

LEGEND

TREE TO BE REMOVED

TREE PROTECTION FENCE

Kimley» Horn Architecture

Smith Community Illinois

SKILLED NURSING SHORT REHABILITATION CENTER

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REVISIONS

3 REVISED PER ARCH COORDINATION

8 REVISED PER VILLAGE 06/08/18 COMMENTS

9 REVISED PER BUILDING 09/19/18

11 REVISED PER FIRE DEPT. 08/08/19 COMMENTS

12 REVISED PER FIRE LANE 09/18/19

DATE **29 SEPT 2017**

L1.0

TREE REMOVAL

PLAN

REQUIRED

SIZE CONDI- REPLACE-

CAL " TION MENT TREES

8" Good

9" Fair

6" Good

5" Good

8" Fair

9" Fair

7" Good

5" Good

5" Good

5" Good 7" Good

4" Good

9" Fair 8" Good

9" Fair

5" Good

6" Good

9" Fair 5" Good

5" Good

12" Good

12" Good

8" Good

8" Good

8" Good

6" Good

8" Good

8" Good

6" Good

5" Good

5" Good

5" Good

5" Good 5" Good

4" Good

9" Good

4" Good

4" Good

8" Fair

5" Fair

8" Fair

6" Fair

6" Fair

5" Good

5" Poor

6" Good

9" Good

9" Good 9" Good

7" Good 7" Good

8" Good

8" Good

8" Good

4" Good

3" Good

6" Fair

7" Good

8" Good

4" Good

7" Good 8" Good

6" Good

6" Good

8" Fair

6" Good

5" Good

5" Good

3" Good

10" Fair

6" Good

8" Fair

6" Good

9" Good

6" Good

7" <u>Good</u>

7" Good

7" Good 6" Good

3" Good

8" Good

3" Good

5" Good

5" Good

5" Good

5" Good

8" Good

7" Good

6" Good

4" Good

4" Good

6" Good

8" Good 5" Good

9" Good

5" Good

TOTAL REQUIRED 4" CAL. REPLACEMENT TREES

Good

Good

Good

Good

Good

Good

Good

Good

6" Good

COMMON NAME

Austrian Pine

Sunset Maple

Austrian Pine

Sunset Maple

Austrian Pine

Sunset Maple

Sunset Maple

Red Maple

Red Maple

Hackberry

Austrian Pine

Hackberry

Skyline Honeylocust

Littleleaf Linden

Littleleaf Linden

Eastern White Pine

Skyline Honeylocust

Eastern White Pine

Eastern Cottonwood

Eastern Cottonwood

Swamp White Oak

Swamp White Oak

Swamp White Oak

Sunset Maple

Chanticleer Pear

Chanticleer Pear

Chanticleer Pear

Chanticleer Pear

Littleleaf Linden

Kentucky Coffee Tree

Black Alder

Black Alder

Sunset Maple

Littleleaf Linden

Littleleaf Linden

Austrian Pine

Austrian Pine

Littleleaf Linden

Swamp White Oak

Swamp White Oak

Swamp White Oak

Skyline Honeylocus

Austrian Pine

Austrian Pine

Sunset Maple

Chanticleer Pear

Chanticleer Pear

Chanticleer Pear

Chanticleer Pear

Sunset Maple

Sunset Maple

Littleleaf Linden

Chanticleer Pear

Chanticleer Pear

Shadblow Serviceberry

Shadblow Serviceber

Japanese Lilac Tree

Japanese Lilac Tree

Japanese Lilac Tree

Sunset Maple

Sunset Maple

Sunset Maple

Prairiefire Crabapple

Eastern White Pine

Colorado Spruce

Sunset Maple

Black Alder

Sunset Maple

Sunset Maple

Littleleaf Linder

Kentucky Coffee Tree

|Skyline Honeylocust

Eastern White Pine Skyline Honeylocust

Kentucky Coffee Tree

Littleleaf Linden

Red Maple

|Red Maple

Red Maple

Patriot Elm

Patriot Elm

Patriot Elm

Patriot Elm

Red Maple

Patriot Elm

Patriot Elm

Eastern White Pine

Austrian Pine

Autumn Blaze Maple

Shadblow Serviceberry

Kentucky Coffee Tree

BOTANICAL NAME

4 Acer rubrum 'Red Sunset'

6 Acer rubrum 'Red Sunset'

8 Acer freemanii 'Jeffersred'

9 Acer rubrum 'Red Sunset'

10 Acer rubrum 'Red Sunset'

11 Amelanchier canadensis

21 Gymnocaldus dioicus

23 Celtis occidentalis

24 Celtis occidentalis

25 Gleditsia triacanthos inermis 'Skyline'

43 Gleditsia triacanthos inermis 'Skyline'

2 Pinus nigra

5 Pinus nigra

7 Pinus nigra

15 Acer rubrum

16 Acer rubrum

17 Pinus nigra

19 Pinus nigra 20 Celtis occidentalis

22 Pinus nigra

Pinus strobus

27 Tilia cordata

34 Tilia cordata

36 Acer rubrun 37 Pinus strobus

35 Acer rubrum

38 Acer rubrum

39 Ulmus 'Patriot'

40 Ulmus 'Patriot'

41 Ulmus 'Patriot'

42 Ulmus 'Patriot'

44 Acer rubrum

45 Pinus strobus

46 Tilia cordata

47 Ulmus 'Patriot'

48 Ulmus 'Patriot'

100 Populus deltoides

103 Quercus bicolor

104 Quercus bicolor

157 Acer rubrum 'Red Sunset'

158 Acer rubrum 'Red Sunset'

159 Acer rubrum 'Red Sunset'

160 Acer rubrum 'Red Sunset'

161 Acer rubrum 'Red Sunset'

162 Acer rubrum 'Red Sunset' 163 Acer rubrum 'Red Sunset'

164 Pyrus calleryana 'Chanticleer'

165 Pyrus calleryana 'Chanticleer'

166 Pyrus calleryana 'Chanticleer'

169 Pyrus calleryana 'Chanticleer

170 Gymnocaldus dioicus

175 Acer rubrum 'Red Sunset'

180 Gleditsia triacanthos inermis 'Skyline'

184 Gleditsia triacanthos inermis 'Skyline'

192 Gleditsia triacanthos inermis 'Skyline'

168 Alnus glutinosa

171 | Tilia cordata

176 | Tilia cordata

177 Tilia cordata

179 | Pinus strobus

183 Pinus nigra

185 Pinus nigra

186 | Tilia cordata

187 Quercus bicolor

188 Quercus bicolor

189 Quercus bicolor

190 Pinus nigra

193 Pinus nigra

196 | Acer rubrum 'Red Sunset'

