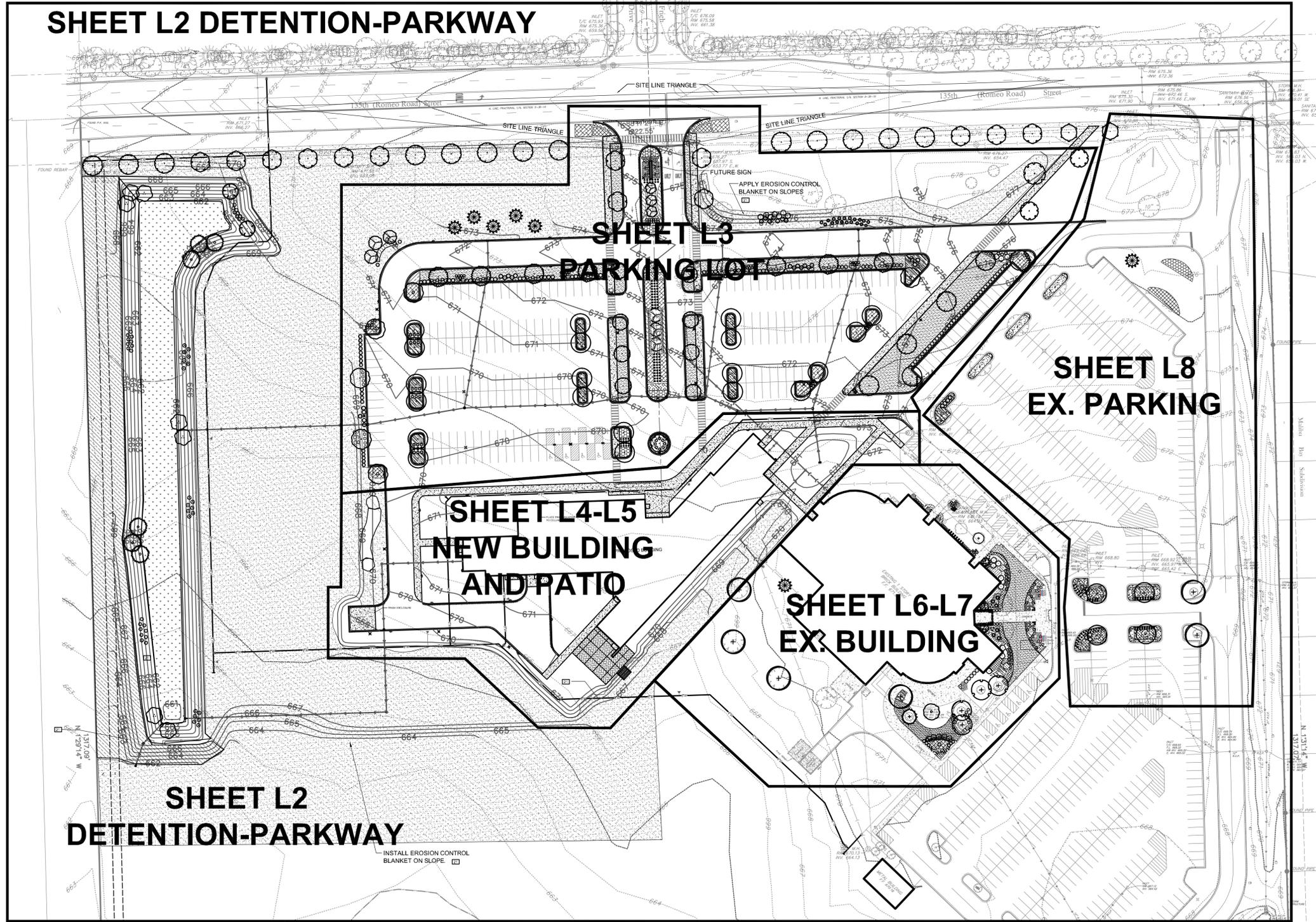
JOLIET JUNIOR COLLEGE

ROMEOVILLE CAMPUS EXPANSION

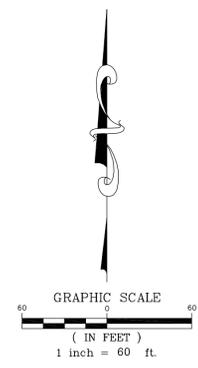
Village of Romeoville

Will County, Illinois

SHEET L2 DETENTION-PARKWAY



INDEX OF LANDSCAPE SHEETS	
SHEET No.	DESCRIPTION
L1.0	COVER/OVERALL PLAN
L2.0	LANDSCAPE PLAN - DETENTION AND PARKWAY
L3.0	LANDSCAPE PLAN - PARKING LOT
L4.0	LANDSCAPE PLAN - NEW BUILDING
L5.0	LANDSCAPE PLAN - NEW BUILDING PATIO
L6.0	LANDSCAPE PLAN - EXISTING BUILDING LANDSCAPE DEMOLITION
L7.0	LANDSCAPE PLAN - EXISTING BUILDING
L8.0	LANDSCAPE PLAN - EXISTING PARKING LOT
L9.0	LANDSCAPE PLANT SCHEDULES
L10.0	LANDSCAPING SPECIFICATIONS AND DETAILS



REVISIONS			
No.	DATE	DESCRIPTION	BY
1	2-25-2016	REVISED PER JJC COMMENTS	RKS
2	4-14-2016	REVISED PER VILLAGE COMMENTS	RKS

DOCUMENTATION:
 PROJECT No.: 20150053.00
 DATE: 10-14-2015
 FIELD BOOK: JJC3, P. 7-9
 DRAWN BY: RKS
 CHECKED BY: RKS

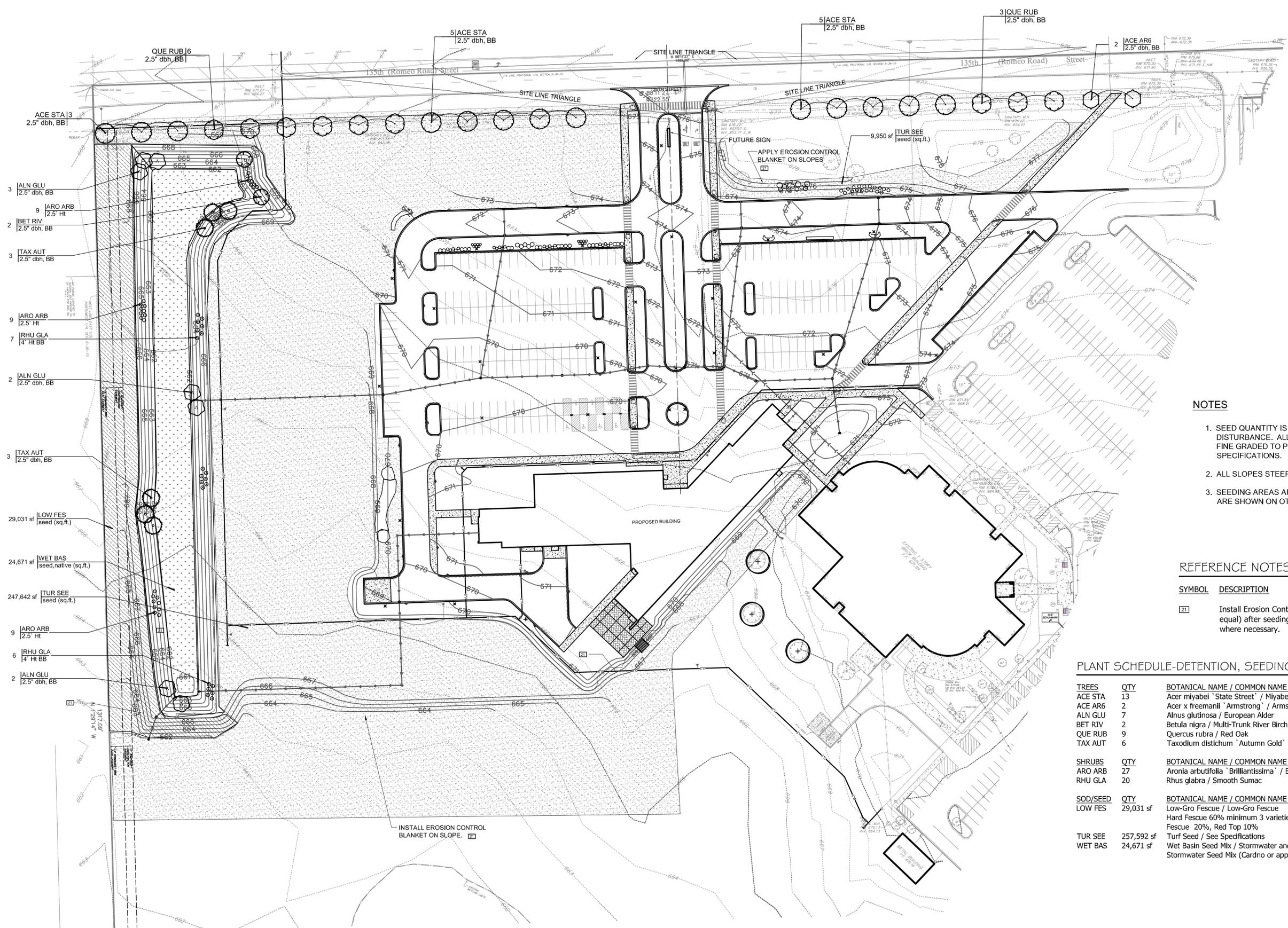
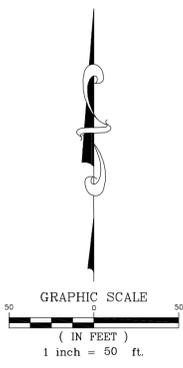


Ruettiger, Tonelli & Associates, Inc.
 Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
 129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
 PH. (815) 744-6600 FAX (815) 744-0101
 website: www.ruettigertonnelli.com

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

DRAWING TITLE:
**LANDSCAPE PLAN
 OVERALL AND SHEET INDEX**

DRAWING No.
 315-0053-L2
 SCALE:
 AS NOTED
 LANDSCAPE DEPARTMENT
 SHEET L1 OF L10



NOTES

1. SEED QUANTITY IS AN ESTIMATE OF GENERAL AREAS OF DISTURBANCE. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE FINE GRADED TO PROMOTE POSITIVE DRAINAGE AND SEEDED PER SPECIFICATIONS.
2. ALL SLOPES STEEPER THAN 8:1 SHALL BE COVERED WITH BLANKET.
3. SEEDING AREAS AROUND BUILDINGS AND IN PARKING LOT ISLANDS ARE SHOWN ON OTHER PLAN SHEETS.

