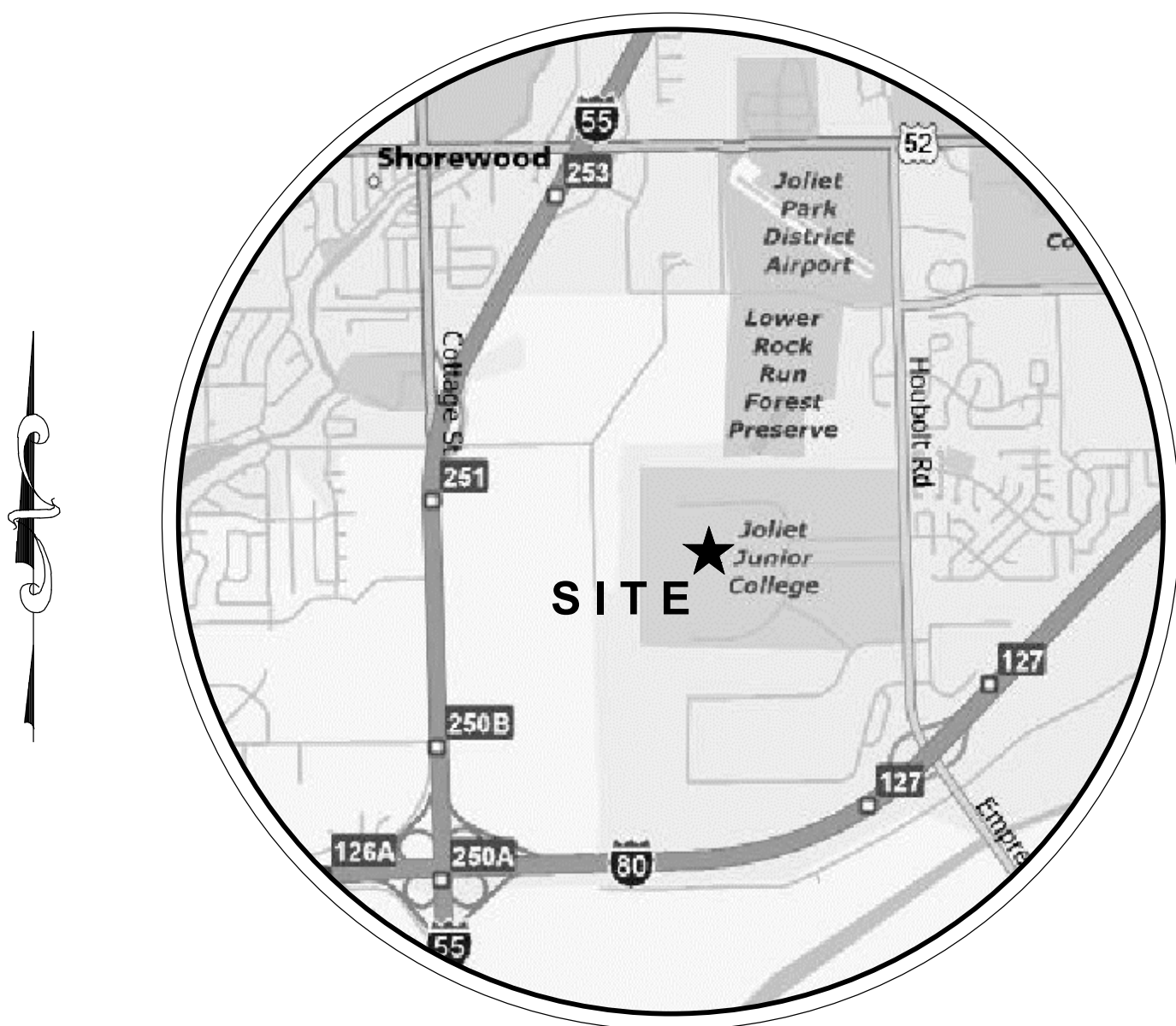


Landscape Update Plans
for
JOLIET JUNIOR COLLEGE
Building F/G Entry, Boiler House Screening
and
Parking Lot "7"



SITE LOCATION MAP
NOT TO SCALE

INDEX OF LANDSCAPE SHEETS	
SHEET No.	DESCRIPTION
L000	COVER SHEET
L100	LANDSCAPE PLAN - BUILDING F/G ENTRY
L200	BOILER HOUSE SCREENING
L300	LANDSCAPE PLAN - PARKING LOT #7
L400	LANDSCAPE SPECIFICATIONS AND PLANTING DETAILS
L500	BOILER HOUSE GATE DETAIL

City of Joliet
Will County, Illinois

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.

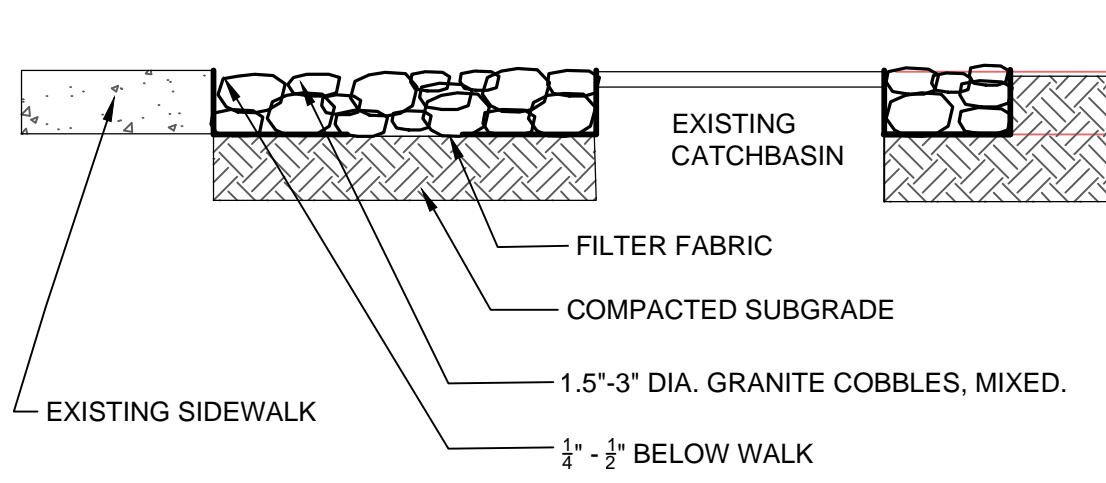
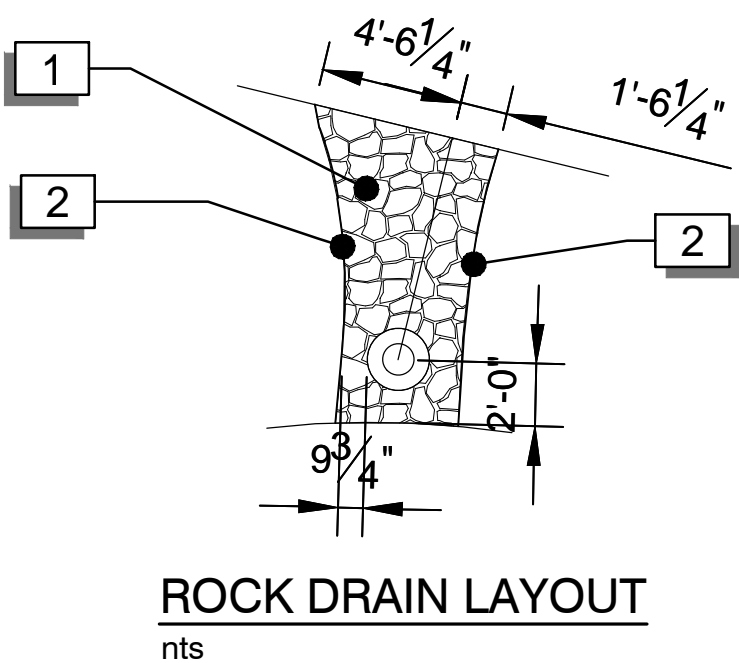
REVISIONS								<div><div>RT &A</div><div>Ruettiger, Tonelli & Associates, Inc.</div><div>Surveyors • Engineers • Planners • Landscape Architects • G.I.S. Consultants</div><div>129 CAPISTA DRIVE - SHOREWOOD, ILLINOIS 60404</div><div>PH. (815) 744-6600 FAX (815) 744-0101</div><div>website: www.ruettigertonelli.com</div></div>	DOCUMENTATION:				<div><div>PROJECT TITLE:</div><div>JOLIET JUNIOR COLLEGE LANDSCAPE PLAN UPDATES 1215 HOUBOLT ROAD JOLIET, ILLINOIS 60431</div></div>	DRAWING TITLE:				DRAWING No.	
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY		317-1269-L1										
									SCALE:										
									AS NOTED										
									SHEET L000										