198 Gymnocaldus dioicus

197 Pyrus calleryana 'Chanticleer

199 Pyrus calleryana 'Chanticleer

200 Pyrus calleryana 'Chanticlee

201 Pyrus calleryana 'Chanticleer

202 Acer rubrum 'Red Sunset'

203 Acer rubrum 'Red Sunset'

206 Amenlachier canadensis

209 Amelanchier canadensis

213 Acer rubrum 'Red Sunset'

215 Acer rubrum 'Red Sunset'

499 Acer rubrum 'Red Sunset'

506 Acer rubrum 'Red Sunset'

512 Acer rubrum 'Red Sunset'

514 Acer rubrum 'Red Sunset'

210 Syringa reticulata

211 Syringa reticulata

212 Syringa reticulata

500 Malus 'Prairiefire'

217 Quercus spp.

501 Picea pungens 505 Pinus strobus

509 | Tilia cordata

→ 511 Alnus glutinosa

207 Pyrus calleryana 'Chanticlee

208 Pyrus calleryana 'Chanticleer

___181 | Gymnocaldus dioicus

174 Alnus glutinosa

167 Pyrus calleryana 'Chanticleer'

101 Populus deltoides 102 Quercus bicolor

1 Gleditsia triacanthos inermis 'Skyline' Skyline Honeylocust

3 | Gleditsia triacanthos inermis 'Skyline' | Skyline Honeylocust

18 Gleditsia triacanthos inermis 'Skyline' Skyline Honeylocust

TREE REPLACEMENT STANDARDS

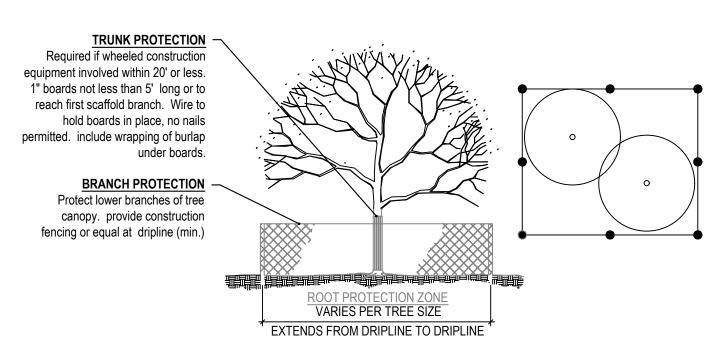
TYPE OF TREE REMOVED

NUMBER OF REPLACEMENT

TREES REQUIRED

AND COTTONWOOD (POPULUS DELTOIDES) ARE EXEMPT FROM MITIGATION REQUIREMENTS. 2. PER 6-305.F.3.f.2 - TREES WITH A CONDITION OR FORM

RATING OF POOR OR DEAD ARE EXEMPT FROM MITIGATION REQUIREMENTS.



TREE PROTECTION NOTES

- 1. ALL TREES TO BE PROTECTED AND PRESERVED SHALL BE PER DETAIL. GROUPING OF MORE THAN ONE TREE MAY OCCUR.
- 2. TREES TO BE PROTECTED AND PRESERVED SHALL BE IDENTIFIED ON THE TRUNK WITH WHITE SURVEY TAPE. 3. TO PREVENT ROOT SMOTHERING, SOIL STOCKPILES, SUPPLIES, EQUIPMENT OR ANY OTHER MATERIAL SHALL NOT BE
- PLACED OR STORED WITHIN THE DRIP LINE OR WITHIN 15 FEET OF A TREE TRUNK, WHICHEVER IS GREATER.
- 4. TREE ROOTS SHALL NOT BE CUT UNLESS CUTTING IS UNAVOIDABLE.
- 6. WHEN ROOT CUTTING IS UNAVOIDABLE, A CLEAN SHARP CUT SHALL BE MADE TO AVOID SHREDDING OR SMASHING. ROOT CUTS SHOULD BE MADE BACK TO A LATERAL ROOT. WHENEVER POSSIBLE, ROOTS SHOULD BE CUT BETWEEN LATE FALL AND BUD OPENING, WHEN ROOT ENERGY SUPPLIES ARE HIGH AND CONDITIONS ARE LEAST FAVORABLE FOR DISEASE CAUSING AGENTS. EXPOSED ROOTS SHALL BE COVERED IMMEDIATELY TO PREVENT DEHYDRATION. ROOTS SHALL BE COVERED WITH SOIL OR BURLAP AND KEPT MOIST.
- 7. WATERING OF PROTECTED TREES IN WHICH ROOTS WERE CUT SHALL BE PROVIDED BY THE CONTRACTOR. 8. AUGER TUNNELING RATHER THAN TRENCHING SHOULD BE USED FOR UTILITY PLACEMENT WITHIN DRIP LINE.
- 9. FENCING MATERIAL SHALL ENCIRCLE ANY TREE OR SHRUB WHOSE OUTER DRIP LINE EDGE IS WITHIN 20 FEET OF ANY
- CONSTRUCTION ACTIVITIES. 10. FENCING MATERIAL SHALL BE BRIGHT, CONTRASTING COLOR, DURABLE, AND A MINIMUM OF FOUR FEET IN HEIGHT.

11. FENCING MATERIAL SHALL BE SET AT THE DRIP LINE OR 15 FEET FROM TREE TRUNK, WHICHEVER IS GREATER, AND

- MAINTAINED IN AN UPRIGHT POSITION THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES. 12. ANY GRADE CHANGES (SUCH AS THE REMOVAL OF TOPSOIL OR ADDITION OF FILL MATERIAL) WITHIN THE DRIP LINE SHOULD BE AVOIDED FOR EXISTING TREES TO REMAIN. RETAINING WALLS AND TREE WELLS ARE ACCEPTABLE ONLY
- WHEN CONSTRUCTED PRIOR TO GRADE CHANGE. 13. REFER TO PLANS FOR FENCE STAKING LOCATIONS.