REFERENCE NOTES SCHEDULE EROSION CONTROL BLANKET

SYMBOL	DESCRIPTION	QTY	DETAIL
[Erosion Control Blanket Symbol]	Install Erosion Control Blanket (Futerra F4Netless, or aprvrd equal) after seeding. Cut slots in blanket to install plantings, where necessary.	22,796 sf	

PLANT SCHEDULE-DETENTION, SEEDING AND PARKWAY TREES

TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
ACE STA	13	Acer miyabei 'State Street' / Miyabei Maple	2.5" dbh, BB	
ACE AR6	2	Acer x freemanii 'Armstrong' / Armstrong Freeman Maple	2.5" dbh, BB	
ALN GLU	7	Alnus glutinosa / European Alder	2.5" dbh, BB	
BET RIV	2	Betula nigra / Multi-Trunk River Birch	2.5" dbh, BB	
QUE RUB	9	Quercus rubra / Red Oak	2.5" dbh, BB	
TAX AUT	6	Taxodium distichum 'Autumn Gold' / Autumn Gold Bald Cypress	2.5" dbh, BB	
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
ARO ARB	27	Aronia arbutifolia 'Brilliantissima' / Brilliant Red Chokeberry/Red Chokeberry	2.5' Ht	
RHU GLA	20	Rhus glabra / Smooth Sumac	4' Ht BB	
SOD/SEED	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
LOW FES	29,031 sf	Low-Gro Fescue / Low-Gro Fescue	seed (sq.ft.)	
TUR SEE	257,592 sf	Hard Fescue 60% minimum 3 varieties, Bluegrass 10%, Creeping Red Fescue 20%, Red Top 10%	seed (sq.ft.)	
WET BAS	24,671 sf	Turf Seed / See Specifications	seed,native (sq.ft.)	
		Wet Basin Seed Mix / Stormwater and Emergent Wetland Seed Mix		
		Stormwater Seed Mix (Cardno or aprvrd equal)		

REVISIONS

No.	DATE	DESCRIPTION	BY
1	2-25-2016	REVISED PER JUC COMMENTS	RKS
2	4-14-2016	REVISED PER VILLAGE COMMENTS	RKS

DOCUMENTATION:

PROJECT No.: 20150053.00
 DATE: 10-14-2015
 FIELD BOOK: JJC3, P. 7-9
 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
 ROMEOVILLE CAMPUS EXPANSION
 1125 WEST 135th STREET
 ROMEOVILLE, ILLINOIS 60446**

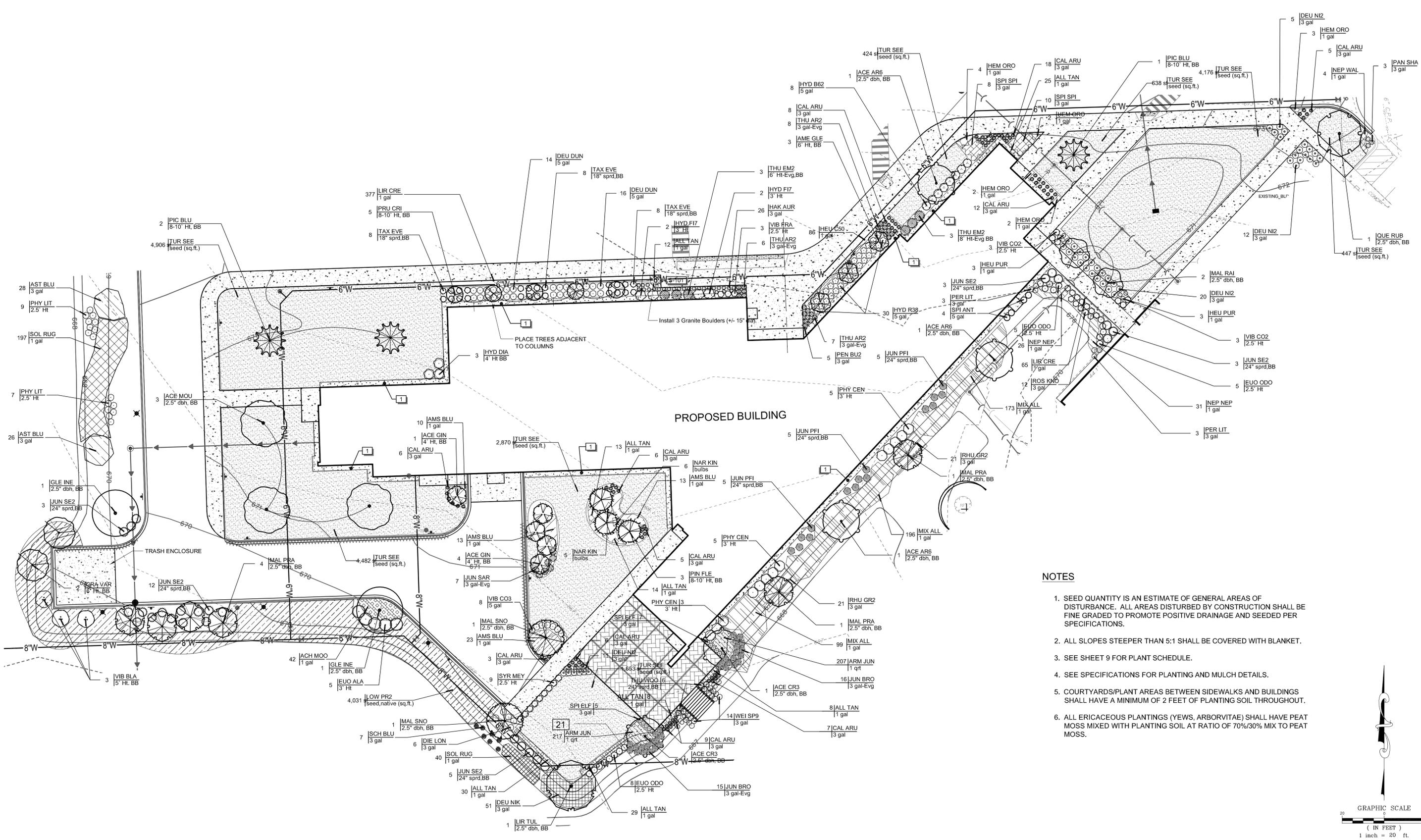
DRAWING TITLE:
**LANDSCAPE PLAN
 --
 DETENTION, SEEDING AND PARKWAY TREES**

DRAWING No.
 315-0053-L2

SCALE:
 AS NOTED

LANDSCAPE DEPARTMENT
SHEET L2 OF L10

N:\Projects\20150053\landscapes\2 - Proposed Building\2 - Landscape Plan - Sheet 2 User-Defined.dwg, Sheet 2 User-Defined, 4/15/2016 10:01:01 PM, rketter

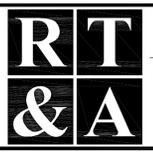


NOTES

1. SEED QUANTITY IS AN ESTIMATE OF GENERAL AREAS OF DISTURBANCE. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE FINE GRADED TO PROMOTE POSITIVE DRAINAGE AND SEEDED PER SPECIFICATIONS.
2. ALL SLOPES STEEPER THAN 5:1 SHALL BE COVERED WITH BLANKET.
3. SEE SHEET 9 FOR PLANT SCHEDULE.
4. SEE SPECIFICATIONS FOR PLANTING AND MULCH DETAILS.
5. COURTYARDS/PLANT AREAS BETWEEN SIDEWALKS AND BUILDINGS SHALL HAVE A MINIMUM OF 2 FEET OF PLANTING SOIL THROUGHOUT.
6. ALL ERICACEOUS PLANTINGS (YEWS, ARBORVITAE) SHALL HAVE PEAT MOSS MIXED WITH PLANTING SOIL AT RATIO OF 70%/30% MIX TO PEAT MOSS.