PLANT SCHEDULE BLDG F/G AREA

TREES	QTY	BOTANICAL NAME / COMMON NAME	SIZE
FAG DAW	3	Fagus sylvatica `Dawyck Purple` / Dawyck Purple Beech	2" dbh, BB
FLOWERING TREES			
MAL TI2	1	Malus sargentii `Tina` / Tina Flowering Crabapple	5' Ht. B&B
MAL RAI	1	Malus x `Royal Raindrops` / Royal Raindrops Crabapple	2.5" dbh, BB
SHRUBS			
BUD L47	18	Buddleia x `Lo & Behold Blue Chip` / Lo & Behold Blue Chip Butterfly Bush	5 gal
COR AME	2	Corylus americana / American Hazelnut	4" Ht
DEU NI2	18	Deutzia gracilis `Nikko` / Slender Deutzia	3 gal
DIE K15	5	Diervilla rivularis `Kodiak Orange` / Kodiak Orange Diervilla	2.5" Ht
HYD QUI	4	Hydrangea paniculata `Quick Fire` / Hydrangea	3" Ht
ITE VIR	5	Itea virginica `Henry's Garnet` / Henry's Garnet Sweetspire	3" Ht
PER LIT	3	Perovskia atriplicifolia `Little Spire` TM / Little Spire Russian Sage	3 gal
WEI SP9	15	Weigela florida `Bokraspiwi` / Spilled Wine Weigela	5 gal
ANNUALS/PERENNIALS			
HEU GE8	9	Heuchera x `Georgia Peach` / Coral Bells	1 gal
EVERGREEN SHRUBS			
JUN SAR	6	Juniperus chinensis sargentii / Sargent Juniper	3 gal-Evg
JUN OLD	4	Juniperus chinensis `Old Gold` / Old Gold Juniper	24" sprd, BB
JUN SP2	1	Juniperus chinensis `Spartan` / Spartan Juniper	5' Ht-Evg
GRASSES			
CAL ARU	5	Calamagrostis arundinacea `Karl Foerster` / Foerster's Feather Grass	3 gal
MIS PU2	4	Miscanthus sinensis `Purpurescens` / Flame Grass	3 gal
MOL MO3	14	Molinia caerulea `Moorflame` / Moor Grass	3 gal
GRNDCOVER/PERENNIALS			
ACH MOO	7	Achillea x `Moonshine` / Moonshine Yarrow	1 gal
ALL TAN	31	Allium tanguticum `Summer Beauty` / Summer Beauty Globe Lily	1 gal
CAL LES	13	Calamintha nepeta ssp. nepeta / Lesser Calamintha	1 gal
COR CR4	28	Coreopsis x `Creme Brulee` / Creme BruleeTickseed	1 gal
HEM ORO	3	Hemerocallis hybrid `Stella de Oro` / Stella de Oro Daylily	1 gal
			SPACING
			24" o.c.
			18" o.c.
			24" o.c.
			18" o.c.
			30" o.c.

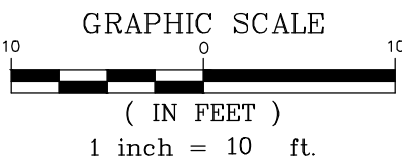
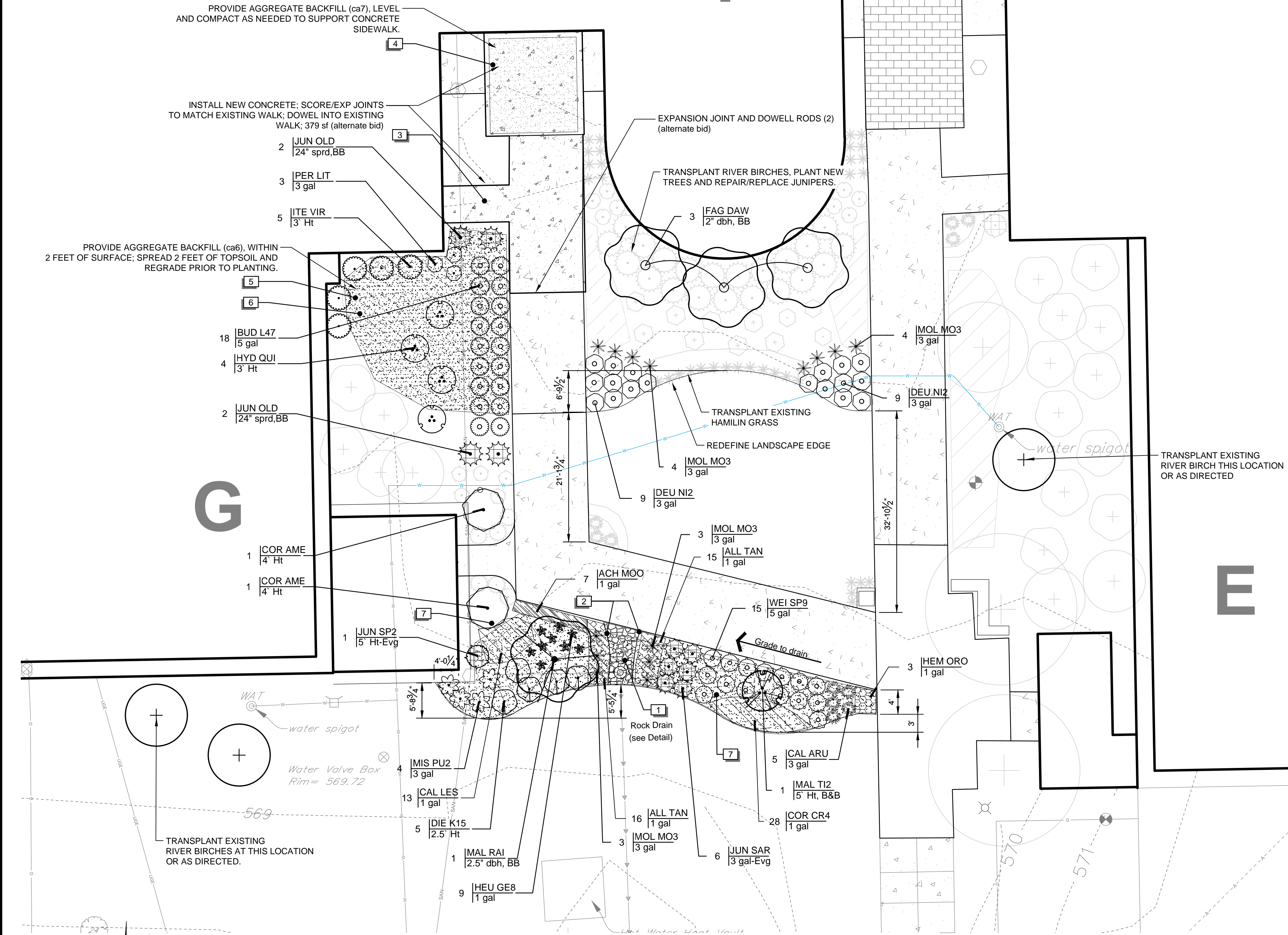
REFERENCE NOTES SCHEDULE BLDG F/G AREA

SYMBOL	DESCRIPTION	QTY	DETAIL
1	Granite Cobbles (1.5" - 2" dia mix) placed on filter fabric.	38 sf	
2	Aluminum Edging (3/16" x 5-1/2", mill finish).	19 lf	
3	Concrete Sidewalk - Match Existing (Alt Bid)	649 sf	
4	Place aggregate backfill (ca-7) in area defined on plan (~8.5' depth). Compact adequately to support new sidewalk	69.40 cy	
5	Place Aggregate backfill (ca6) to within 2 feet of surface (approx 4" depth).	78.67 cy	
6	Place topsoil to a depth of 2 feet; Regrade area defined on plan (~627 sf) to match surrounding grades and promote positive drainage.	46.42 cy	
7	Remove existing soil to a depth of 12" and replace with new planting soil suitable for plant installation. Ensure positive drainage to catch basin.	24.09 cy	



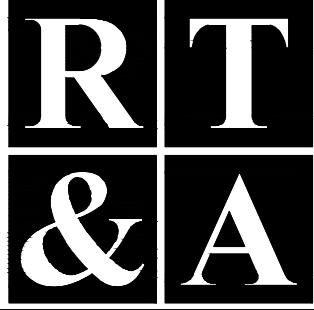
NOTES:

- Contractor shall coordinate utility locates with the College prior to any ground-disturbing work.
- Unlabelled plants are previously planted material.
- The top 12" of topsoil shall be removed from the south planting area and replaced with planting soil (+/- 650 sf).
- Several existing plants will require transplanting or removal (3 River Birch, +/- 4 small shrubs, +/- 12 Hamlin Grass). These will be directed in the field or as noted on the plans.
- Contractor to provide photographs and nursery location of "Dawyck Beech species prior to installation. Specimens to have uniformity in shape and size.
- Review layout of south planting bed with Owner, prior to planting.
- Areas disturbed by construction activity shall be restored to grade, re-seeded, re-mulched or re-planted at contractor's expense, as required to meet surrounding and previous conditions.
- See Sheet L400 for additional details and specifications.