4	TREE	PROT	ECT	ION
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TREE REMOVALS SUMMARY

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Horn ♦ Kimley



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REVISIONS REVISED PER VILLAGE 11/24/17 2 ISSUED FOR BID 3 REVISED PER ARCH 02/13/18 4 REVISED PER VILLAGE 03/23/18 COMMENTS

5 REVISED PER VILLAGE 04/10/18 6 REVISED PER VILLAGE 04/23/18

REVISED PER VILLAGE 05/17/18 8 REVISED PER VILLAGE 06/08/18 COMMENTS

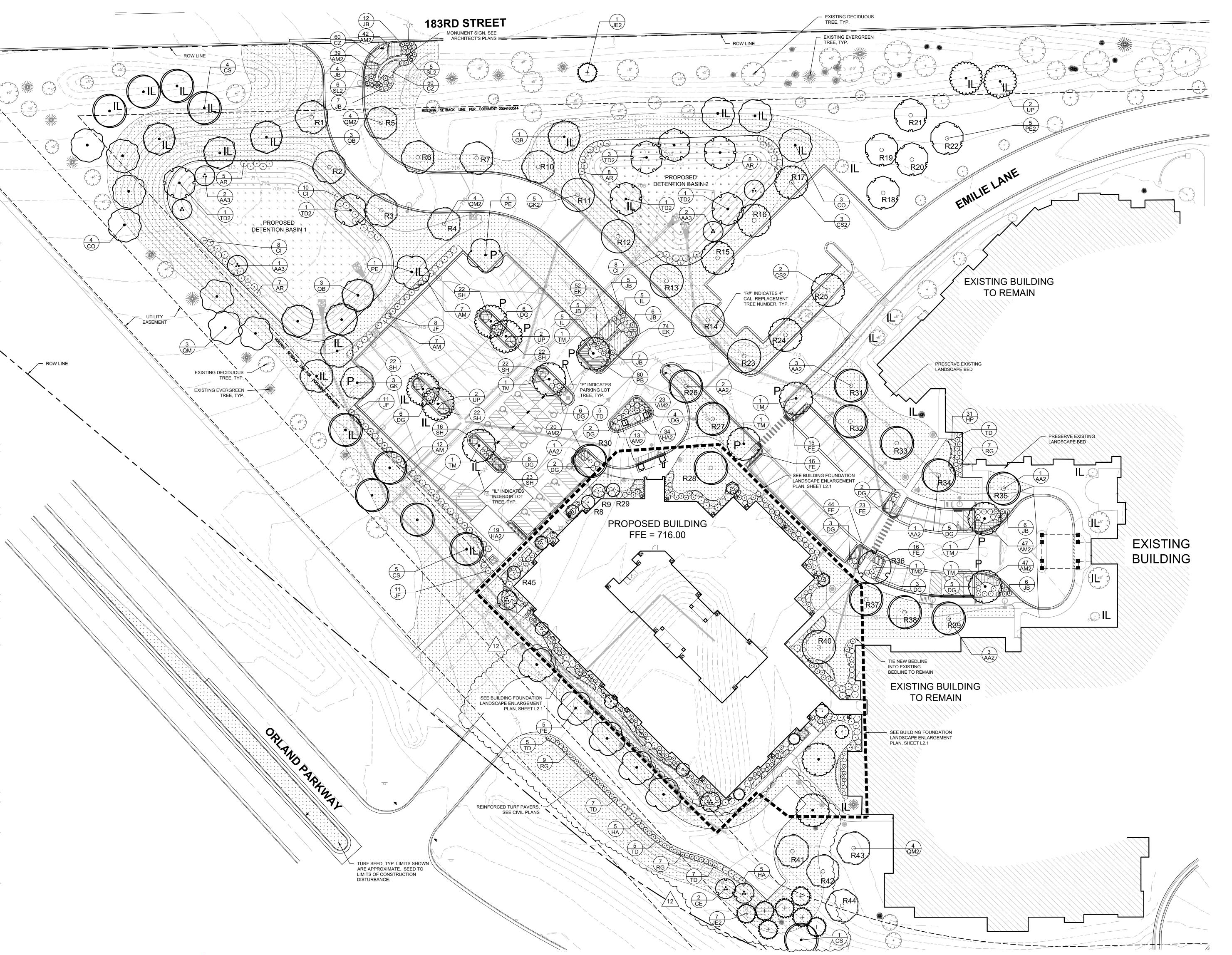
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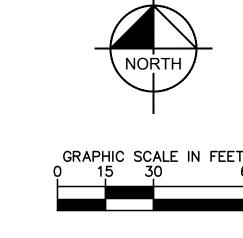
12 REVISED PER FIRE LANE 09/18/19

BDW

4" Good Eastern White Pine 516 Pinus strobus 517 Picea pungens Colorado Spruce 8" Good 518 | Malus 'Prairiefire' Prairiefire Crabapple 8" Good 7" Good 520 Gleditsia triacanthos inermis 'Skyline' Skyline Honeylocust 521 Gleditsia triacanthos inermis 'Skyline' Skyline Honeylocust 6" Good 523 Pinus strobus Eastern White Pine