REVISIONS		
No.	DATE	DESCRIPTION
1	2-25-2016	REVISED PER JJC COMMENTS
2	4-14-2016	REVISED PER VILLAGE COMMENTS

DOCUMENTATION:
 PROJECT No.: 20150053.00
 DATE: 10-14-2015
 FIELD BOOK: JJC3, P. 7-9
 DRAWN BY: RKS
 CHECKED BY: RKS



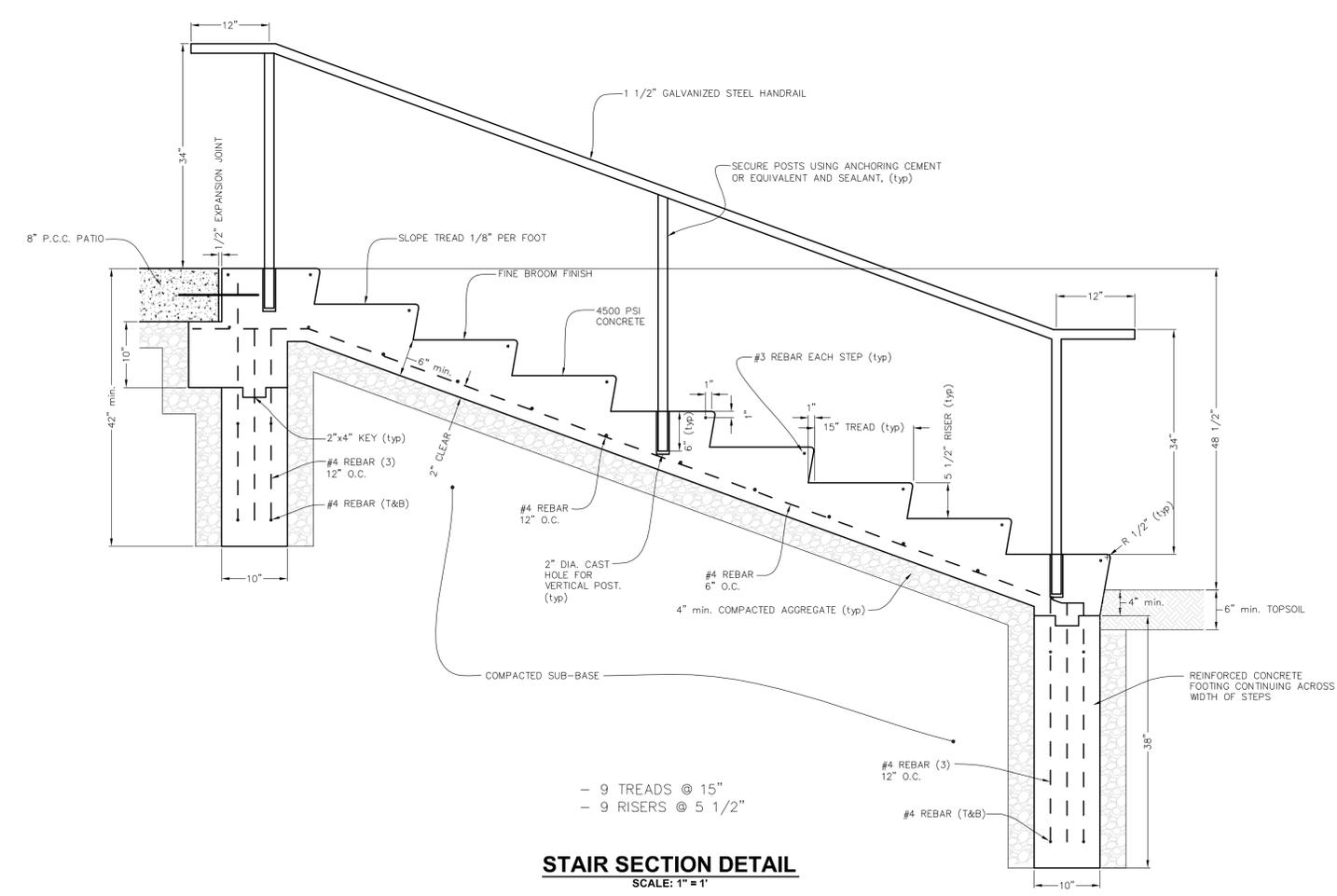
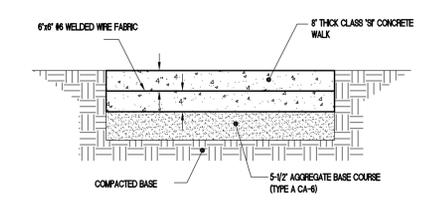
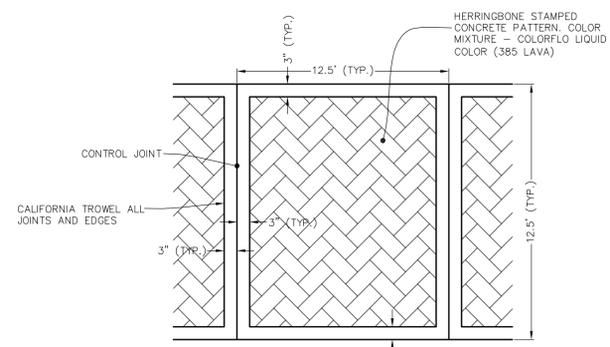
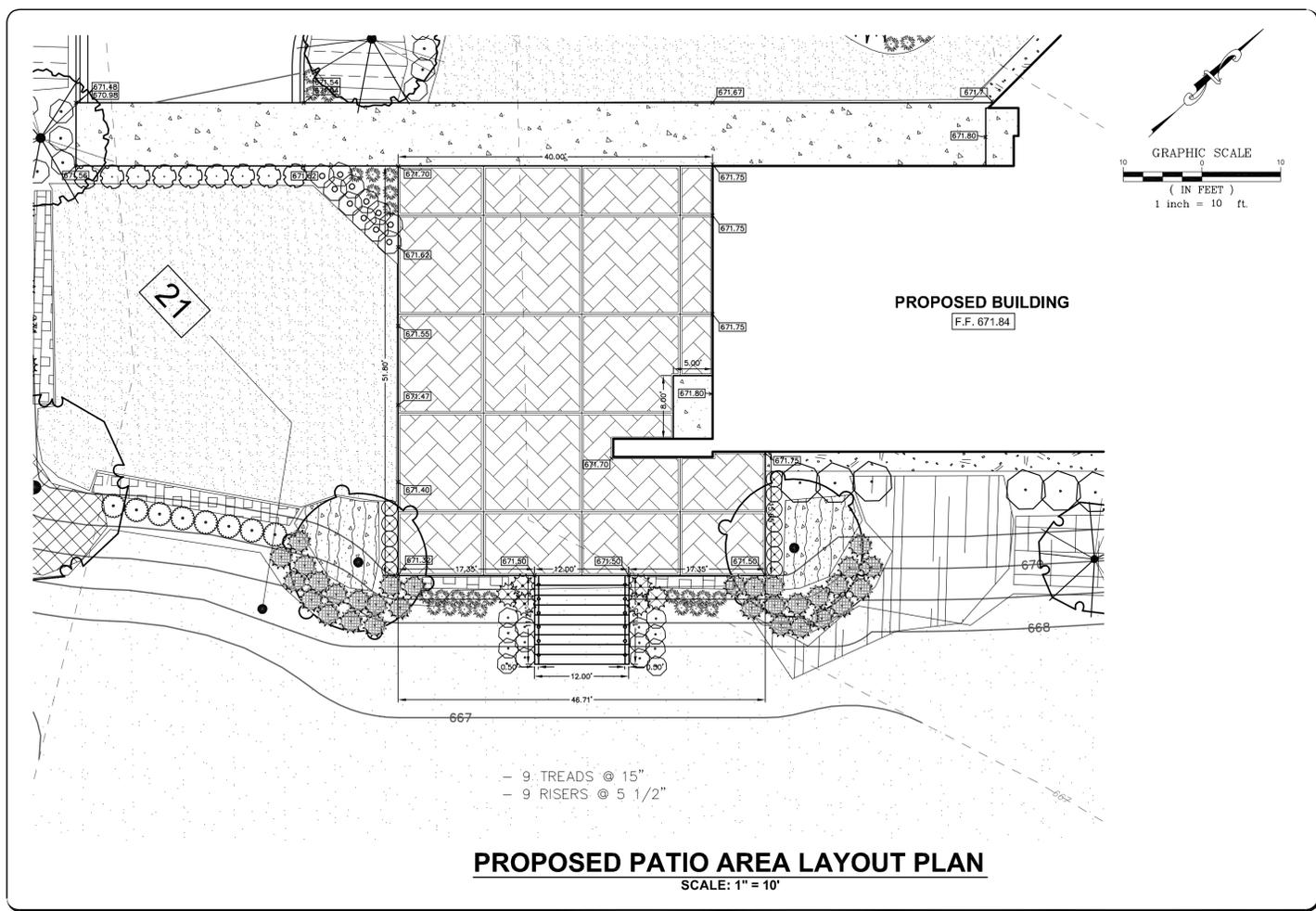
Ruettiger, Tonelli & Associates, Inc.
 Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
 129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
 PH. (815) 744-6600 FAX (815) 744-0101
 website: www.ruettigertonnelli.com

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

DRAWING TITLE:
**LANDSCAPE PLAN
 --
 NEW BUILDING AREA**

DRAWING No.
 315-0053-L2
 SCALE:
 AS NOTED
 LANDSCAPE DEPARTMENT
SHEET L4 OF L10

N:\150020\150020_Landscape\150020_Landscape_Plan_Sheet 4 New_BB04_4152016_1030217.rvt, rvtmake



REVISIONS		
No.	DATE	DESCRIPTION
1	2-25-2016	REVISED PER JJC COMMENTS
2	4-14-2016	REVISED PER VILLAGE COMMENTS

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 10-14-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: RKS
CHECKED BY: RKS

RT & A
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
ROMEovILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEovILLE, ILLINOIS 60446**

DRAWING TITLE:
**LANDSCAPE PLAN
--
NEW BUILDING PATIO**

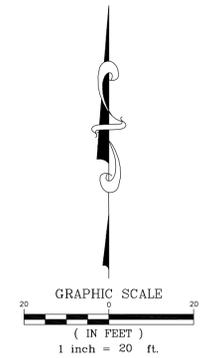
DRAWING No.
315-0053-L2
SCALE:
AS NOTED
LANDSCAPE DEPARTMENT
SHEET L5 OF L10

N:\1500\20150053\Landscaping\150053-L2-Proposed Building\150053-L2-Proposed Building-Landscape.dwg, Sheet 5 New Building Patio, 4/14/2016 3:32:08 PM, rks



GENERAL NOTES

1. ALL DEBRIS SHALL BE REMOVED OFF SITE.
2. TREES TO BE REMOVED SHALL HAVE STUMPS REMOVED OR GROUND DOWN 6" BELOW GRADE.



REVISIONS			
No.	DATE	DESCRIPTION	BY
1	2-25-2016	REVISED PER JJC COMMENTS	RKS
2	4-14-2016	REVISED PER VILLAGE COMMENTS	RKS

DOCUMENTATION:
PROJECT No.: 20150053.00
DATE: 10-14-2015
FIELD BOOK: JJC3, P. 7-9
DRAWN BY: RKS
CHECKED BY: RKS



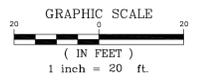
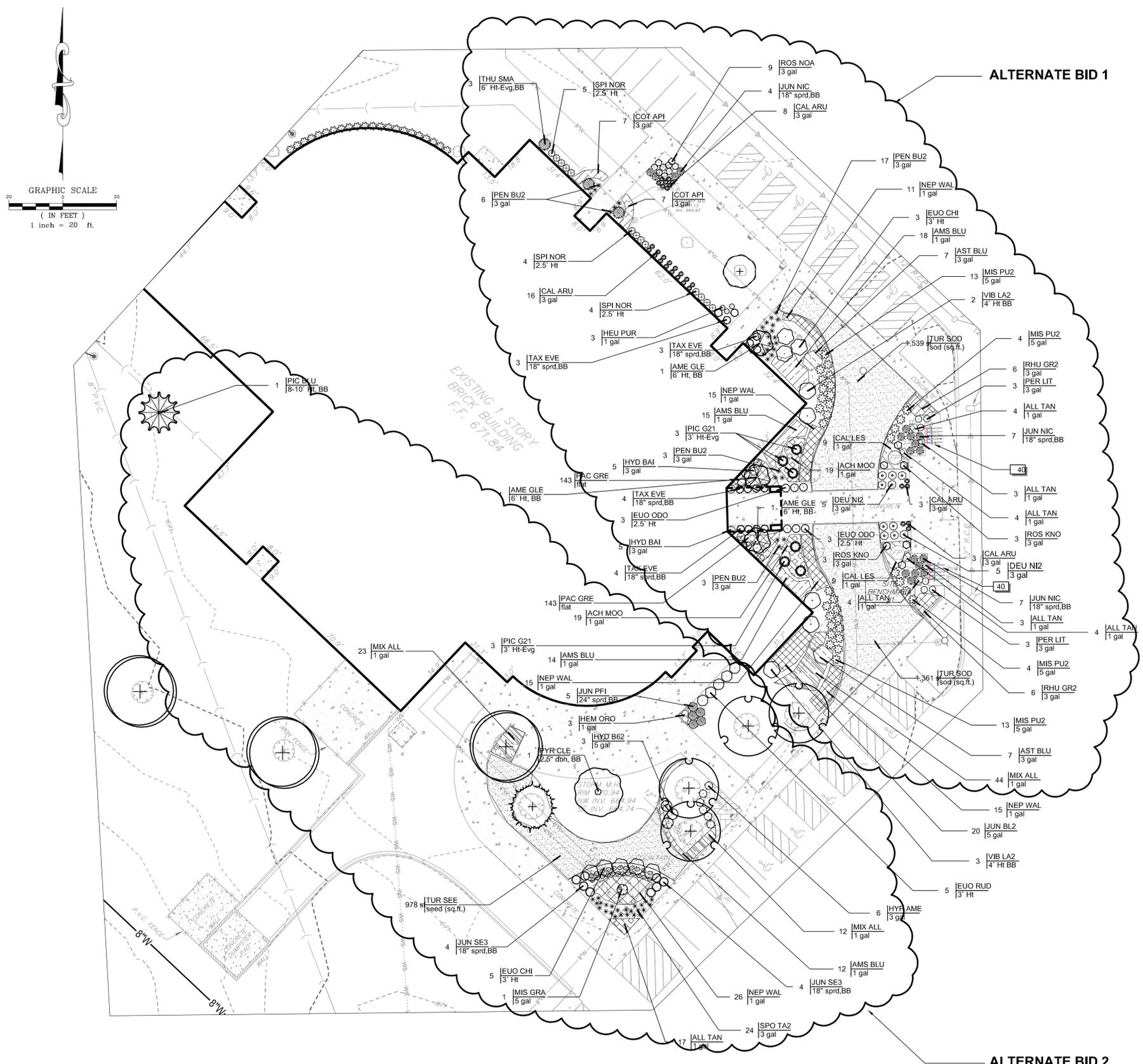
Ruettiger, Tonelli & Associates, Inc.
Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants
129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404
PH. (815) 744-6600 FAX (815) 744-0101
website: www.ruettigertonnelli.com