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CHECKED BY: RKS

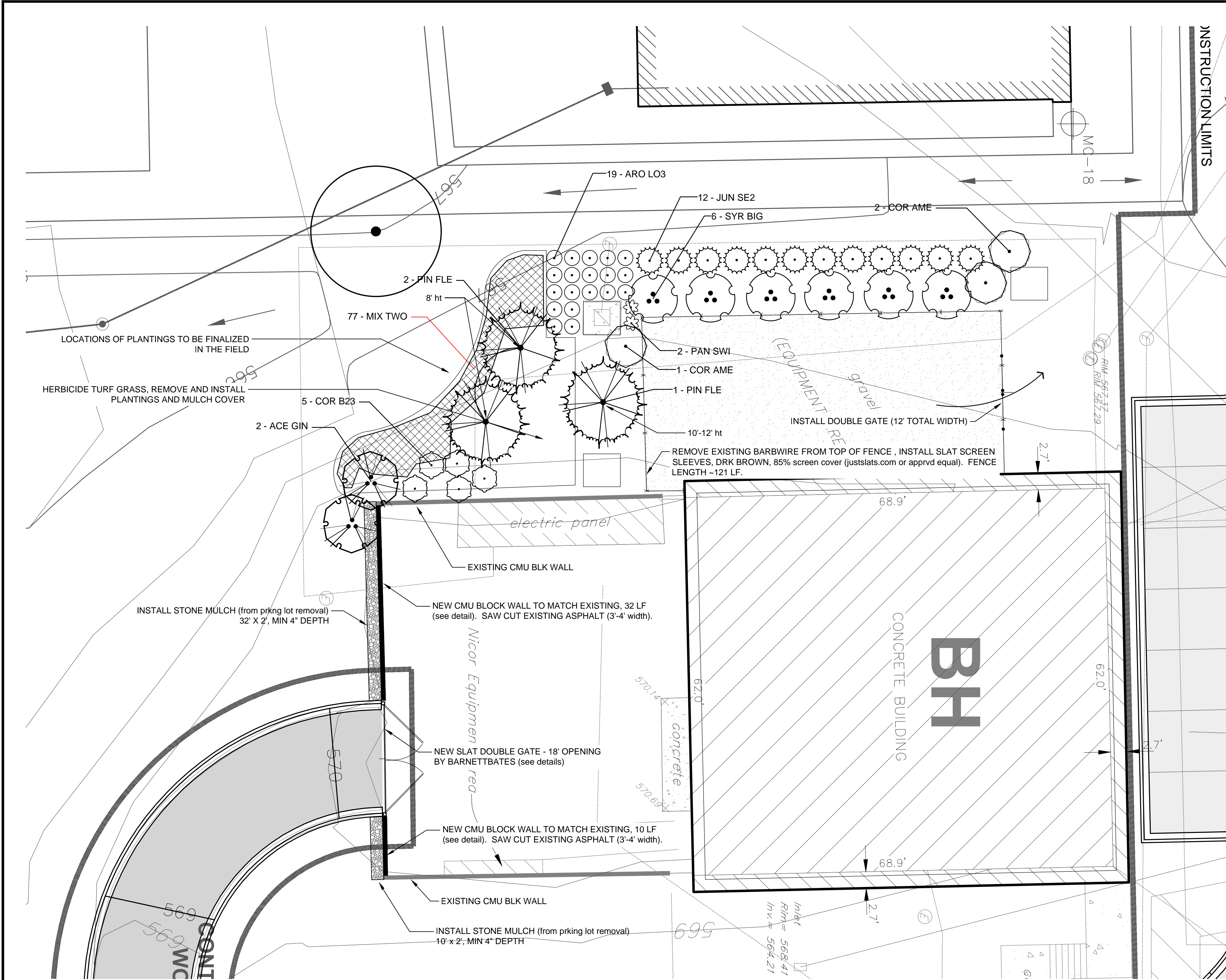


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LANDSCAPE PLAN UPDATES
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431**

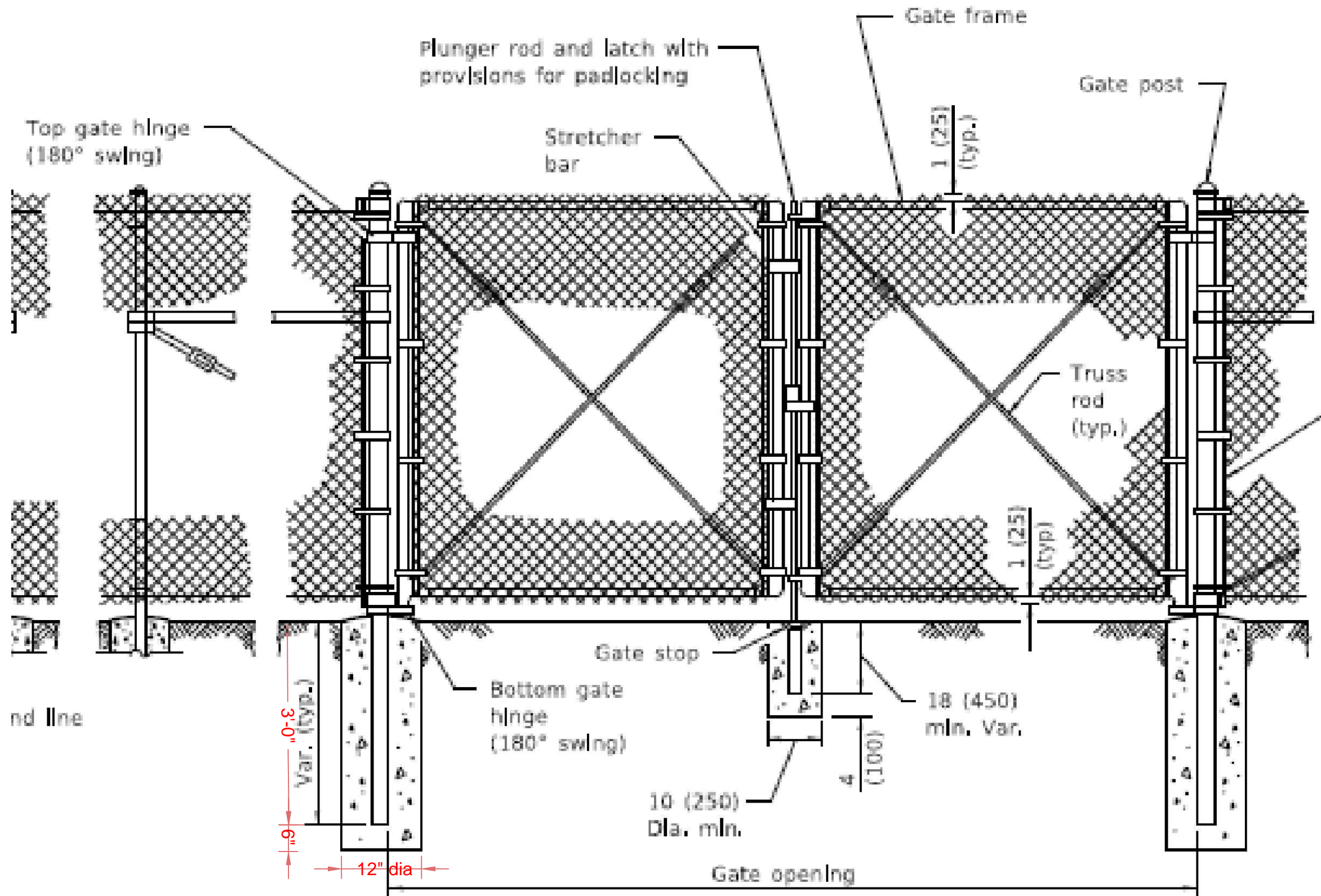
DRAWING TITLE:
**BUILDING "F" AND "G"
LANDSCAPE PLAN UPDATE**