LANDSCAPE REQUIREMENT CALCULATIONS							
ORDINANCE	REQUIREMENT CALCULATION	LANDSCAPING PROVIDED					
6-305-D.2 - LANDSCAPE PARKWAYS: ORLAND PARKWAY	PARKWAY TREES SPACED 40' O.C. CANNOT BE PROVIDED DUE TO EXISTING UTILITY EASEMENT	NO LANDSCAPING PROVIDED DUI EXISTING UTILITY EASEMENT					
6-305-D.2 - LANDSCAPE PARKWAYS: 183RD STREET	PARKWAY TREES SPACED 40' O.C. CANNOT BE PROVIDED DUE TO LACK OF PARKWAY BETWEEN ROADWAY AND R.O.W.	NO LANDSCAPING PROVIDED DUI LACK OF PARKWAY BETWEEN ROADWAY AND R.O.W.					
6-305-D.3 - LANDSCAPE CORRIDORS: 183RD STREET (ARTERIAL CORRIDOR)	4 SHADE TREES, 2 ORNAMENTAL OR EVERGREEN TREES PER 100' CORRIDOR LENGTH = 550 LF 550 / 100 = 6 6 X 4 = 24 SHADE TREES 6 X 2 = 12 ORNAMENTAL OR EVERGREEN TREES	24 EXISTING SHADE TREES 14 EXISTING EVERGREEN TREE					
6-305-D.3 - LANDSCAPE CORRIDORS: ORLAND PARKWAY (TYPICAL CORRIDOR)	3 SHADE TREES, 1 ORNAMENTAL OR EVERGREEN TREES PER 100' CORRIDOR LENGTH = 1040 LF 1040 / 100 = 11 11 X 3 = 33 SHADE TREES 11 X 1 = 11 ORNAMENTAL OR EVERGREEN TREES	33 SHADE TREES (16 EXISTING, 17 PROPOSED) 11 EVERGREEN TREES (9 EXISTING, 2 PROPOSED)					
6-305-D.4 - LANDSCAPE BUFFERYARDS	NA PROJECT AREA HAS NO SIDE OR REAR YARDS	NA					
6-305-D.5.a - FOUNDATION LANDSCAPING	A MINIMUM 10' WIDE ON AVERAGE FOUNDATION LANDSCAPE AREA ALONG 100% OF ALL BUILDING FACADES FRONTING PUBLIC STREETS, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. A MINIMUM 7' WIDE FOUNDATION LANDSCAPE AREA SHALL BE PROVIDED ALONG 50% OF ALL BUILDING FACADES NOT FRONTING A PUBLIC STREET, EXCEPT WHERE BUILDING ACCESS WALKWAYS / DRIVEWAYS OR EMERGENCY SERVICE CONNECTIONS ARE NECESSARY. ON AVERAGE, A MINIMUM OF 1 ORNAMENTAL TREE AND SIXTEEN SHRUBS OR ORNAMENTAL GRASSES FOR EVERY 100' OF BUILDING FACE.	10' WIDE AVERAGE FOUNDATIC LANDSCAPE AREA ALONG BUILD FACADES FRONTING PUBLIC STREETS. 7' WIDE AVERAGE FOUNDATION AREA ALONG 100% BUILDING FACADES NOT FRONTIN PUBLIC STREET.					
6-305-D.5.b - INTERIOR LOT LANDSCAPING	A MINIMUM OF 1 TREE PER 10,000 SF OF LOT AREA APPROX. PROJECT AREA = 307,100 SF 307,100 / 10,000 = 31 TREES	31 TREES (9 EXISTING, 22 PROPOSED)					
6-305-D.6.a.1 - PERIMETER PARKING LOT SCREENING	ALL PARKING LOTS SIGNIFICANTLY SCREENED FROM ADJACENT PROPERTIES AND STREETS	PARKING LOTS SCREENED FRO ADJACENT STREETS					
6-305-D.6.a.2 - PARKING LOT ISLAND LANDSCAPING	1 PARKING LOT ISLAND FOR EVERY 10 PARKING SPACES. 1 SHADE TREE PER PARKING ISLAND. SHRUBS, ORNAMENTAL GRASSES, PERENNIALS AND GROUND COVERS IN ADDITION TO TREES IN ISLANDS. TOTAL PARKING SPACES = 92 92 / 10 = 10 ISLANDS / TREES	10 TREES					
6-305-D.7 - SIGNAGE LANDSCAPE	A MINIMUM 5' WIDE ON AVERAGE LANDSCAPE PLANTING BED AROUND THE ENTIRE BASE OF ALL GROUND SIGNS	5' AVERAGE PLANTING BED AROI BASE OF ALL GROUND SIGNS					
6-305-D.8 - STORM WATER MANAGEMENT AREA LANDSCAPE NORTHWEST DETENTION AREA	1 SHADE TREE PER 100 LF OF BASIN PERIMETER. 1 UNDERSTORY TREE PER 200 LF OF BASIN PERIMETER. 3 SHRUBS PER 50 LF OF BASIN PERIMETER. TOTAL BASIN PERIMETER = 490 LF 490 / 100 = 5 SHADE TREES 490 / 200 = 3 UNDERSTORY TREES 490 / 50 = 9.8 X 3 = 30 SHRUBS	5 SHADE TREES 3 UNDERSTORY TREES 30 SHRUBS					
6-305-D.8 - STORM WATER MANAGEMENT AREA LANDSCAPE NORTHEAST DETENTION AREA	1 SHADE TREE PER 100 LF OF BASIN PERIMETER. 1 UNDERSTORY TREE PER 200 LF OF BASIN PERIMETER. 3 SHRUBS PER 50 LF OF BASIN PERIMETER. TOTAL BASIN PERIMETER = 400 LF 400 / 100 = 4 SHADE TREES 400 / 200 = 2 UNDERSTORY TREES 400 / 50 = 8 X 3 = 24 SHRUBS	4 SHADE TREES 2 UNDERSTORY TREES 24 SHRUBS					