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

DRAWING TITLE:
**LANDSCAPE PLAN
--
LANDSCAPE DEMOLITION**

DRAWING No.
315-0053-L2
SCALE:
AS NOTED
LANDSCAPE DEPARTMENT
SHEET L6 OF L10

N:\150020\150020\150020_Landscape\150020_Landscape\150020_Landscape.dwg, Sheet 6 of 8, 8/14/2016, 3:03:19 PM, rka



PLANT SCHEDULE EXISTING BLDG-ALTERNATE 1

FLOWERING TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
AME GLE	3	Amelanchier canadensis 'Glennform' TM / Rainbow Pillar Serviceberry Multi-Stem	6' Ht, BB	
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
DEU N12	10	Deutzia gracilis 'Nikko' / Slender Deutzia	3 gal	
EUO CHI	3	Euonymus alatus 'Chicago Fire' / Chicago Fire Burning Bush	3' Ht	
EUO ODO	6	Euonymus alatus 'Odom' TM / Little Moses Dwarf Burning Bush	2.5' Ht	
HYD BAI	10	Hydrangea macrophylla 'Endless Summer' TM / Ballmer Hydrangea	3 gal	
PER LIT	6	Perovskia atriplicifolia 'Little Spire' TM / Little Spire Russian Sage	3 gal	
ROS KNO	6	Rosa acicularis 'Knock Out' / Knock Out Rose	3 gal	
ROS NOA	9	Rosa acicularis 'Noamel' TM / Appleblossom Flower Carpet Rose	3 gal	
SPI NOR	13	Spiraea japonica 'Norman' / Norman Spiraea	2.5' Ht	
VIB LA2	5	Viburnum lantana 'Mohican' / Mohican Wayfaring Tree	4' Ht BB	
ANNUALS/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
HEU PUR	3	Heuchera micrantha 'Palace Purple' / Palace Purple Coral Bells	1 gal	
EVERGREEN SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
JUN NIC	18	Juniperus chinensis 'Nick's Compact' / 'Nick's Compact' Juniper	18" sprd, BB	
PIC G21	6	Picea pungens 'Globosa' / Dwarf Globe Blue Spruce	3' Ht-Evg	
TAX EVE	14	Taxus x media 'Everlow' / Yew	18" sprd, BB	
THU SMA	3	Thuja occidentalis 'Smaragd' / Emerald Green Arborvitae	6' Ht-Evg, BB	
GRASSES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
CAL ARU	30	Calamagrostis arundinacea 'Karl Foerster' / Foerster's Feather Grass	3 gal	
MIS PU2	34	Miscanthus sinensis 'Purpureus' / Flame Grass	5 gal	
PEN BU2	29	Pennisetum alopecuroides 'Little Bunny' / Little Bunny Fountain Grass	3 gal	
SHRUB AREAS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
COT API	14	Cotoneaster apiculatus / Cranberry Cotoneaster	3 gal	30" o.c.
JUN BL2	20	Juniperus squamata 'Blue Star' / Blue Star Juniper	5 gal	30" o.c.
RHU GR2	12	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	3 gal	36" o.c.
GROUND COVERS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
PAC GRE	286	Pachysandra terminalis 'Green Carpet' / Japanese Spurge	flat	10" o.c.
GRNDCOVER/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
ACH MOO	38	Achillea x 'Moonshine' / Moonshine Yarrow	1 gal	24" o.c.
ALL TAN	12	Allium tanguticum 'Summer Beauty' / Summer Beauty Globe Lily	1 gal	25" o.c.
AMS BLU	47	Amsonia tabernaemontana 'Blue Ice' / Blue Ice Star Flower	1 gal	30" o.c.
AST BLU	14	Aster divaricatus 'Wood's Blue' / Wood's Blue Aster	3 gal	30" o.c.
CAL LES	18	Calamintha nepeta ssp. nepeta / Lesser Calamintha	1 gal	30" o.c.
MIX ALL	44	Mix Spor-Allium / Prairie Dropseed-Summer Beauty Allium Sporobolus h. 'Tara' (40%), Allium t. 'Summer Beauty' (60%) planted in drifts	1 gal	24" o.c.
NEP WAL	56	Nepeta x faassenii 'Walkers Low' / Walkers Low Catmint	1 gal	30" o.c.
SOD/SEED	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
TUR SOD	2,899 sf	Turf Sod / Bluegrass Blend	sod (sq.ft.)	

REFERENCE NOTES SCHEDULE EXISTING BLDG-ALTERNATE 1

SYMBOL	DESCRIPTION	QTY	DETAIL
[Symbol]	Serpentine Bike Rack, Wabash Valley # BRK5385; Plastirol Coating - Black, (800)-253-8619	2	

PLANT SCHEDULE EXISTING BLDG-ALTERNATE 2

TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
PYR CLE	1	Pyrus calleryana 'Cleveland Select'	2.5" dbh, BB	
EVERGREEN TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
PIC BLU	1	Picea pungens glauca / Colorado Blue Spruce	8-10' Ht, BB	
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
EUO CHI	5	Euonymus alatus 'Chicago Fire' / Chicago Fire Burning Bush	3' Ht	
EUO RUD	5	Euonymus alatus 'Rudy Haag' / Rudy Haag Burning Bush	3' Ht	
HYD B62	3	Hydrangea paniculata 'Bobo' / Bobo Hydrangea	5 gal	
HYP AME	6	Hypericum kalmianum 'Ames' / St. Johns Wort	3 gal	
EVERGREEN SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
JUN PFI	5	Juniperus chinensis 'Kallays Compact' / Kallay Compact Pfitzer Juniper	24" sprd, BB	
JUN SE3	8	Juniperus chinensis 'Sea Green' / Sea Green Juniper	18" sprd, BB	
GRASSES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
MIS GRA	1	Miscanthus sinensis 'Gracillimus' / Maiden Grass	5 gal	
SPO TA2	24	Sporobolus heterolepis 'Tara' / Prairie Dropseed	3 gal	
GRNDCOVER/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
ALL TAN	9	Allium tanguticum 'Summer Beauty' / Summer Beauty Globe Lily	1 gal	25" o.c.
AMS BLU	12	Amsonia tabernaemontana 'Blue Ice' / Blue Ice Star Flower	1 gal	30" o.c.
HEM ORO	3	Hemerocallis hybrid 'Stella de Oro' / Stella de Oro Daylily	1 gal	30" o.c.
MIX ALL	35	Mix Spor-Allium / Prairie Dropseed-Summer Beauty Allium Sporobolus h. 'Tara' (40%), Allium t. 'Summer Beauty' (60%) planted in drifts	1 gal	24" o.c.
NEP WAL	26	Nepeta x faassenii 'Walkers Low' / Walkers Low Catmint	1 gal	30" o.c.
SOD/SEED	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
TUR SEE	978 sf	Turf Seed / See Specifications	seed (sq.ft.)	

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	2-25-2016	REVISED PER JIC COMMENTS	RKS
2	4-14-2016	REVISED PER VILLAGE COMMENTS	RKS

DOCUMENTATION:
 PROJECT No.: 20150053.00
 DATE: 10-14-2015
 FIELD BOOK: JIC3, P. 7-9
 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
 ROMEOVILLE CAMPUS EXPANSION
 1125 WEST 135th STREET
 ROMEOVILLE, ILLINOIS 60446**

DRAWING TITLE:
**LANDSCAPE PLAN
 --
 EXISTING BUILDING AREA**

DRAWING No.
 315-0053-L2
 SCALE:
 AS NOTED
 LANDSCAPE DEPARTMENT
SHEET L7 OF L10

N:\Projects\20150053_Landscape\2 - Proposed Building\2 - Proposed Building.dwg, Sheet 7 of 10, 10/14/2015 10:30:56 AM, rketler

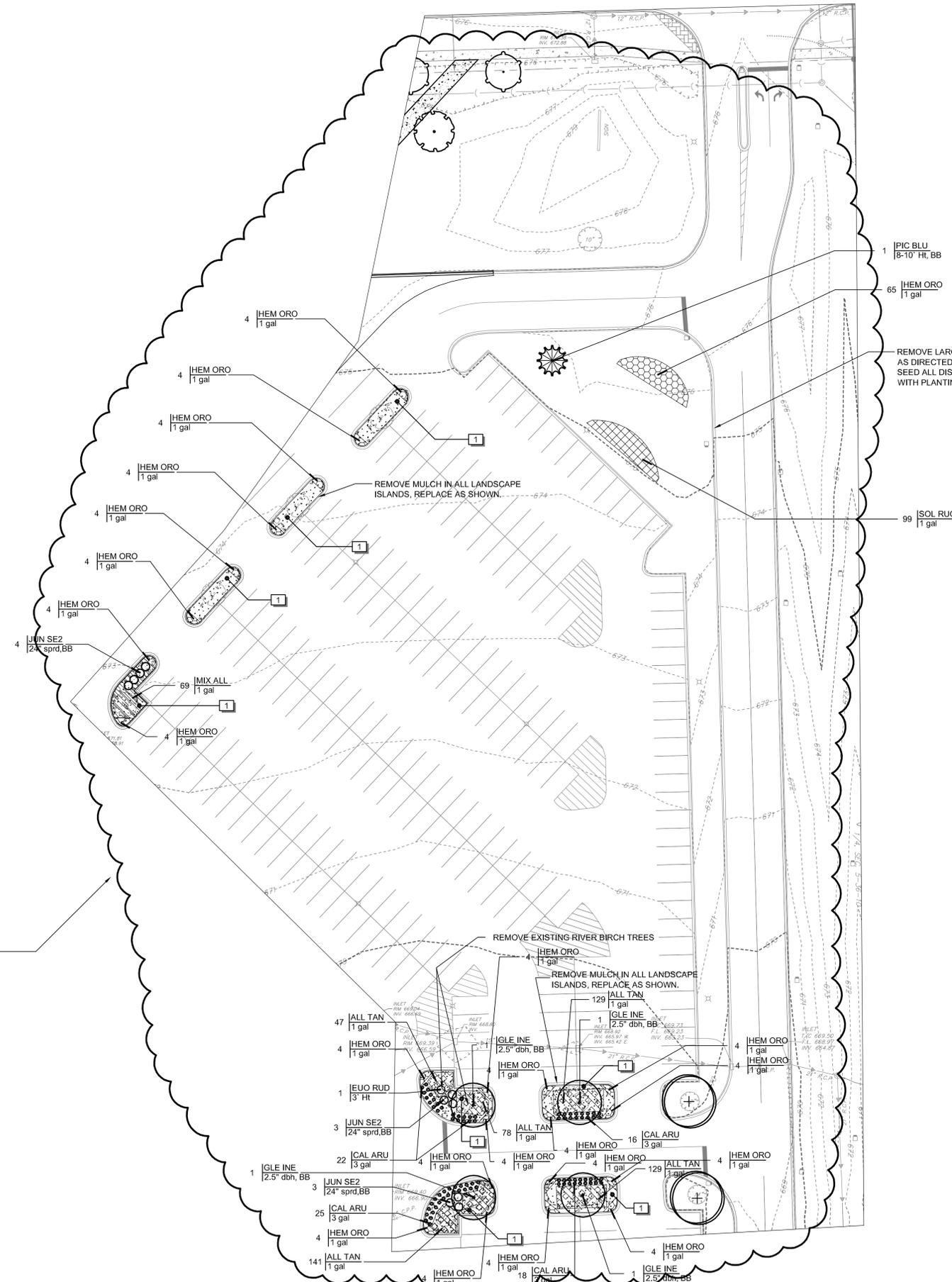
PLANT SCHEDULE EX PARKING AREA-ALTERNATE 3

TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE
GLE INE	4	Gleditsia triacanthos var. inermis 'Skycole' TM / Skyline Thornless Honey Locust	2.5" dbh, BB
EVERGREEN TREES			
PIC BLU	1	Picea pungens glauca / Colorado Blue Spruce	8-10' Ht, BB
SHRUBS			
EYO RUD	1	Euonymus alatus 'Rudy Haag' / Rudy Haag Burning Bush	3' Ht
EVERGREEN SHRUBS			
JUN SE2	10	Juniperus chinensis 'Sea Green' / Sea Green Juniper	24" sprd, BB
GRASSES			
CAL ARU	81	Calamagrostis arundinacea 'Karl Foerster' / Foerster's Feather Grass	3 gal
GRNDCOVER/PERENNIALS			
ALL TAN	272	Allium tanguticum 'Summer Beauty' / Summer Beauty Globe Lily	1 gal 25" o.c.
HEM ORO	153	Hemerocallis hybrid 'Stella de Oro' / Stella de Oro Daylily	1 gal 30" o.c.
MIX ALL	69	Mix Spor-Allium / Prairie Dropseed-Summer Beauty Allium	1 gal 24" o.c.
SOL RUG	99	Solidago rugosa 'Fireworks' / Wrinkleleaf Goldenrod	1 gal 24" o.c.

REFERENCE NOTES SCHEDULE EX PARKING AREA-ALTERNATE 3

SYMBOL	DESCRIPTION	QTY	DETAIL
1	River Rock Stone Mulch, 1.5" minimum dia., minimum 3" depth. Stone to match existing on Campus.	3,725 sf	

ALTERNATE BID 3



REVISIONS			
No.	DATE	DESCRIPTION	BY
1	2-25-2016	REVISED PER JJC COMMENTS	RKS
2	4-14-2016	REVISED PER VILLAGE COMMENTS	RKS

DOCUMENTATION:
 PROJECT No.: 20150053.00
 DATE: 10-14-2015
 FIELD BOOK: JJC3, P. 7-9
 DRAWN BY: RKS
 CHECKED BY: RKS

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

DRAWING TITLE:
**LANDSCAPE PLAN
 --
 EXISTING PARKING AREA**

DRAWING No.
 315-0053-L2
 SCALE:
 AS NOTED
 LANDSCAPE DEPARTMENT
SHEET L8 OF L10

N:\1125135\1125135_Landscape\1125135_Landscape_Plan_Sheet 8 of 10.dwg, 4/14/2016, 3:02:20 PM, rks

PLANT SCHEDULE NEW BLDG

TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
ACE CR3	2	Acer platanoides `Crimson Sentry` / Crimson Sentry Maple	2.5" dbh, BB	
ACE MOU	3	Acer saccharum `Green Mountain` TM / `Green Mountain` Sugar Maple	2.5" dbh, BB	
ACE AR6	3	Acer x freemanii `Armstrong` / Armstrong Freeman Maple	2.5" dbh, BB	
GLE INE	2	Gleditsia triacanthos var. inermis `Skycole` TM / Skyline Thornless Honey Locust	2.5" dbh, BB	
LIR TUL	1	Liriodendron tulipifera / Tulip Tree	2.5" dbh, BB	
QUE RUB	1	Quercus rubra / Red Oak	2.5" dbh, BB	
EVERGREEN TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
PIC BLU	3	Picea pungens glauca / Colorado Blue Spruce	8-10` Ht, BB	
PIN FLE	3	Pinus flexilis `Vanderwolf`'s Pyramid` / Vanderwolf`s Pyramid Pine	8-10` Ht, BB	
FLOWERING TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
ACE GIN	5	Acer ginnala `Flame` / `Flame` Amur Maple	4` Ht, BB	
AME GLE	3	Amelanchier canadensis `Glennform` TM / Rainbow Pillar Serviceberry Multi-Stem	6` Ht, BB	
CRA VAR	2	Crataegus crusgalli var. inermis TM / Thornless Cockspur Hawthorn	2.5" dbh, BB	
MAL PRA	6	Malus hybrid `Prairifire` / Prairifire Crab	2.5" dbh, BB	
MAL SNO	2	Malus hybrid `Snowdrift` / Snowdrift Crab	2.5" dbh, BB	
MAL RAI	2	Malus x `Royal Raindrops` / Royal Raindrops Crabapple	2.5" dbh, BB	
PRU CRI	5	Prunus cerasifera `Crimson Pointe` / `Crimson Pointe Flowering Plum	8-10` Ht, BB	
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
DEU DUN	30	Deutzia gracilis `Duncan` / Chardonnay Pearls Deutzia	5 gal	
DEU NI2	48	Deutzia gracilis `Nikko` / Slender Deutzia	3 gal	
DIE LON	6	Diervilla lonicera / Dwarf Bush Honeysuckle	3 gal	
EJO ALA	5	Euonymus alatus `Compactus` / Compact Burning Bush/Dwarf Burning Bush	3" Ht	
EJO ODO	18	Euonymus alatus `Odom` TM / Little Moses Dwarf Burning Bush	2.5" Ht	
HYD R38	30	Hydrangea macrophylla `Robert` / Lets Dance Moonlight Hydrangea	5 gal	
HYD B62	8	Hydrangea paniculata `Bobo` / Bobo Hydrangea	5 gal	
HYD F17	4	Hydrangea paniculata `Fire Light` / Fire Light Hydrangea	3" Ht	
HYD DIA	3	Hydrangea paniculata `Pink Diamond` / Pink Diamond Hydrangea	4" Ht BB	
PER LIT	6	Perovskia atriplicifolia `Little Spire` TM / Little Spire Russian Sage	3 gal	
PHY CEN	13	Physocarpus opulifolius `Center Glow` / Center Glow Ninebark	3" Ht	
PHY LIT	16	Physocarpus opulifolius `Little Devil` TM / Dwarf Ninebark	2.5" Ht	
ROS KNO	12	Rosa acicularis `Knock Out` / Knock Out Rose	3 gal	
SPI ELF	12	Spiraea japonica `Golden Elf` / Golden Elf Spirea	3 gal	
SPI ANT	4	Spiraea x bumalda `Anthony Waterer` / Anthony Waterer Spirea	5 gal	
SYR MEY	9	Syringa meyeri `Palibin` / Dwarf Korean Lilac	2.5" Ht	
VIB CO2	6	Viburnum carlesii `Compactum` / Korean Spice Viburnum	2.5" Ht	
VIB CO3	8	Viburnum opulus `Compactum` / Compact European Cranberrybush	5 gal	
VIB BLA	3	Viburnum prunifolium / Blackhaw Viburnum	5" Ht, BB	
VIB FRA	3	Viburnum x carlcephalum / Fragrant Snowball Viburnum	2.5" Ht	
WEI SP9	14	Weigela florida `Bokraspiwi` / Spilled Wine Weigela	3 gal	
ANNUALS/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
HEU PUR	6	Heuchera micrantha `Palace Purple` / Palace Purple Coral Bells	1 gal	
EVERGREEN SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
JUN SAR	7	Juniperus chinensis sargentii / Sargent Juniper	3 gal-Evg	
JUN PFI	15	Juniperus chinensis `Kallays Compact` / Kallay Compact Pfizer Juniper	24" sprd, BB	
JUN SE2	26	Juniperus chinensis `Sea Green` / Sea Green Juniper	24" sprd, BB	
JUN BRO	31	Juniperus sabinia `Broadmoor` / Broadmoor Juniper	3 gal-Evg	
TAX EVE	24	Taxus x media `Everlow` / Yew	18" sprd, BB	
THU AR2	21	Thuja occidentalis `Danica` / Danica Globe Arborvitae	3 gal-Evg	
THU EM2	3	Thuja occidentalis `Emerald` / Emerald Arborvitae	6" Ht-Evg, BB	
	3	Thuja occidentalis `Emerald` / Emerald Arborvitae	8" Ht-Evg BB	
THU WOO	6	Thuja occidentalis `Woodwardii` / Woodward Arborvitae	24" sprd, BB	
GRASSES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
CAL ARU	85	Calamagrostis arundinacea `Karl Foerster` / Foerster`s Feather Grass	3 gal	
HAK AUR	26	Hakonechloa macra `Aureola` / Golden Variegated Hakonechloa	3 gal	
PAN SHA	3	Panicum virgatum `Shenendoah` / Burgundy Switch Grass	3 gal	
PEN BU2	5	Pennisetum alopecuroides `Little Bunny` / Little Bunny Fountain Grass	3 gal	
SCH BLU	7	Schizachyrium scoparium `Carousel` / Carousel Little Bluestem	3 gal	
SHRUB AREAS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
DEU NIK	51	Deutzia gracilis `Nikko` / Slender Deutzia	3 gal	30" o.c.
RHU GR2	42	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac	3 gal	36" o.c.
SPI SPI	18	Spiraea japonica `Little Princess` / Little Princess Japanese Spirea	3 gal	36" o.c.
GRNDCOVER/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
ACH MOO	42	Achillea x `Moonshine` / Moonshine Yarrow	1 gal	24" o.c.
ALL TAN	139	Allium tanguticum `Summer Beauty` / Summer Beauty Globe Lily	1 gal	18" o.c.
AMS BLU	59	Amsonia tabernaemontana `Blue Ice` / Blue Ice Star Flower	1 gal	30" o.c.
ARM JUN	424	Armeria juniperifolia / Pink Thrift	1 qrt	8" o.c.
AST BLU	54	Aster divaricatus `Wood`s Blue` / Wood`s Blue Aster	3 gal	30" o.c.
HEM ORO	13	Hemerocallis hybrid `Stella de Oro` / Stella de Oro Daylily	1 gal	30" o.c.
HEU C50	86	Heuchera x `Citronelle` / Yellow Coral Bells	1 gal	12" o.c.
LIR CRE	442	Liriope spicata / Creeping Lily Turf	1 gal	10" o.c.
MIX ALL	468	Mix Spor-Allium / Prairie Dropseed-Summer Beauty Allium	1 gal	24" o.c.
		Sporobolus h. `Tara` (40%), Allium t. `Summer Beauty` (60%) planted in drifts		
NAR KIN	11	Narcissus x `King Alfred` / King Alfred Daffodil	bulbs	24" o.c.
		Plant in drifts of 5 and 7 throughout area.		
NEP NEP	57	Nepeta x faassenii `Kit Kat` / Kit Kat Nepeta	1 gal	18" o.c.
NEP WAL	4	Nepeta x faassenii `Walkers Low` / Walkers Low Catmint	1 gal	30" o.c.
SOL RUG	237	Solidago rugosa `Fireworks` / Wrinkleleaf Goldenrod	1 gal	24" o.c.
SOD/SEED	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
LOW PR2	4,031 sf	Low-Profile Prairie Seed Mix / J.F. New or approved equal	seed, native (sq.ft.)	
		Mix of low growing native grasses & forbs		
TUR SEE	19,597 sf	Turf Seed / See Specifications	seed (sq.ft.)	