DRAWING No.
317-1269-L1
SCALE:
AS NOTED
SHEET L100



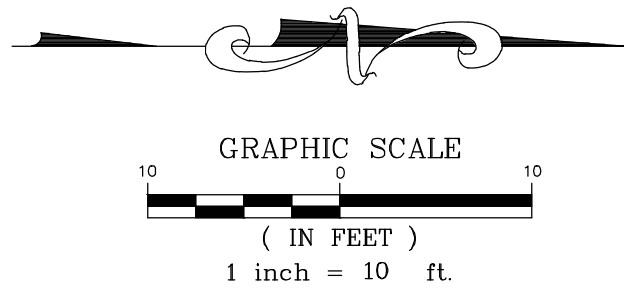
PLANT SCHEDULE BOILER WEST SIDE SCREEN

<u>EVERGREEN TREES</u>	<u>QTY</u>	<u>BOTANICAL NAME / COMMON NAME</u>	<u>SIZE</u>	
PIN FLE	1	Pinus flexilis `Vanderwolf`s Pyramid` / Vanderwolf`s Pyramid Pine	10-12` Ht, Evg	
	2	Pinus flexilis `Vanderwolf`s Pyramid` / Vanderwolf`s Pyramid Pine	8-10` Ht, BB	
<u>FLOWERING TREES</u>	<u>QTY</u>	<u>BOTANICAL NAME / COMMON NAME</u>	<u>SIZE</u>	
ACE GIN	2	Acer ginnala `Flame` / `Flame` Amur Maple	4` Ht, BB	
<u>SHRUBS</u>	<u>QTY</u>	<u>BOTANICAL NAME / COMMON NAME</u>	<u>SIZE</u>	
ARO LO3	19	Aronia melanocarpa Low Scape Mound / Lowscape Chokeberry	2` Ht	
COR B23	5	Cornus sericea `Bailadeline` / Firedance Dogwood	3` Ht	
COR AME	3	Corylus americana / American Hazelnut	4` Ht	
SYR BIG	6	Syringa vulgaris `Big Blue` / Common Lilac	8`-10` Ht. BB	
<u>EVERGREEN SHRUBS</u>	<u>QTY</u>	<u>BOTANICAL NAME / COMMON NAME</u>	<u>SIZE</u>	
JUN SE2	12	Juniperus chinensis `Sea Green` / Sea Green Juniper	24` sprd, BB	
<u>GRASSES</u>	<u>QTY</u>	<u>BOTANICAL NAME / COMMON NAME</u>	<u>SIZE</u>	
PAN SWI	2	Panicum virgatum / Switch Grass	3 gal	
<u>GRND COVER/PERENNIALS</u>	<u>QTY</u>	<u>BOTANICAL NAME / COMMON NAME</u>	<u>SIZE</u>	<u>SPACING</u>
MIX TWO	77	Mix Two Dropseed, Black-eyed Susan, Purple Coneflower / Grass-Perennial Mix 50% Rudbeckia fulgida `Goldstrum, 25% Sporobolus heterolepis `Tara`, 25% Echinacea purpurea	1 gal	24" o.c.



1. CHAINLINK FENCE GATE DETAIL

- Chainlink fence gate to meet performance, details and standards of IDOT Standard #664001-02, or approved equal.
- Gate height to match existing fence (~7' ht).
- Double gate to be total of 12' in width (two single gates ~ 6' each).
- Existing barbwire to be removed (+/- 121 LF)
- Gate Posts to be set in ground minimum of 3' with a total concrete post foundation from surface to bottom of 3.5'.
- Existing fence to be re-attached after new gate is installed and tightened as needed.

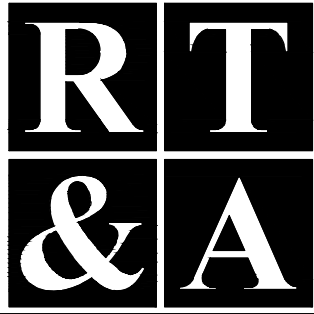


NOTES:

- Contractor shall coordinate utility locates with the College prior to any ground-disturbing work.
- Unlabelled plants are previously planted material.
- Shrubs for screen (lilacs) to have uniformity in shape and size. Suitable alternates may be approved.
- Contractor shall restore all areas of existing turf, not proposed for changes, that are disturbed during construction.
- Proposed cmu block wall to match existing wall.
- Coordinate final design of entrance gate with BarnettBates .
- See Sheet L400 and L500 for additional details and specifications.

REVISIONS				
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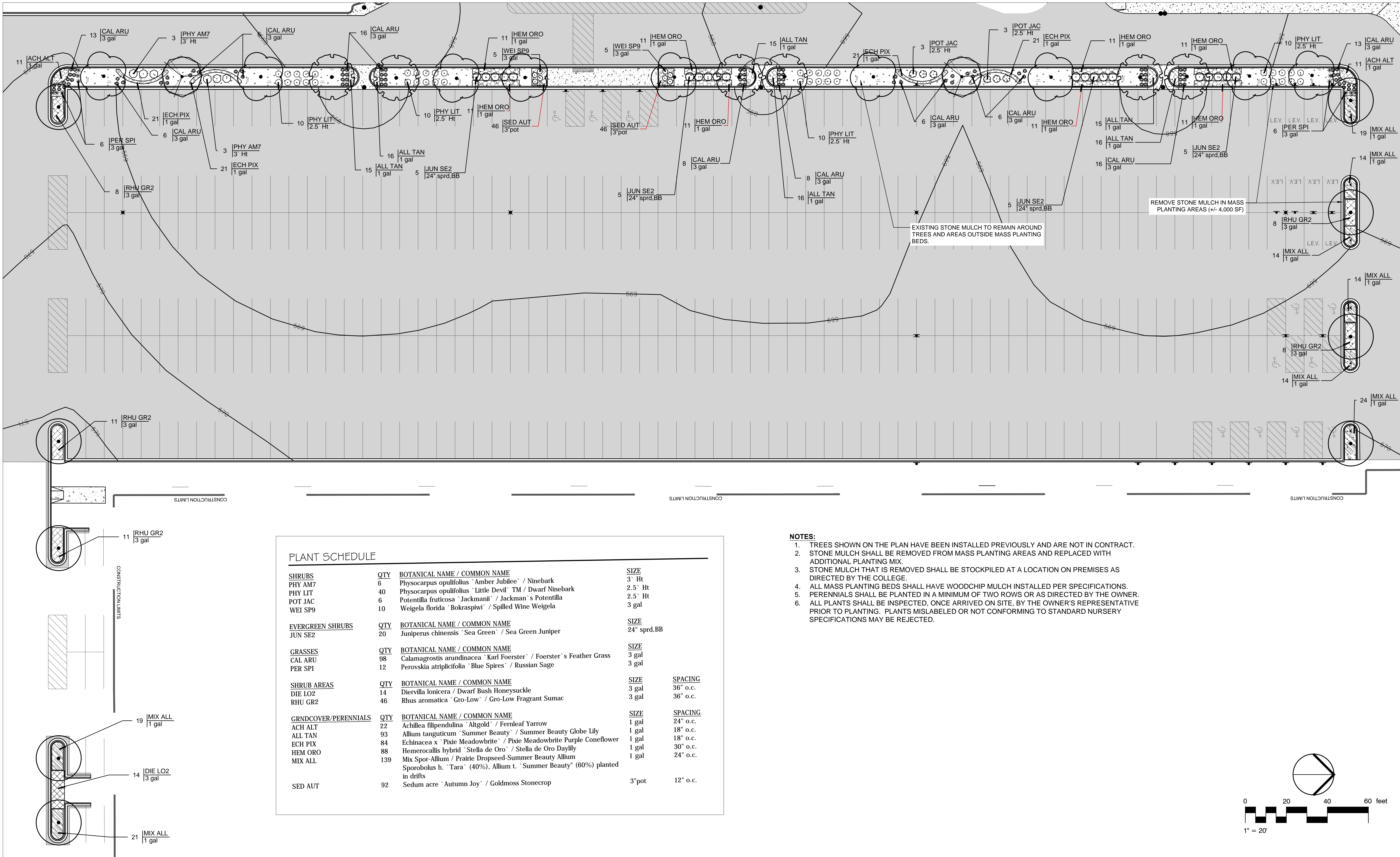
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LANDSCAPE PLAN UPDATES
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431**