FINAL LANDSCAPE PLAN L2.0



Architecture Engineering Planning REVISIONS

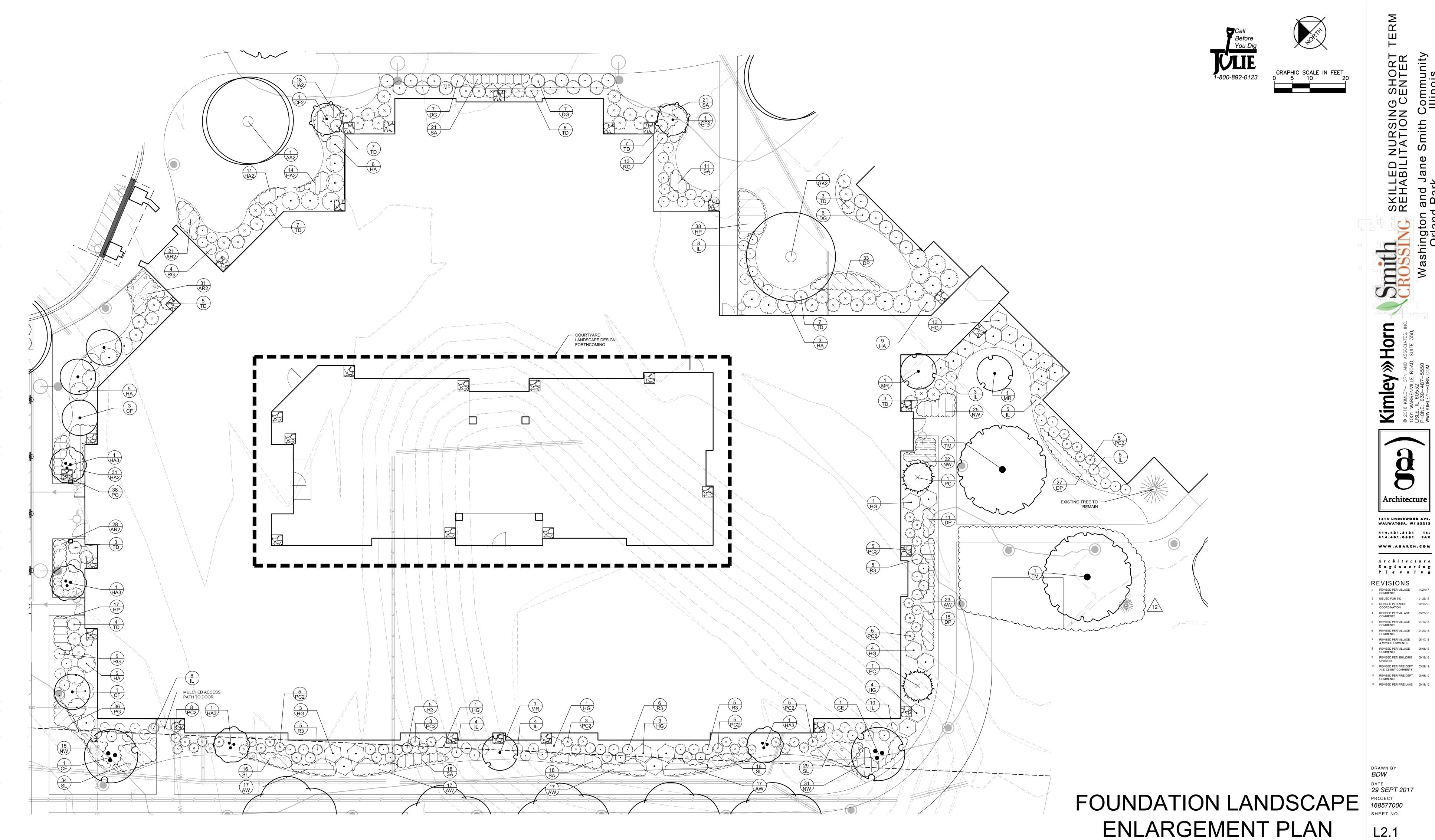
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DRAWN BY BDW

29 SEPT 2017





11 REVISED PER FIRE DEPT. 08/08/19 COMMENTS

PLANT SCHEDULE							
CANOPY TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
	AA2	12	ACER X FREEMANII `JEFFSRED`	AUTUMN BLAZE MAPLE	B & B	4" CAL MIN	SINGLE STEM
\odot	CF	4	CARPINUS BETULUS 'FRANZ FONTAINE'	FRANZ FONTAINE HORNBEAM	B & B	4" CAL MIN	SINGLE STEM
	CF2	2	CARPINUS BETULUS 'FRANZ FONTAINE'	FRANZ FONTAINE HORNBEAM	В&В	2.5" CAL MIN	SINGLE STEM
	СО	7	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B & B	2.5" CAL MIN	SINGLE STEM
	cs	10	CATALPA SPECIOSA	NORTHERN CATALPA	B & B	2.5" CAL MIN	SINGLE STEM
	CS2	5	CATALPA SPECIOSA	NORTHERN CATALPA	B & B	4" CAL MIN	SINGLE STEM
	GK	3	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	B & B	2.5" CAL MIN	SINGLE STEM
	GK2	6	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	B & B	4" CAL MIN	SINGLE STEM
	PE	7	PLATANUS X ACERIFOLIA 'EXCLAMATION' TM	EXCLAMATION LONDON PLANE TREE	В&В	2.5" CAL MIN	SINGLE STEM
	PE2	5	PLATANUS X ACERIFOLIA 'EXCLAMATION' TM	EXCLAMATION LONDON PLANE TREE	B & B	4" CAL MIN	SINGLE STEM
	QB	7	QUERCUS BICOLOR	SWAMP WHITE OAK	B & B	2.5" CAL MIN	SINGLE STEM
	QM	3	QUERCUS MACROCARPA	BURR OAK	B & B	2.5" CAL MIN	SINGLE STEM
	QM2	12	QUERCUS MACROCARPA	BURR OAK	B & B	4" CAL MIN	SINGLE STEM
	TD2	7	TAXODIUM DISTICHUM	BALD CYPRESS	B & B	2.5" CAL MIN	SINGLE STEM
	TM	9	TILIA AMERICANA `MCKSENTRY`	SENTRY LINDEN	B & B	2.5" CAL MIN	SINGLE STEM
	TM2	1	TILIA AMERICANA `MCKSENTRY`	SENTRY LINDEN	B & B	4" CAL MIN	SINGLE STEM
	UP	6	ULMUS AMERICANA `PRINCETON`	AMERICAN ELM	B & B	2.5" CAL MIN	SINGLE STEM
EVERGREEN TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
+	JE2	8 /12	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	B & B		6` HT MIN
+	PC	2	PICEA GLAUCA 'CONICA'	DWARF ALBERTA SPRUCE	B & B		6' HT MIN
ORNAMENTAL TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
<u>.</u>	AA3	5	AMELANCHIER CANADENSIS 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	B & B	MULTI-TRUNK	6` HT MIN
	CE {	4	CERCIS CANADENSIS	EASTERN REDBUD	В&В	MULTI-TRUNK	6` HT MIN
$\dot{\odot}$	HA3	4	HAMAMELIS VERNALIS 'AUTUMN EMBERS'	OZARK WITCHHAZEL	B & B	MULTI-TRUNK	6` HT MIN
	MR	3	MALUS X 'ROYAL RAINDROPS'	ROYAL RAINDROPS CRABAPPLE	B & B	2.5" CAL MIN	SINGLE STEM
2 GALLON SIZE ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE
SIN THE STATE OF T	SL2	11	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM GRASS	2 GAL	SEE PLAN	
DECIDUOUS SHRUBS	<u>CODE</u> AM	<u>QTY</u> 26	BOTANICAL NAME ARONIA MELANOCARPA `MORTON` TM	COMMON NAME IROQUIS BEAUTY BLACK CHOKEBERRY	<u>CONT</u>	SPACING SEE PLAN	SIZE 24" HT MIN
•	AR	28	ARONIA ARBUTIFOLIA	RED CHOKEBERRY	-	SEE PLAN	24" HT MIN
\odot	CI	26	CORNUS SERICEA 'ISANTI'	ISANTI REDOSIER DOGWOOD	-	SEE PLAN	24" HT MIN
\odot	DG	70	DIERVILLA RIVULARIS `G2X885411`	KODIAK RED BUSH HONEYSUCKLE	-	SEE PLAN	24" HT MIN
	на	38	HYDRANGEA ARBORESCENS `ANNABELLE`	ANNABELLE SMOOTH HYDRANGEA	-	SEE PLAN	24" HT MIN
$\langle \cdot \rangle$	HG	27	HYDRANGEA QUERCIFOLIA 'GATSBY GAL'	GATSBY GAL OAKLEAF HYDRANGEA	_	SEE PLAN	36" HT MIN
$\overline{\bullet}$	IL	57	ITEA VIRGINICA `LITTLE HENRY` TM	LITTLE HENRY VIRGINIA SWEETSPIRE	-	SEE PLAN	18" HT MIN
	R3	27	ROSA X `RADRAZZ`	KNOCK OUT SHRUB ROSE	-	SEE PLAN	18" HT MIN
	RG	45	RIBES ALPINUM 'GREEN MOUND'	GREEN MOUND ALPINE CURRANT	-	SEE PLAN	18" HT MIN
EVERGREEN SHRUBS	CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE
+}	JB	58	JUNIPERUS SABINA `BLUE FOREST`	BLUE FOREST JUNIPER	-	SEE PLAN	24" SPREAD
3 + E	JF	30	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	-	SEE PLAN	24" SPREAD
o t	PC2	44	PINUS MUGO 'VALLEY CUSHION'	VALLEY CUSHION MUGO PINE	-	SEE PLAN	18" HT MIN
(+)	TD {	88	TAXUS X MEDIA `DENSIFORMIS`	DENSE YEW	-	SEE PLAN	24" HT MIN