PLANT SCHEDULE PARKING-BLVD ENTRY

TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
ACE STA	4	Acer miyabei `State Street` / Miyabei Maple	2.5" dbh, BB	
ACE BOW	8	Acer rubrum `Bowhall Red` / Red Maple	2.5" dbh, BB	
ACE MOU	2	Acer saccharum `Green Mountain` TM / `Green Mountain` Sugar Maple	2.5" dbh, BB	
GIN PR2	1	Ginkgo biloba `Princeton Sentry` / Princeton Sentry Ginkgo	3" dbh, BB	
		Male Only		
GLE INE	22	Gleditsia triacanthos var. inermis `Skycole` TM / Skyline Thornless Honey Locust	2.5" dbh, BB	
GYM DIO	2	Gymnodadus dioica / Kentucky Coffeetree	2.5" dbh, BB	
QUE MAC	1	Quercus macrocarpa / Burr Oak	2.5" dbh, BB	
QUE RUB	4	Quercus rubra / Red Oak	2.5" dbh, BB	
TIL MC3	8	Tilia americana `McKSentry` / Sentry Linden	2.5" dbh, BB	
ULM HOM	4	Ulmus x homestead / Elm	2.5" dbh, BB	
EVERGREEN TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
PIC BLU	5	Picea pungens glauca / Colorado Blue Spruce	8-10` Ht, BB	
FLOWERING TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
CRA VAR	6	Crataegus crusgalli var. inermis TM / Thornless Cockspur Hawthorn	6" Ht, BB	
MAL 2	3	Malus m. sargentii	6" Ht, BB	
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
BER NAN	11	Berberis thunbergii `Nana` / Crimson Pygmy Barberrry	3 gal	
COT ACU	40	Cotoneaster acutifolius / Peking Cotoneaster	3" Ht	
DIE LON	50	Diervilla lonicera / Dwarf Bush Honeysuckle	3 gal	
EJO CHI	10	Euonymus alatus `Chicago Fire` / Chicago Fire Burning Bush	3" Ht	
		9/7		
EJO ODO	12	Euonymus alatus `Odom` TM / Little Moses Dwarf Burning Bush	2.5" Ht	
PER LIT	46	Perovskia atriplicifolia `Little Spire` TM / Little Spire Russian Sage	3 gal	
PHY NIN	42	Physocarpus opulifolius `Summer Wine` / Summer Wine Ninebark	3" Ht	
RHU GRO	9	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac	3 gal	
ROS KNO	8	Rosa acicularis `Knock Out` / Knock Out Rose	3 gal	
SYR MIS	17	Syringa patula `Miss Kim` / Miss Kim Lilac	3" Ht	
EVERGREEN SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
JUN PFI	22	Juniperus chinensis `Kallays Compact` / Kallay Compact Pfizer Juniper	24" sprd, BB	
JUN COM	23	Juniperus chinensis `Pfizeriana Compacta` / Compacta Pfizer	24" sprd, BB	
JUN SE3	3	Juniperus chinensis `Sea Green` / Sea Green Juniper	18" sprd, BB	
JUN SE2	27	Juniperus chinensis `Sea Green` / Sea Green Juniper	24" sprd, BB	
GRASSES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
CAL ARU	142	Calamagrostis arundinacea `Karl Foerster` / Foerster`s Feather Grass	3 gal	
MIS GRA	2	Miscanthus sinensis `Gracillimus` / Maiden Grass	5 gal	
MIS PU2	19	Miscanthus sinensis `Purpurescens` / Flame Grass	5 gal	
SHRUB AREAS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
RHU GR2	336	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac	3 gal	36" o.c.
ROS PI2	33	Rosa acicularis `Pink Meldiland` / Pink Shrub Rose	3 gal	36" o.c.
		Growth Height at 12".		
ROS 338	32	Rosa x `Noala` / Flower Carpet Coral Groundcover Rose	3 gal	36" o.c.
GRNDCOVER/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
ALL TAN	265	Allium tanguticum `Summer Beauty` / Summer Beauty Globe Lily	1 gal	18" o.c.
CAL LES	40	Calamintha nepeta ssp. nepeta / Lesser Calamintha	1 gal	30" o.c.
CER YOY	121	Cerastium tomentosum `Yo-Yo` / Yo-Yo Snow In Summer	1 qrt	12" o.c.
HEM ORO	243	Hemerocallis hybrid `Stella de Oro` / Stella de Oro Daylily	1 gal	30" o.c.
MIX ALL	617	Mix Spor-Allium / Prairie Dropseed-Summer Beauty Allium	1 gal	24" o.c.
		Sporobolus h. `Tara` (40%), Allium t. `Summer Beauty` (60%) planted in drifts		
NAR KIN	141	Narcissus x `King Alfred` / King Alfred Daffodil	bulbs	24" o.c.
		Plant in drifts of 5 and 7 throughout area.		
NEP NEP	436	Nepeta x faassenii `Kit Kat` / Kit Kat Nepeta	1 gal	18" o.c.
SOD/SEED	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
TUR SEE	16,202 sf	Turf Seed / See Specifications	seed (sq.ft.)	

REFERENCE NOTES SCHEDULE PARKING-BLVD ENTRY

SYMBOL	DESCRIPTION	QTY	DETAIL
□	River Rock Stone Mulch, 1.5" minimum dia., minimum 3" depth. Stone to match existing on Campus.	1,157 sf	

REFERENCE NOTES SCHEDULE NEW BUILDING

SYMBOL	DESCRIPTION	QTY	DETAIL
□	River Rock Stone Mulch, 1.5" minimum dia., minimum 3" depth. Stone to match existing on Campus.	3,011 sf	
SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY	DETAIL
§-101	boulders BOULDER1-6A	3	

NOTES:

1. ADDITIONAL PLANT SCHEDULES ARE INCLUDED ON OTHER SHEETS.

REVISIONS

No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY
1	2-25-2016	REVISED PER JIC COMMENTS	RKS				
2	4-14-2016	REVISED PER VILLAGE COMMENTS	RKS				

DOCUMENTATION:

PROJECT No.: 20150053.00
 DATE: 10-14-2015
 FIELD BOOK: JIC3, P. 7-9
 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
 ROMEVILLE CAMPUS EXPANSION
 1125 WEST 135th STREET
 ROMEVILLE, ILLINOIS 60446**

DRAWING TITLE:

**LANDSCAPE PLAN
 --
 PLANT SCHEDULES**

DRAWING No.

315-0053-L2

SCALE:

AS NOTED

LANDSCAPE DEPARTMENT
 SHEET L9 OF L10

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.
- CONTRACTOR SHALL PROVIDE UNIT PRICING FOR ALL MATERIALS UNLESS STATED OTHERWISE BY BID DOCUMENTS.

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 RESEED 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 HAVE PLANT TAGS AT TIME OF INSTALLATION.
- 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

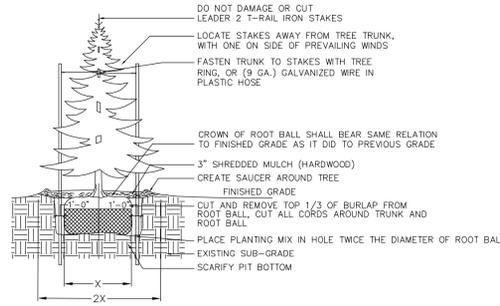
- DURING SITE PREPARATION AND PRIOR TO SEEDING, APPLY A GRANULAR, NON-BURNING FERTILIZER OF NOT LESS THAN 50% ORGANIC SLOW RELEASE PRODUCT AT A RATE OF 8 LBS. PER 1,000 SQUARE FEET.
- STARTER FERTILIZER SHALL HAVE AN APPROXIMATE ANALYSIS OF 6:24:24 OR SIMILAR APPROVED COMPOSITION.
- APPLY FERTILIZER 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

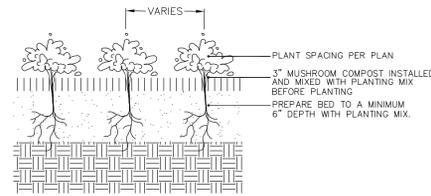
- GRASS SEED SHALL BE CLEAN, CERTIFIED SEED FREE OF NOXIOUS WEEDS AND MIXED TO THE APPROPRIATE PROPORTIONS BY WEIGHT ACCORDING TO PERCENT BY SPECIES INDICATED.
- SEED AND SOD CERTIFICATION TAGS SHALL BE PROVIDED TO THE OWNER FOR APPROVAL PRIOR TO INSTALLING. CONTRACTOR SHALL SUBMIT SOD GROWER'S CERTIFICATION OF GRASS SPECIES AND IDENTIFY LOCATION.
- TURF SEED MIX, UNLESS SPECIFIED OTHERWISE ON THE PLANS, 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 (WARMCK).
- SEED SHALL BE APPLIED AT A RATE OF 9 LBS. PER 1,000 SQUARE FEET, UNLESS NOTED OTHERWISE.
- APPLY SEED WITH A ROTARY OR DROP-TYPE DISTRIBUTOR, OR MECHANICAL SLIT-SEEDER. 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 SOIL. ROLL WITH LIGHT LAWN ROLLER.
- WITHIN 24 HOURS SEEDED AREAS SHALL BE MULCHED WITH PELLETIZED 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.