DRAWING TITLE:
**LANDSCAPE PLAN
BOILER HOUSE SCREENING**

DRAWING No.
317-1269-L1
SCALE:
AS NOTED
SHEET L200

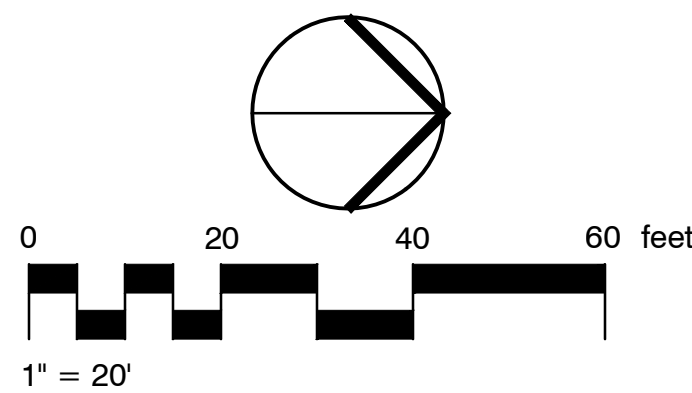


PLANT SCHEDULE

SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
PHY AM7	6	Physocarpus opulifolius `Amber Jubilee` / Ninebark	3` Ht	
PHY LIT	40	Physocarpus opulifolius `Little Devil` TM / Dwarf Ninebark	2.5` Ht	
POT JAC	6	Potentilla fruticosa `Jackmanii` / Jackman`s Potentilla	2.5` Ht	
WEI SP9	10	Weigela florida `Bokraspiwi` / Spilled Wine Weigela	3 gal	
EVERGREEN SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
JUN SE2	20	Juniperus chinensis `Sea Green` / Sea Green Juniper	24` sprd,BB	
GRASSES	QTY	BOTANICAL NAME / COMMON NAME	SIZE	
CAL ARU	98	Calamagrostis arundinacea `Karl Foerster` / Foerster`s Feather Grass	3 gal	
PER SPI	12	Perovskia atriplicifolia `Blue Spires` / Russian Sage	3 gal	
SHRUB AREAS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
DIE LO2	14	Diervilla lonicera / Dwarf Bush Honeysuckle	3 gal	36` o.c.
RHU GR2	46	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac	3 gal	36` o.c.
GRNDCOVER/PERENNIALS	QTY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING
ACH ALT	22	Achillea filipendulina `Altgold` / Fernleaf Yarrow	1 gal	24` o.c.
ALL TAN	93	Allium tanguticum `Summer Beauty` / Summer Beauty Globe Lily	1 gal	18` o.c.
ECH PIX	84	Echinacea x `Pixie Meadowbrite` / Pixie Meadowbrite Purple Coneflower	1 gal	18` o.c.
HEM ORO	88	Heimerocallis hybrid `Stella de Oro` / Stella de Oro Daylily	1 gal	30` o.c.
MIX ALL	139	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		
SED AUT	92	Sedum acre `Autumn Joy` / Goldmoss Stonecrop	3`pot	12` o.c.

NOTES:

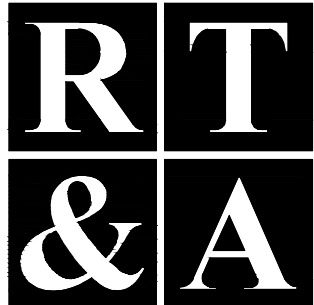
1. TREES SHOWN ON THE PLAN HAVE BEEN INSTALLED PREVIOUSLY AND ARE NOT IN CONTRACT.
2. STONE MULCH SHALL BE REMOVED FROM MASS PLANTING AREAS AND REPLACED WITH ADDITIONAL PLANTING MIX.
3. STONE MULCH THAT IS REMOVED SHALL BE STOCKPILED AT A LOCATION ON PREMISES AS DIRECTED BY THE COLLEGE.
4. ALL MASS PLANTING BEDS SHALL HAVE WOODCHIP MULCH INSTALLED PER SPECIFICATIONS.
5. PERENNIALS SHALL BE PLANTED IN A MINIMUM OF TWO ROWS OR AS DIRECTED BY THE OWNER.
6. ALL PLANTS SHALL BE INSPECTED, ONCE ARRIVED ON SITE, BY THE OWNER'S REPRESENTATIVE PRIOR TO PLANTING. PLANTS MISLABELED OR NOT CONFORMING TO STANDARD NURSERY SPECIFICATIONS MAY BE REJECTED.



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JOLIET, ILLINOIS 60431

DRAWING TITLE:

LANDSCAPE PLAN
PARKING LOT #7

DRAWING No.

317-1269-L1

SCALE:

AS NOTED

SHEET L300

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 RESEEDDED 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

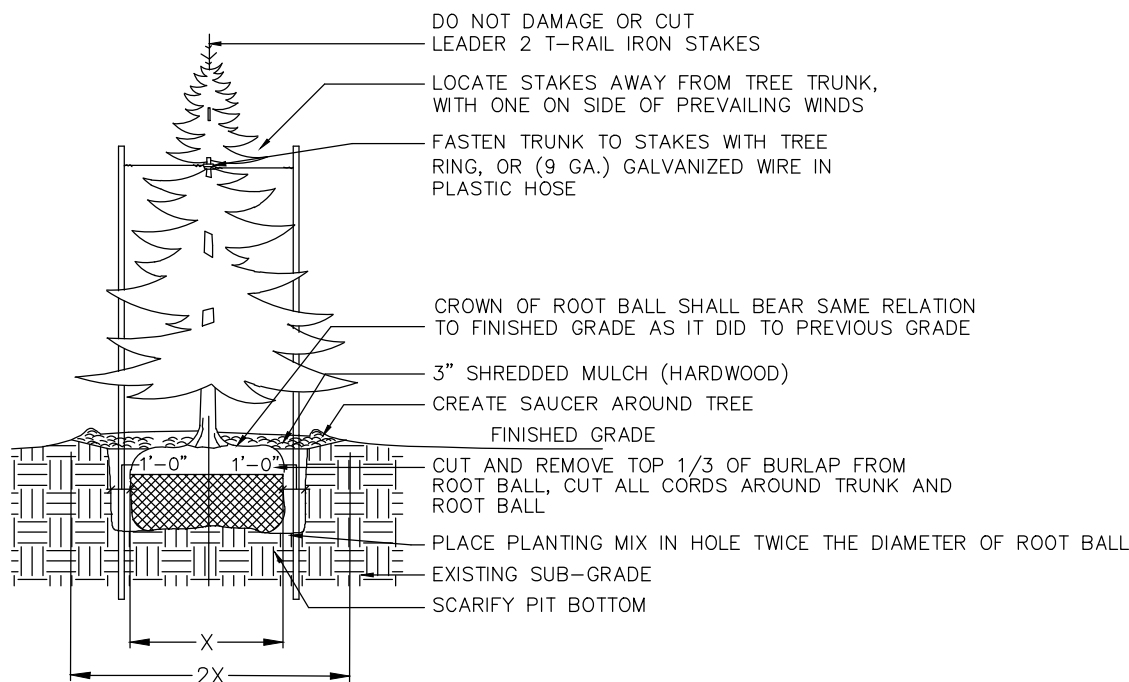
- DURING SITE PREPARATION AND PRIOR TO SEEDING, APPLY A GRANULAR, NON-BURNING FERTILIZER OF NOT LESS THAN 50% ORGANIC SLOW RELEASE PRODUCT AT A RATE OF 8 LBS. PER 1,000 SQUARE FEET.
- STARTER FERTILIZER SHALL HAVE AN APPROXIMATE ANALYSIS OF 6-24:24 OR SIMILAR APPROVED COMPOSITION.
- APPLY FERTILIZER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

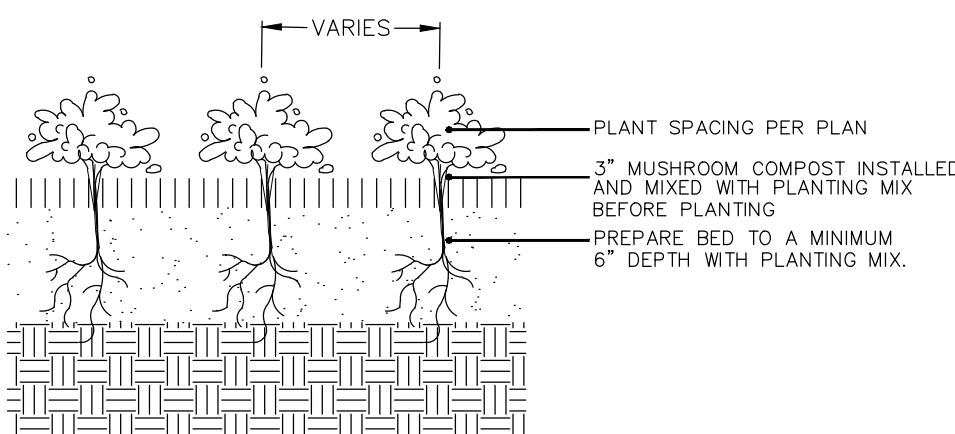
- GRASS SEED SHALL BE CLEAN, CERTIFIED SEED FREE OF NOXIOUS WEEDS AND MIXED TO THE APPROPRIATE PROPORTIONS BY WEIGHT ACCORDING TO PERCENT BY SPECIES INDICATED.
- SEED AND SOD CERTIFICATION TAGS SHALL BE PROVIDED TO THE OWNER FOR APPROVAL PRIOR TO INSTALLING. CONTRACTOR SHALL SUBMIT SOD GROWER'S CERTIFICATION 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 (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, OR MECHANICAL SUIT-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 1/2". INSTALL SOD WITHIN 48 HOURS OF CUTTING FROM NURSERY. SOD SHALL BE MINERAL BASE ONLY. SOD SHALL BE ROLLED AND ROLLED ON SLOPES.