PERENNIALS AND ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING
	AM2	231	ALLIUM X `MGSMMPKB13`	SUMMER PEEK A BOO ALLIUM	1 GAL	18" o.c.
	AR2	80	ASTILBE X ARENDSII 'RED SENTINEL'	FALSE SPIRAEA	1 GAL	18" o.c.
	AW	91	ASTER X 'WOOD'S PINK'	ASTER	1 GAL	18" o.c.
	CZ	110	COREOPSIS VERTICILLATA 'ZAGREB'	ZAGREB THREAD LEAF COREOPSIS	1 GAL	18" o.c.
	DP	86	DESCHAMPSIA CESPITOSA `PIXIE FOUNTAIN`	DWARF TUFTED HAIR GRASS	1 GAL	18" o.c.
	EK	126	ECHINACEA PURPUREA `KIM`S KNEE HIGH` TM	PURPLE CONEFLOWER	1 GAL	18" o.c.
	FE	114	FESTUCA GLAUCA `ELIJAH BLUE`	BLUE FESCUE	1 GAL	18" o.c.
	HA2	127	HAKONECHLOA MACRA 'ALL GOLD'	JAPANESE FOREST GRASS	1 GAL	18" o.c.
	HP	86	HEUCHERA X 'PALACE PURPLE'	PALACE PURPLE CORAL BELLS	1 GAL	18" o.c.
	NW	93	NEPETA X FAASSENII 'WALKERS LOW'	WALKERS LOW CATMINT	1 GAL	18" o.c.
	РВ	80	PENNISETUM ALOPECUROIDES `BURGUNDY BUNNY`	BURGUNDY BUNNY DWARF FOUNTAIN GRASS	1 GAL	18" o.c.
	PG	74	PACHYSANDRA TERMINALIS `GREEN CARPET`	JAPANESE SPURGE	2" PLUG	12" o.c.
	SA	89	SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	1 GAL	18" o.c.
	SH	149	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL	18" o.c.
1	SL	95	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM GRASS	1 GAL	18" o.c.
GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME			
\(\psi\) \(\	DD	DETENTION SEED	DETENTION BASIN SEED MIX			
	ST	SEED SEED	TURF SEED			

LANDSCAPE MATERIALS LISTS SKILLED NURSING SHORT REHABILITATION CENTER

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Architecture Engineering Planning REVISIONS 1 REVISED PER VILLAGE 11/24/17 COMMENTS 2 ISSUED FOR BID 01/25/18 3 REVISED PER ARCH 02/13/18 COORDINATION

4 REVISED PER VILLAGE 03/23/18 COMMENTS 5 REVISED PER VILLAGE 04/10/18 COMMENTS 6 REVISED PER VILLAGE 04/23/18 COMMENTS

7 REVISED PER VILLAGE 05/17/18 & MWRD COMMENTS 8 REVISED PER VILLAGE 06/08/18 COMMENTS

9 REVISED PER BUILDING 09/19/18 UPDATES

10 REVISED PER FIRE DEPT. 05/29/19 AND CLIENT COMMENTS 11 REVISED PER FIRE DEPT. 08/08/19 COMMENTS

12 REVISED PER FIRE LANE 09/18/19

DRAWN BY
BDW DATE **29 SEPT 2017** PROJECT

168577000 SHEET NO.

Architecture

11 REVISED PER FIRE DEPT. 08/08/19 COMMENTS

12 REVISED PER FIRE LANE 09/18/19

168577000

L2.3

FROM PIZZO NATIVE PLANT NURSERY, OR EQUAL. 10729 PINE ROAD LELAND, IL 60531

815.981.8000

AVAILABLE AS "DRY BOTTOM DETENTION SEED MIX"