F. MAINTENANCE - WARRANTY

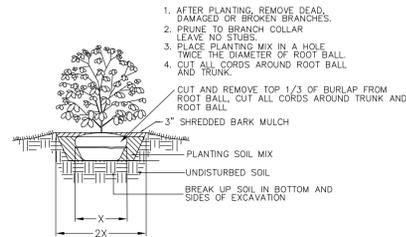
- MAINTENANCE PERIOD BEGINS AFTER EACH AREA IS PLANTED AND CONTINUES UNTIL PLANTINGS ARE ACCEPTABLY HEALTHY AND WELL-ESTABLISHED, BUT NOT FOR LESS THAN THE TYPICAL MAINTENANCE PERIODS NOTED BELOW:
 - TREES/SHRUBS: MINIMUM 12 MONTHS
 - PERENNIALS/GROUNDCOVERS: MINIMUM 3 MONTHS
 - SEEDED AREAS: MINIMUM 3 MONTHS (BEGINNING AFTER FIRST MOWING-2.5" HEIGHT)
- MAINTENANCE SHALL INCLUDE PRUNING, CULTIVATING, WATERING, WEEDING, FERTILIZING, ADJUSTING, REPAIRING, AND SPRAYING TO KEEP PLANTS FREE OF INSECTS AND DISEASE AS REQUIRED TO ESTABLISH HEALTHY, VIABLE PLANTINGS. SEEDED AREAS SHALL BE WATERED AT A RATE MEETING A MINIMUM OF 1" PER WEEK DURING ESTABLISHMENT, AND THROUGHOUT THE MAINTENANCE PERIOD UNTIL FINAL ACCEPTANCE. WATERING OF TREES AND SHRUBS SHALL CONSIST OF A THOROUGH SOAKING EVERY 18 DAYS AT MINIMUM, BETWEEN APRIL 15 AND NOVEMBER 15, UNLESS CONDITIONS REQUIRE MORE OR LESS FREQUENT WATERING.
- PLANT MATERIAL SHALL BE WARRANTED AGAINST DEATH AND UNSATISFACTORY GROWTH FROM THE DATE OF SUBSTANTIAL COMPLETION AT 100% OF INSTALLED PRICE AS FOLLOWS:
 - TREES AND SHRUBS: 12 MONTHS
 - PERENNIALS/GROUNDCOVERS: 3 MONTHS
 - SEEDED AREAS: 3 MONTHS
- PLANT MATERIAL INSTALLED IN THE FALL (SEPTEMBER OR LATER) SHALL HAVE MAINTENANCE AND WARRANTY POSTPONED TO SPRING SEASON.
- LAWN/ SEEDED AREAS SHALL BE ACCEPTED PROVIDED AT THE END OF THE MAINTENANCE PERIOD A HEALTHY, UNIFORM, CLOSE STAND OF GRASS HAS BEEN ESTABLISHED, FREE OF WEEDS, DEBRIS, AND SURFACE IRREGULARITIES WITH COVERAGE EXCEEDING 90% OVER ANY 10 SQUARE FEET AREA AND BARE SPOTS NOT EXCEEDING 5" X 5". AREAS NOT MEETING THIS CRITERIA SHALL BE RE-SEEDED AT CONTRACTOR'S EXPENSE.
- ANY NECESSARY MEANS TO MEET THE ABOVE CRITERIA IS TO BE INCLUDED IN THE COST OF INSTALLATION. WATERING FOR SEASONAL PLANTING TIMES ARE INCIDENTAL TO THE CONTRACT.
- 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.
- PER VILLAGE LANDSCAPING CODE, AFTER COMPLETION OF WARRANTY PERIODS, PROPERTY OWNERS SHALL BE RESPONSIBLE FOR MAINTAINING ALL LANDSCAPING SHOWN ON THE APPROVED LANDSCAPE PLAN THROUGHOUT THE LIFE OF THE DEVELOPMENT.



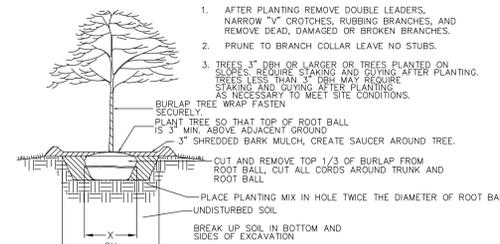
1 CONIFEROUS TREE DETAIL
SCALE: NOT TO SCALE



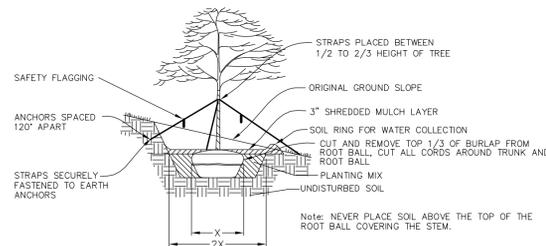
2 ANNUAL, PERENNIAL & GROUND COVER DETAIL
SCALE: NOT TO SCALE



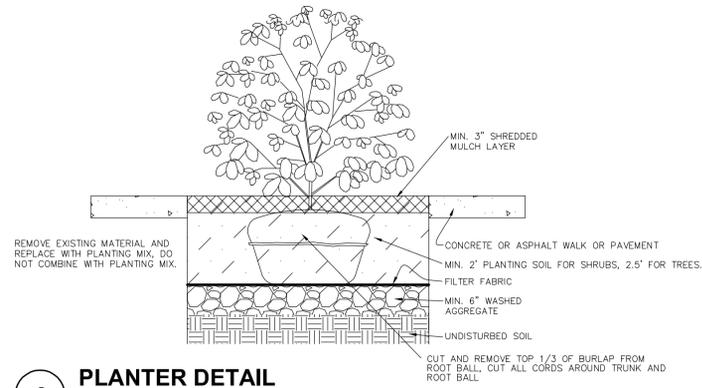
3 SHRUB PLANTING DETAIL
SCALE: NOT TO SCALE



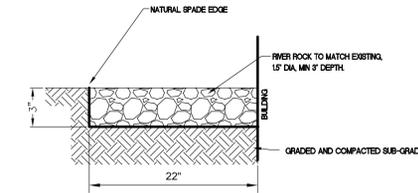
4 TREE PLANTING DETAIL
SCALE: NOT TO SCALE



5 SLOPE PLANTING DETAIL
SCALE: NOT TO SCALE



6 PLANTER DETAIL
SCALE: NOT TO SCALE



7 ROCK MULCH DETAIL
SCALE: NOT TO SCALE

ALTERNATE BID 1

PRODUCT: SERPENTINE BIKE RACK, SURFACE MOUNT DESCRIPTION: WABASH VALLEY, OR APPROV. EQUAL (800) 253-8619 WITH OR WITHOUT LEAN BAR

BRK538S

LAG BOLT
CONCRETE

NOTES:
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. SEE MANUFACTURER'S SPECIFICATIONS.
3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.
4. POWDER COAT STAINLESS STEEL FINISH, BLACK.

8 BIKE RACK DETAIL
SCALE: NOT TO SCALE

REVISIONS

No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY
1	2-25-2016	REVISED PER JIC COMMENTS	RKS				
2	4-14-2016	REVISED PER VILLAGE COMMENTS	RKS				

DOCUMENTATION:

PROJECT No.: 20150053.00
DATE: 10-14-2015
FIELD BOOK: JJC3, P. 7-9
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
ROMEOWILLE CAMPUS EXPANSION
1125 WEST 135th STREET
ROMEOWILLE, ILLINOIS 60446**

DRAWING TITLE:

**LANDSCAPE PLAN
--
SPECIFICATIONS & DETAILS**

DRAWING No.

315-0053-L2

SCALE:

AS NOTED

LANDSCAPE DEPARTMENT
SHEET L10 OF L10

**Landscape Plans
for
JOLIET JUNIOR COLLEGE
MULTI-PURPOSE FACILITY
City of Joliet
Will County, Illinois**



SITE LOCATION MAP
NOT TO SCALE

INDEX OF LANDSCAPE SHEETS

SHEET No.	DESCRIPTION
L1.0	COVER SHEET
L2.0	SITE LANDSCAPING
L3.0	LANDSCAPE SPECIFICATIONS AND PLANTING DETAILS

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

DOCUMENTATION:

PROJECT No.: 20150058
DATE: 10-15-2015
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
MULTIPURPOSE FACILITY
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431**

DRAWING TITLE:

**LANDSCAPE PLAN
COVER SHEET**

DRAWING No.

315-0058-L1

SCALE:

AS NOTED

SHEET L0.00

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.
- CONTRACTOR SHALL PROVIDE UNIT PRICING FOR ALL MATERIALS UNLESS STATED OTHERWISE BY BID DOCUMENTS.

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 RESEEDD 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 HAVE PLANT TAGS AT TIME OF INSTALLATION.
- 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 TWIGS 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

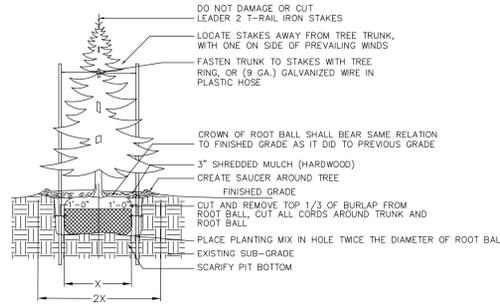
- DURING SITE PREPARATION AND PRIOR TO SEEDING, APPLY A GRANULAR, NON-BURNING FERTILIZER OF NOT LESS THAN 50% ORGANIC SLOW RELEASE PRODUCT AT A RATE OF 8 LBS. PER 1,000 SQUARE FEET.
- STARTER FERTILIZER SHALL HAVE AN APPROXIMATE ANALYSIS OF 6:24:24 OR SIMILAR APPROVED COMPOSITION.
- APPLY FERTILIZER 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. CONTRACTOR SHALL SUBMIT SOD GROWER'S CERTIFICATION OF GRASS SPECIES AND IDENTIFY LOCATION.
- TURF SEED MIX, UNLESS SPECIFIED OTHERWISE ON THE PLANS, 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 9 LBS. PER 1,000 SQUARE FEET, UNLESS NOTED OTHERWISE.
- APPLY SEED WITH A ROTARY OR DROP-TYPE DISTRIBUTOR, OR MECHANICAL SLIT-SEEDER. 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 PELLETIZED 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.