F. MAINTENANCE - WARRANTY

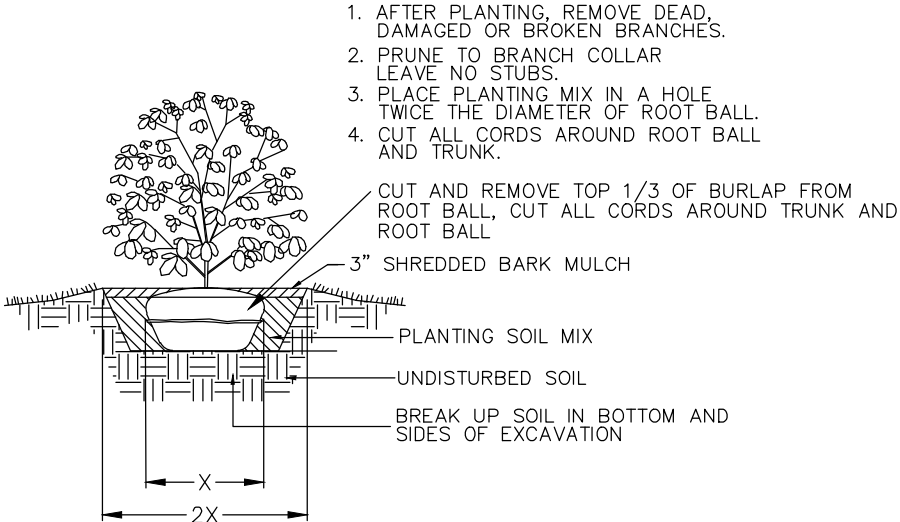
- MAINTENANCE PERIOD BEGINS AFTER EACH AREA IS PLANTED AND CONTINUES UNTIL PLANTINGS ARE ACCEPTABLY HEALTHY AND WELL-ESTABLISHED, BUT NOT FOR LESS THAN THE TYPICAL MAINTENANCE PERIODS NOTED BELOW:
 - TREES/SHRUBS: MINIMUM 12 MONTHS
 - PERENNIALS/GROUNDCOVERS: MINIMUM 3 MONTHS
 - SEEDED AREAS: MINIMUM 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.



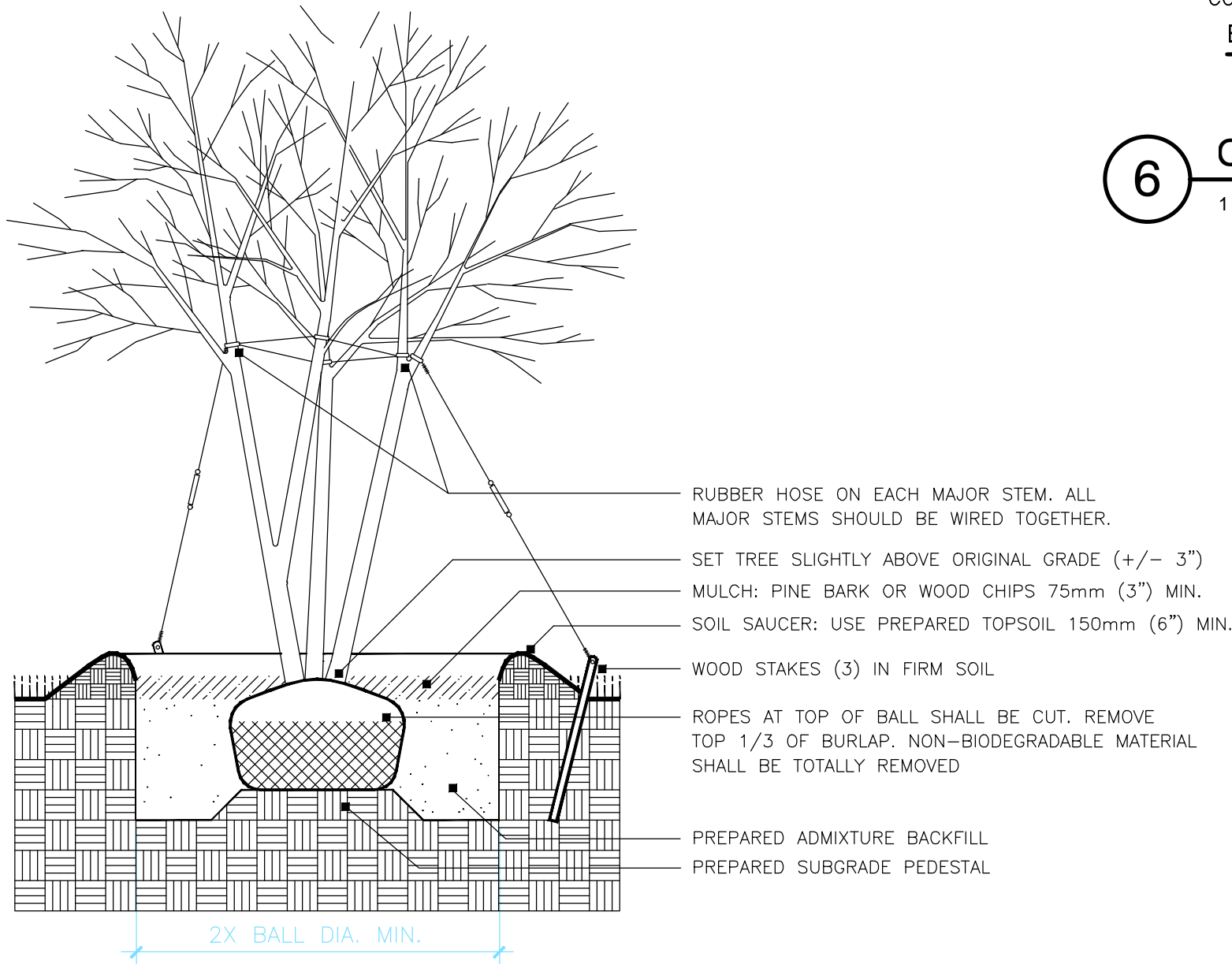
1 CONIFEROUS TREE DETAIL
SCALE: NOT TO SCALE



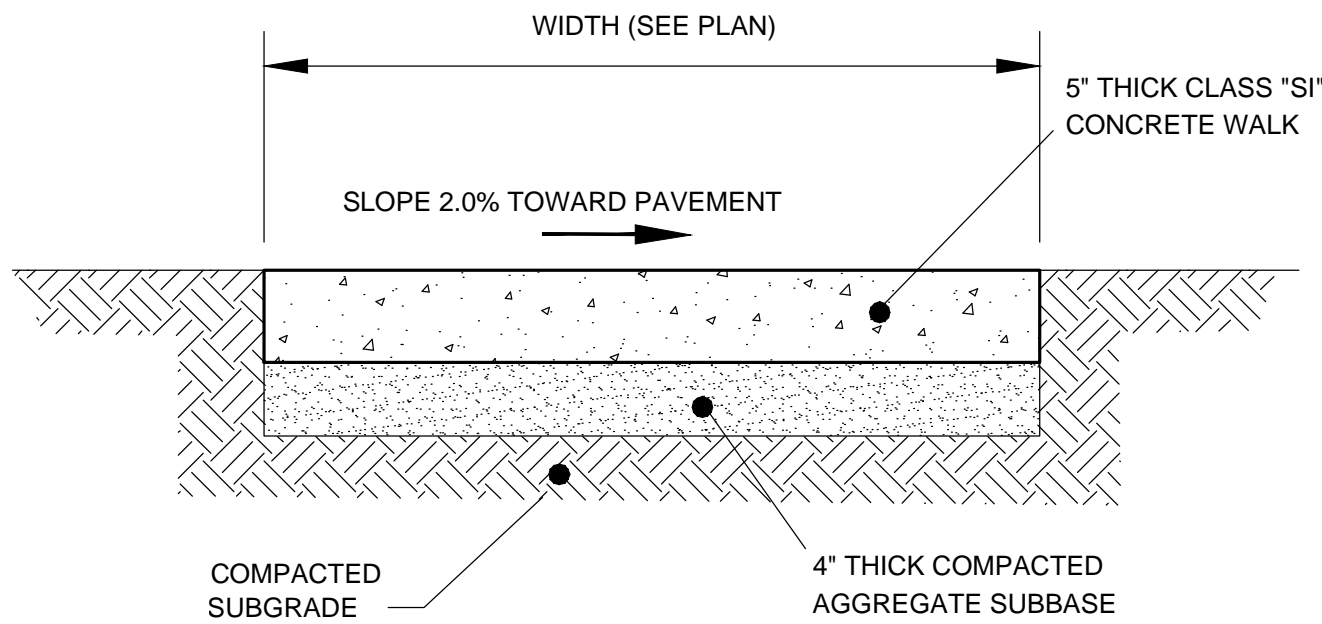
2 ANNUAL, PERENNIAL & GROUND COVER DETAIL
SCALE: NOT TO SCALE