DETENTION BASIN SEED MIX

BOTANICAL NAME	COMMON NAME	OZ/ ACRE	LBS/ ACRE	% OF MIX BY WEIGHT	% OF MIX SEED COUNT
— GRASSES, SEDGES, & RU	JSHES				
ANDROPOGON GERARDII CAREX BEBBII CAREX BREVIOR CAREX HYSTERICINA CAREX VULPINOIDEA ELEOCHARIS ACICULARIS ELEOCHARIS ERYTHROPODA ELYMUS CANADENSIS ELYMUS VIRGINICUS JUNCUS DUDLEYI PANICUM VIRGATUM SCHIZACHYRIUM SCOPARIUM SORGHASTRUM NUTANS	BIG BLUESTEM GRASS BEBB'S OVAL SEDGE PLAINS OVAL SEDGE PORCUPINE SEDGE BROWN FOX SEDGE NEEDLE SPIKE RUSH RED-ROOTED SPIKE RUSH CANADA WILD RYE VIRGINIA WILD RYE DUDLEY'S RUSH SWITCH GRASS LITTLE BLUESTEM GRASS INDIAN GRASS	64.0000 2.0000 4.0000 4.0000 6.0000 1.0000 2.0000 32.0000 48.0000 1.0000 80.0000 64.0000 16.0000	4.00 0.13 0.25 0.25 0.38 0.06 0.13 2.00 3.00 0.06 5.00 4.00 1.00	13.99% 0.44% 0.87% 0.87% 1.31% 0.22% 0.44% 6.99% 10.49% 0.22% 17.49% 13.99% 3.50%	5.05% 0.54% 0.92% 0.95% 4.74% 0.55% 1.23% 1.31% 1.59% 25.26% 8.84% 7.58% 1.52%
	GRASS/	SEDGE SUBTOTALS	20.25	70.82%	60.07%
— FLOWERS AND OTHER B	ROADLEAVES				
ALLIUM CERNUUM ASCLEPIAS INCARNATA CHAMAECRISTA FASCICULATA COREOPSIS TRIPTERIS DESMODIUM CANADENSE ECHINACEA PURPUREA ERYNGIUM YUCCIFOLIUM EUPATORIUM PERFOLIATUM EUTHAMIA GRAMINIFOLIA EUTROCHIUM MACULATUM HELENIUM AUTUMNALE KUHNIA EUPATORIOIDES CORYMBULOSA MONARDA FISTULOSA PENSTEMON DIGITALIS PYCNANTHEMUM VIRGINIANUM RUDBECKIA FULGIDA VAR. SULLIVANTII RUDBECKIA SUBTOMENTOSA RUDBECKIA TRILOBA SILPHIUM LACINIATUM SOLIDAGO RIDDELLII SOLIDAGO RIGIDA SYMPHYOTRICHUM NOVAE-ANGLIAE THALICTRUM DASYCARPUM VERNONIA FASCICULATA VERBENA HASTATA	NODDING WILD ONION SWAMP MILKWEED PARTRIDGE PEA TALL COREOPSIS SHOWY TICK TREFOIL PURPLE CONEFLOWER RATTLESNAKE MASTER COMMON BONESET COMMON GRASS-LEAVED GOLDENI SPOTTED JOE PYE WEED SNEEZEWEED FALSE BONESET WILD BERGAMOT FOXGLOVE BEARD TONGUE COMMON MOUNTAIN MINT SHOWY BLACK-EYED SUSAN BLACK-EYED SUSAN SWEET BLACK-EYED SUSAN COMPASS PLANT RIDDELL'S GOLDENROD STIFF GOLDENROD NEW ENGLAND ASTER PURPLE MEADOW RUE COMMON IRONWEED BLUE VERVAIN	2.0000 3.0000 4.0000 4.0000 4.0000 2.0000 6.0000 8.0000 4.0000 3.0000 1.0000 1.5000 4.0000 4.0000 4.0000 4.0000 4.0000	0.25 0.63 1.00 0.25 0.25 1.00 0.50 0.06 0.13 0.19 0.25 0.25 0.25 0.25 0.13 0.38 0.50 0.25 0.19 0.06 0.09 0.06 0.09 0.25 0.19	0.87% 2.19% 3.50% 0.87% 0.87% 3.50% 1.75% 0.22% 0.22% 0.44% 0.66% 0.87% 0.87% 0.44% 1.31% 1.75% 0.87% 0.22% 0.22% 0.22% 0.33% 0.87% 0.87% 1.31% 1.75% 1.75%	0.24% 0.38% 0.34% 0.44% 0.17% 0.83% 0.47% 1.26% 2.76% 1.50% 3.08% 1.01% 2.21% 4.10% 3.47% 1.28% 5.81% 1.36% 0.81% 0.01% 0.73% 0.49% 2.05% 0.35% 1.14% 2.94% 0.69%
ZIZIA AUREA	GOLDEN ALEXANDERS	8.0000	0.50	1.73/0	0.0970

FOR SPRING PLANTING, INSTALL A COVER CROP OF SEED OATS (AVENA SATIVA) WITH SEED MIX AT 40 LBS/ACRE

FOR FALL PLANTING, INSTALL A COVER CROP OF REGREEN (A WINTER WHEAT X WHEATGRASS STERILE HYBRID) WITH SEED MIX AT 50 LBS/ACRE