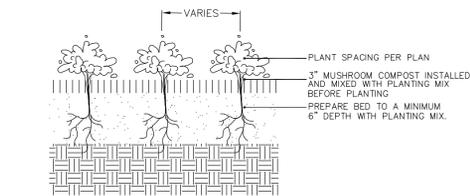
F. MAINTENANCE - WARRANTY

- MAINTENANCE PERIOD BEGINS AFTER EACH AREA IS PLANTED AND CONTINUES UNTIL PLANTINGS ARE ACCEPTABLY HEALTHY AND WELL-ESTABLISHED, BUT NOT FOR LESS THAN THE TYPICAL MAINTENANCE PERIODS NOTED BELOW:
 - TREES/SHRUBS: MINIMUM 12 MONTHS
 - PERENNIALS/GROUNDCOVERS: MINIMUM 3 MONTHS
 - SEEDED AREAS: MINIMUM 3 MONTHS (BEGINNING AFTER FIRST MOWING-2.5" HEIGHT)
- MAINTENANCE SHALL INCLUDE PRUNING, CULTIVATING, WATERING, WEEDING, FERTILIZING, ADJUSTING, REPAIRING, AND SPRAYING TO KEEP PLANTS FREE OF INSECTS AND DISEASE AS REQUIRED TO ESTABLISH HEALTHY, VIABLE PLANTINGS. SEEDED AREAS SHALL BE WATERED AT A RATE MEETING A MINIMUM OF 1" PER WEEK DURING ESTABLISHMENT, AND THROUGHOUT THE MAINTENANCE PERIOD UNTIL FINAL ACCEPTANCE. WATERING OF TREES AND SHRUBS SHALL CONSIST OF A THOROUGH SOAKING EVERY 18 DAYS AT MINIMUM, BETWEEN APRIL 15 AND NOVEMBER 15, UNLESS CONDITIONS REQUIRE MORE OR LESS FREQUENT WATERING.
- PLANT MATERIAL SHALL BE WARRANTED AGAINST DEATH AND UNSATISFACTORY GROWTH FROM THE DATE OF SUBSTANTIAL COMPLETION AT 100% OF INSTALLED PRICE AS FOLLOWS:
 - TREES AND SHRUBS: 12 MONTHS
 - PERENNIALS/GROUNDCOVERS: 3 MONTHS
 - SEEDED AREAS: 3 MONTHS
- PLANT MATERIAL INSTALLED IN THE FALL (SEPTEMBER OR LATER) SHALL HAVE MAINTENANCE AND WARRANTY POSTPONED TO SPRING SEASON.
- LAWN/SEEDED AREAS SHALL BE ACCEPTED PROVIDED AT THE END OF THE MAINTENANCE PERIOD A HEALTHY, UNIFORM, CLOSE STAND OF GRASS HAS BEEN ESTABLISHED, FREE OF WEEDS, DEBRIS, AND SURFACE IRREGULARITIES WITH COVERAGE EXCEEDING 90% OVER ANY 10 SQUARE FEET AREA AND BARE SPOTS NOT EXCEEDING 5" X 5". AREAS NOT MEETING THIS CRITERIA SHALL BE RE-SEEDED AT CONTRACTOR'S EXPENSE.
- ANY NECESSARY MEANS TO MEET THE ABOVE CRITERIA IS TO BE INCLUDED IN THE COST OF INSTALLATION. WATERING FOR SEASONAL PLANTING TIMES ARE INCIDENTAL TO THE CONTRACT.
- 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.



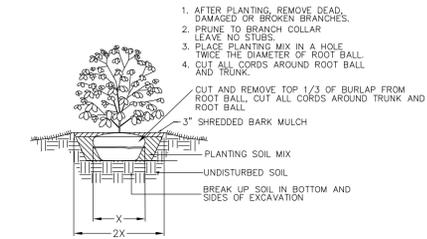
1 CONIFEROUS TREE DETAIL

SCALE: NOT TO SCALE



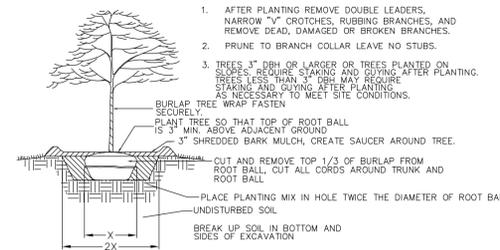
2 ANNUAL, PERENNIAL & GROUND COVER DETAIL

SCALE: NOT TO SCALE



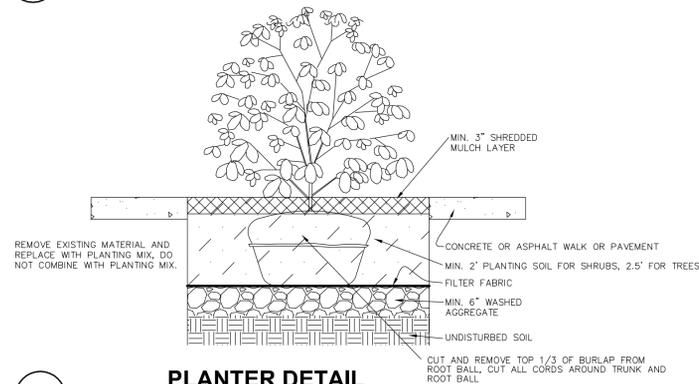
3 SHRUB PLANTING DETAIL

SCALE: NOT TO SCALE



4 TREE PLANTING DETAIL

SCALE: NOT TO SCALE



5 PLANTER DETAIL

SCALE: NOT TO SCALE

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	QTY	DETAIL
□	River Rock Stone Mulch, 1.5" minimum dia., minimum 3" depth. Stone to match existing on Campus.	3,685 sf	

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
ACE STA	3	Acer miyabei `State Street` / Miyabei Maple	2.5" dbh, BB	
ACE ARM	3	Acer rubrum `Armstrong` / Armstrong Red Maple	2.5" dbh, BB	
ACE GLO	2	Acer rubrum `October Glory` TM / October Glory Maple	2.5" dbh, BB	
ACE MOU	2	Acer saccharum `Green Mountain` TM / `Green Mountain` Sugar Maple	2.5" dbh, BB	
ACE AR6	3	Acer x freemanii `Armstrong` / Armstrong Freeman Maple	2.5" dbh, BB	
GYM DIO	1	Gymnocladus dioica / Kentucky Coffeetree	2.5" dbh, BB	
QUE MUE	1	Quercus muehlenbergii / Chinkapin Oak	2.5" dbh, BB	
FLOWERING TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
ACE GIN	2	Acer ginnala `Flame` / `Flame` Amur Maple	4' Ht, BB	
AME GRA	3	Amelanchier grandiflora `Autumn Brilliance` / `Autumn Brilliance` Serviceberry Multi-stem	6' Ht, BB	
AME BAL	2	Amelanchier x grandiflora `Ballerina` / Ballerina Serviceberry Multi-Stem	8-10' Ht, BB	
CAR FI2	4	Carpinus caroliniana `Firespire` TM / Firespire American Hornbeam	2.5" dbh, BB	
CER EAS	1	Cercis canadensis / Eastern Redbud Multi-trunk	6' Ht, BB	
MAL CAR	1	Malus hybrid `Cardinal` / Cardinal Crab	6' Ht, BB	
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
EJO CHI	14	Euonymus alatus `Chicago Fire` / Chicago Fire Burning Bush	3" Ht	
EJO ODO	13	Euonymus alatus `Odom` TM / Little Moses Dwarf Burning Bush	2.5" Ht	
HYD R38	5	Hydrangea macrophylla `Robert` / Lets Dance Moonlight Hydrangea	5 gal	
HYD OAK	1	Hydrangea quercifolia `Snow Queen` / Snow Queen Oakleaf Hydrangea	4' Ht BB	
PER LIT	7	Perovskia atriplicifolia `Little Spire` TM / Little Spire Russian Sage	3 gal	
RIB GRE	14	Ribes alpinum `Green Mound` / Green Mound Alpine Currant	3 gal	
SPI LIT	13	Spiraea x bumalda `Little Princess` / Little Princess Spirea	2" Ht	
VIB WIT	3	Viburnum cassinoides `Witherod` / Witherod Viburnum	3" Ht	
VIB BL2	12	Viburnum dentatum `Christors` TM / Blue Muffin Arrowwood	3" Ht	
ANNUALS/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
CAL WHI	5	Calamintha nepeta `White Cloud` / Lesser Calamint	1 gal	
EVERGREEN SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
JUN SP2	5	Juniperus chinensis `Spartan` / Spartan Juniper	5' Ht-Evg	
JUN SK2	6	Juniperus scopulorum `Skyrocket` / Skyrocket Juniper	4' Ht-Evg	
PIC TH5	5	Picea pungens `Thume` / Thume Dwarf Blue Spruce	3' Ht-Evg	
THU AR2	10	Thuja occidentalis `Danica` / Danica Globe Arborvitae	3 gal-Evg	
THU WOO	3	Thuja occidentalis `Woodwardii` / Woodward Arborvitae	18" sprd, BB	
GRASSES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
CAL ARU	84	Calamagrostis arundinacea `Karl Foerster` / Foerster's Feather Grass	3 gal	
MIS PU2	12	Miscanthus sinensis `Purpureascens` / Flame Grass	3 gal	
PEN ALO	12	Pennisetum alopecuroides `Hameln` / Hameln Dwarf Fountain Grass	3 gal	
PEN BU2	29	Pennisetum alopecuroides `Little Bunny` / Little Bunny Fountain Grass	3 gal	
SCH BL2	10	Schizachyrium scoparium `Blue Heaven` / Blue Heaven Little Bluestem	3 gal	
SCH `S	19	Schizachyrium scoparium `Smoke Signal` / Little Bluestem Grass	3 gal	
SES AUT	56	Sesleria autumnalis / Autumn Moor Grass	3 gal	
SHRUB AREAS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
DEU NIK	51	Deutzia gracilis `Nikko` / Slender Deutzia	3 gal	30" o.c.
JUN CO2	50	Juniperus chinensis `Pfitzerlana Compacta` / Compacta Pfitzer	3 gal	36" o.c.
JUN BL4	39	Juniperus horizontalis `Blue Chip` / Blue Chip Juniper	3 gal	30" o.c.
RHU GR2	53	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac	3 gal	36" o.c.
ROS 338	45	Rosa x `Noala` / Flower Carpet Coral Groundcover Rose	3 gal	36" o.c.
SPI EL2	74	Spiraea japonica `Golden Elf` / Golden Elf Spirea	3 gal	24" o.c.
GRNDCOVER/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
ACH MOO	33	Achillea x `Moonshine` / Moonshine Yarrow	1 gal	24" o.c.
ALL TAN	134	Allium tanguticum `Summer Beauty` / Summer Beauty Globe Lily	1 gal	18" o.c.
AMS BLU	108	Amsonia tabernaemontana `Blue Ice` / Blue Ice Star Flower	1 gal	30" o.c.
CAL LES	29	Calamintha nepeta ssp. nepeta / Lesser Calamintha	1 gal	30" o.c.
COR VER	49	Coreopsis verticillata `Moonbeam` / Threadleaf Coreopsis	1 gal	18" o.c.
HEM ORO	134	Hemerocallis hybrid `Stella de Oro` / Stella de Oro Daylily	1 gal	30" o.c.
LEU DA2	37	Leucanthemum x superbum `Daisy May` / Shasta Daisy	1 gal	18" o.c.
MIX ALL	232	Mix Spor-Allium / Prairie Dropseed-Summer Beauty Allium Sporobolus h. `Tara` (40%), Allium t. `Summer Beauty` (60%) planted in drifts	1 gal	24" o.c.
SAL NIG	134	Salvia x superba `May Night` / Meadow Sage	1 gal	12" o.c.
SED FUL	91	Sedum spurium `Fuldaglut` / Fuldaglut Stonecrop	3"pot	12" o.c.
SOD/SEED	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
TUR SEE	118,729 sf	Turf Seed / See Specifications	seed (sq.ft.)	

REVISIONS

No.	DATE	DESCRIPTION	BY

DOCUMENTATION:

PROJECT No.: 20150058
 DATE: 10-15-2015
 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
 MULTIPURPOSE FACILITY
 1215 HOUBOLT ROAD
 JOLIET, ILLINOIS 60431**

DRAWING TITLE:

**LANDSCAPE SPECIFICATIONS
 AND PLANTING DETAILS**

DRAWING No.

315-0058-L1

SCALE:

AS NOTED

SHEET L2.00