3 SHRUB PLANTING DETAIL
SCALE: NOT TO SCALE

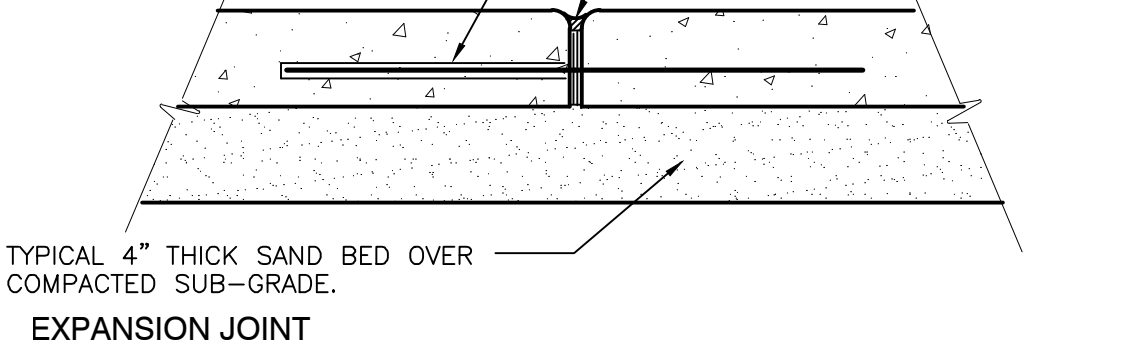
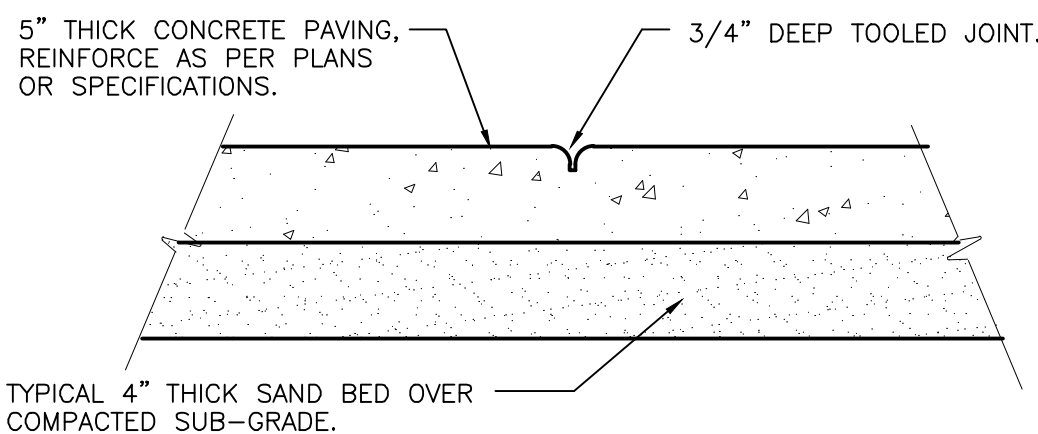


4 MULTI-STEM TREE PLANTING (windy site)
SCALE: NOT TO SCALE

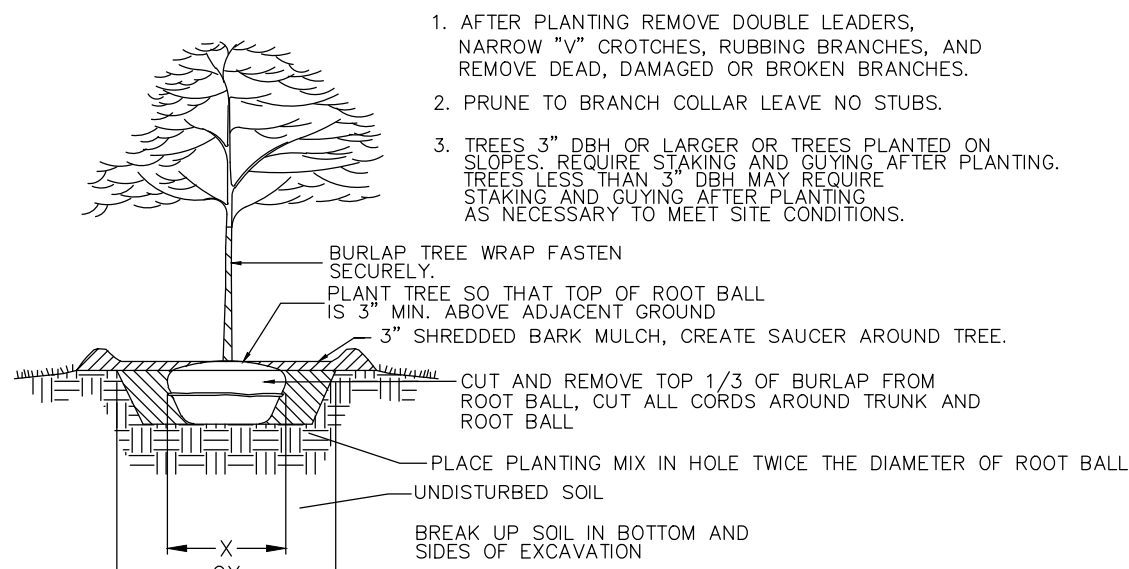


- NOTES
- SURFACE TO BE A LIGHT BROOM FINISH AT RIGHT ANGLES TO THE EDGES OF THE SIDEWALK.
 - ASPHALTIC FELT EXPANSION JOINTS SHALL BE PROVIDED 30'-0" ON CENTER WITH 1/2" DEEP CONTROL (FALSE) JOINTS 5'-0" ON CENTER.

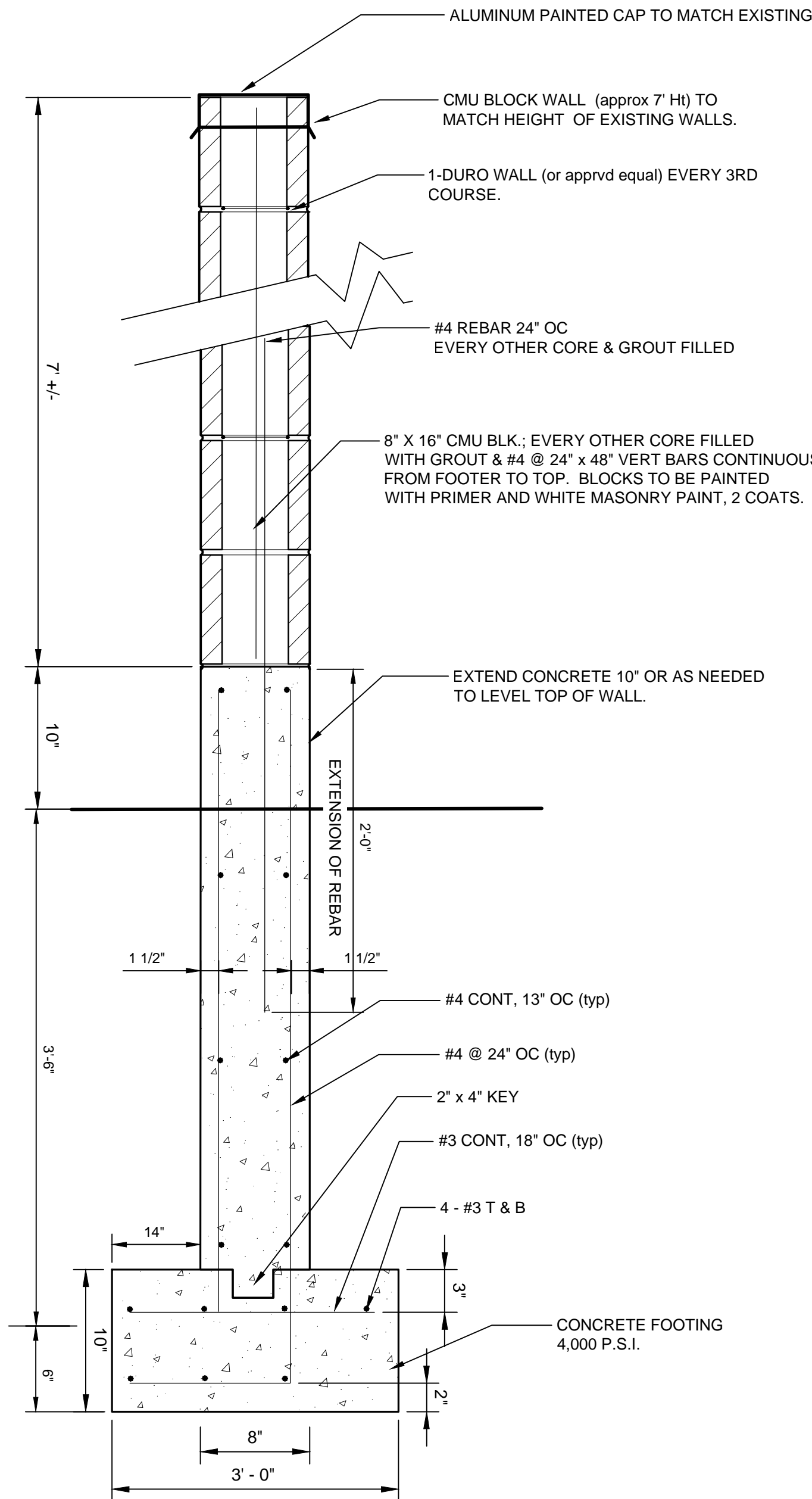
7 TYPICAL CONCRETE PAVEMENT
1 1/2" = 1'-0" 321313.13-04



6 CONCRETE EXPANSION/CONTROL
1 1/2" = 1'-0" A-CO-05



5 TREE PLANTING DETAIL
SCALE: NOT TO SCALE

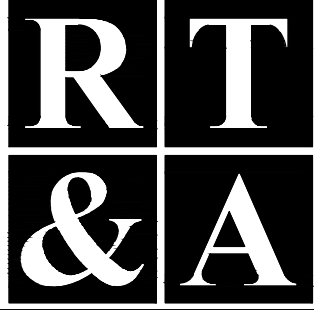


8 CMU BLOCK WALL - 8' HEIGHT
NOT TO SCALE PR-PU-JUC4-10

REVISIONS							
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY

DOCUMENTATION:

PROJECT No.: 20171269
DATE: 2-26-2018
FIELD BOOK: .
DRAWN BY: RKS
CHECKED BY: RKS



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PROJECT TITLE:

JOLIET JUNIOR COLLEGE
LANDSCAPE PLAN UPDATES
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431

DRAWING TITLE:

LANDSCAPE PLAN
SPECIFICATIONS AND DETAILS

DRAWING No.

317-1269-L1

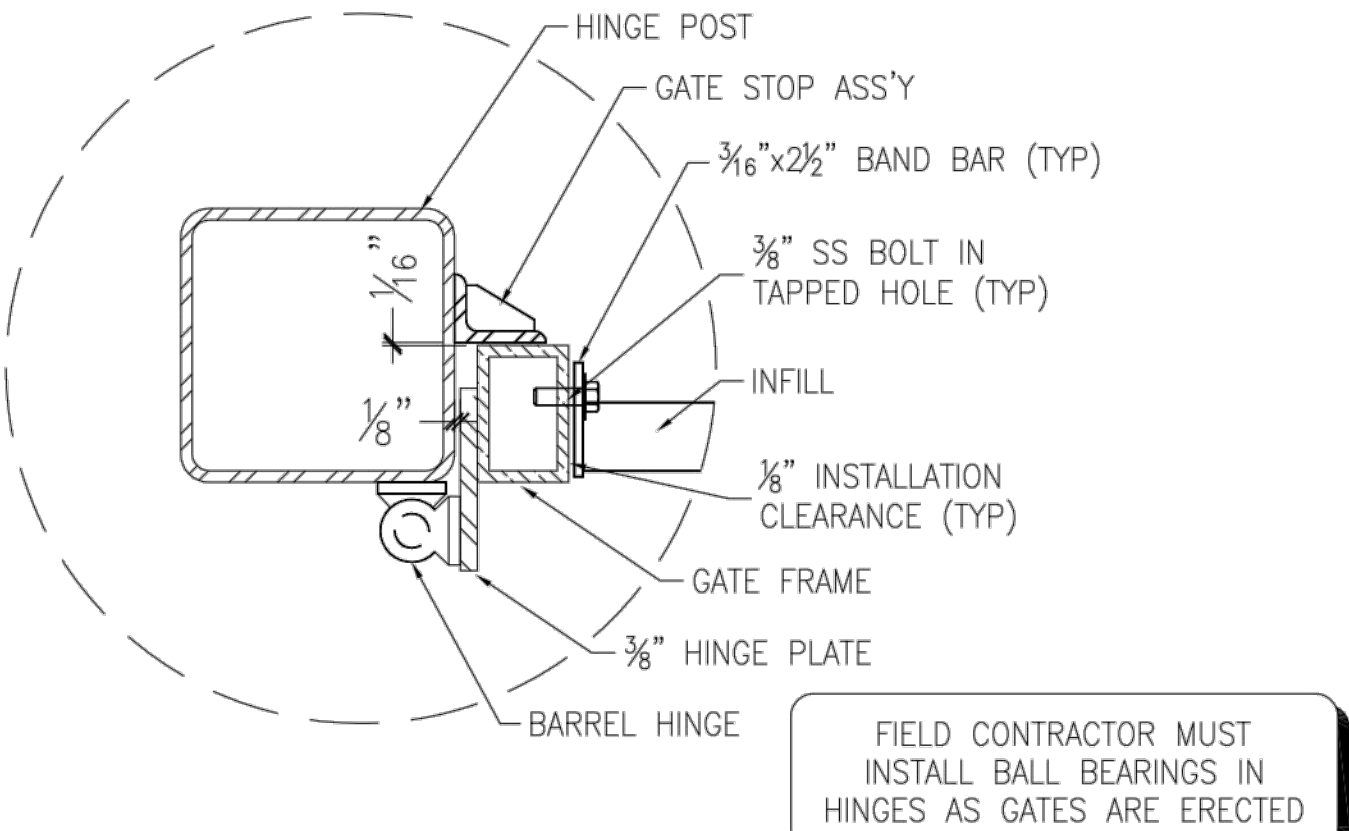
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AS NOTED

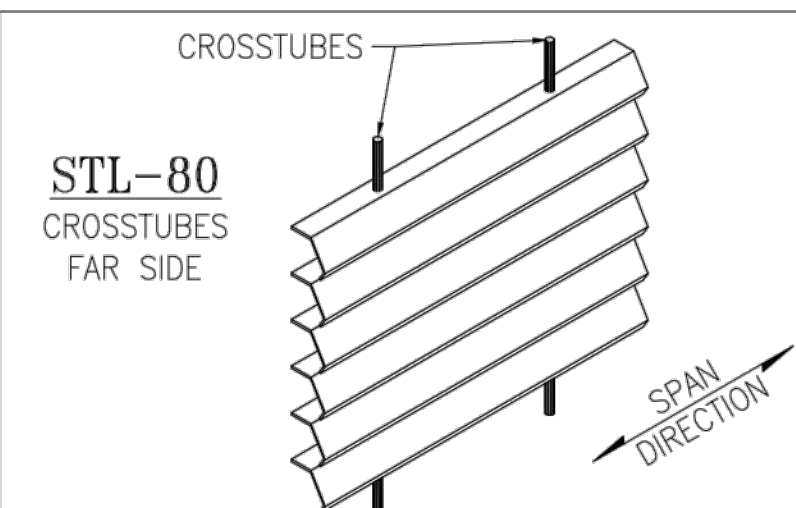
SHEET L400



(1) DOUBLE GATE
ENGINEERED STRUCTURAL FOUNDATIONS BY OTHERS. FOUNDATIONS MUST BE DESIGNED FOR LOCAL SOIL CONDITIONS & APPLIED LOADINGS. WEIGHT OF ONE LEAF $\approx 200\#$. FOUNDATIONS FOR HINGE POSTS ARE CRITICAL.



FIELD BOLTS FOR THIS JOB BY BBC:
(16) 3/8" x 1" SS BOLTS, WASHERS



SPECIFICATION, FABRICATION & TOLERANCES IN
ACCORD WITH "N.A.A.M.M.," THE NATIONAL
ASSOCIATION OF ARCHITECTURAL METAL
MANUFACTURERS, UNLESS NOTED OTHERWISE

DRAWING No.
317-1269-L1

SCALE:
AS NOTED

SHEET L500