4. AT NO TIME SHOULD ANNUAL OR PERENNIAL RYE (LOLIUM MULTIFLORUM OR PERENNE) BE UTILIZED AS A COVER CROP.

LANDSCAPE NOTES

- 1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING MATERIALS AND PLANTS SHOWN ON THE LANDSCAPE PLAN. THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT LANDSCAPE, PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION OR DURING THE SPECIFIED MAINTENANCE PERIOD. CALL FOR UTILITY LOCATIONS PRIOR TO ANY EXCAVATION.
- 2. THE CONTRACTOR SHALL REPORT ANY DISCREPANCY IN PLAN VS. FIELD CONDITIONS IMMEDIATELY TO THE LANDSCAPE ARCHITECT, PRIOR TO CONTINUING WITH THAT PORTION OF WORK.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
- 4. ALL NURSERY STOCK SHALL BE WELL BRANCHED, HEALTHY, FULL, PRE-INOCULATED AND FERTILIZED. DECIDUOUS TREES SHALL BE FREE OF FRESH SCARS. TRUNKS WILL BE WRAPPED IF NECESSARY TO PREVENT SUN SCALD AND INSECT DAMAGE. THE LANDSCAPE CONTRACTOR SHALL REMOVE THE WRAP AT THE PROPER TIME AS A PART OF THIS CONTRACT.
- ALL NURSERY STOCK SHALL BE GUARANTEED, BY THE CONTRACTOR, FOR ONE YEAR FROM DATE OF FINAL INSPECTION.
- 6. AMENDED SOIL SHALL BE PROVIDED AND GRADED BY THE GENERAL CONTRACTOR UP TO 6 INCHES BELOW FINISHED GRADE IN TURF AREAS AND 18 INCHES IN PLANTING AREAS.
- 7. PLANTING AREA SOIL SHALL BE AMENDED WITH 25% SPHANGUM PEATMOSS, 5% HUMUS AND 65% PULVERIZED SOIL FOR ALL SHRUB, ORNAMENTAL GRASS, PERENNIAL AND ANNUAL BEDS. AMENDED TURF AREA SOIL SHALL BE STANDARD TOPSOIL.
- 8. SEED LIMIT LINES ARE APPROXIMATE. CONTRACTOR SHALL SEED ALL AREAS WHICH ARE DISTURBED BY GRADING WITH THE SPECIFIED SEED
- 9. CONTRACTOR SHALL INSTALL SHREDDED HARDWOOD MULCH AT A 3" DEPTH TO ALL TREES, SHRUB, PERENNIAL, AND GROUNDCOVER AREAS. TREES PLACED IN AREA COVERED BY TURF SHALL RECEIVE A 4 FT WIDE MAXIMUM TREE RING WITH 3" DEPTH SHREDDED HARDWOOD MULCH. A
- SPADED BED EDGE SHALL SEPARATE MULCH BEDS FROM TURF OR SEEDED AREAS. A SPADED EDGE IS NOT REQUIRED ALONG CURBED EDGES. 10. INSTALLATION OF TREES WITHIN PARKWAYS SHALL BE COORDINATED IN THE FIELD WITH LOCATIONS OF UNDERGROUND UTILITIES. TREES
- SHALL NOT BE LOCATED CLOSER THAN 5' FROM UNDERGROUND UTILITY LINES AND NO CLOSER THAN 10' FROM UTILITY STRUCTURES. 11. DO NOT DISTURB THE EXISTING PAVING, LIGHTING, OR LANDSCAPING THAT EXISTS ADJACENT TO THE SITE UNLESS OTHERWISE NOTED ON PLAN.
- 12. PLANT QUANTITIES SHOWN ARE FOR THE CONVENIENCE OF THE OWNER AND JURISDICTIONAL REVIEW AGENCIES. THE CONTRACTOR IS
- RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES AS DRAWN. 13. THE OWNER'S REPRESENTATIVE MAY REJECT ANY PLANT MATERIALS THAT ARE DISEASED, DEFORMED, OR OTHERWISE NOT EXHIBITING SUPERIOR QUALITY.

NATURAL AREA NOTES

- 1. ALL WORK DEEMED NATURAL AREA TO BE SEEDED OR PLANTED SHALL BE PERFORMED BY A NATURALS AREA CONTRACTOR WITH AT LEAST 5 YEARS OF DOCUMENTED EXPERIENCE IN SELECTIVE BRUSH CLEARING, PLANTING OF NATIVE SPECIES, AND NATURAL AREAS MANAGEMENT FOR THE PURPOSE OF ECOLOGICAL RESTORATION, AND SHALL BE ABLE TO DEMONSTRATE THERE KNOWLEDGE THROUGH REFERENCES AND IN THE
- 2. SEED LIMIT LINES ARE APPROXIMATE. THE NATURAL AREAS CONTRACTOR SHALL SEED ALL AREAS WHICH ARE DISTURBED BY GRADING WITH THE SPECIFIED SEED MIXES. SEED MIXES ARE TO BE SOURCED RESPECTIVELY THROUGH THE SPECIFIED COMPANY ON PLANS. REQUESTS FOR COMPARABLE SEED MIXES ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT.
- 3. SEED SHALL BE OBTAINED FROM SOURCES SPECIALIZING IN NATIVE SPECIES. SEED SHALL BE SOURCED NO MORE THAN 350 MILES FROM THE JOB SITE.
- 4. ALL SEED MIXES SHALL BE INSTALLED WITH A GRANULAR FORM OF ENDOMYCORRHIZAL INOCULUM PER THE SUPPLIERS SPECIFICATIONS. COVER CROP IS TO BE APPLIED TO ALL SEED MIXES CONSISTING ONLY OF AVENA SATIVA (SEED OATS) FOR SPRING INSTALLATIONS OR REGREEN (WHEAT HYBRID) FOR FALL PLANTINGS. NO OTHER COVER CROP IS TO BE USED ON SITE.
- 5. STANDARD EROSION CONTROL BLANKET SHALL BE APPLIED TO ALL SEEDED AREAS WITH SINGLE TO DOUBLE NET STRAW AND DOUBLE NET STRAW/COCONUT BLANKET HYDROSEEDING IS UNACCEPTABLE.
- 6. STEWARDSHIP OF THE NATURAL AREA SHALL BE CONDUCTED BY A NATURAL AREAS CONTRACTOR TO BEGIN IMMEDIATELY AFTER INSTALLATION FOR THREE YEARS.

NOTES:

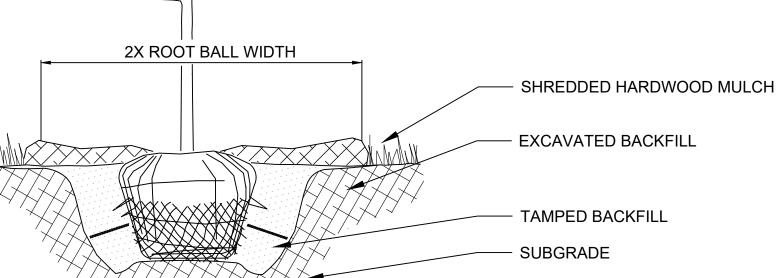
1. INSPECT TREE FOR DAMAGED BRANCHES, APPLY CORRECTIVE PRUNING.

SEED MIX TOTALS

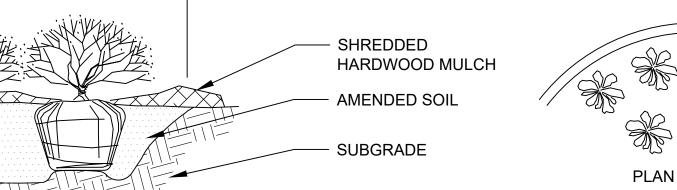
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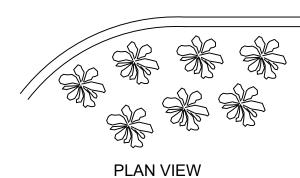
100.00%

- 2. SET ROOT BALL ON UNEXCAVATED OR TAMPED SOIL. TOP OF ROOTBALL SHALL BE TWO INCHES ABOVE SURROUNDING GRADE WITH BURLAP AND WIRE BASKET INTACT
- REMOVE WIRE BASKET AND BURLAP DOWN FOUR TO SIX INCHES BELOW TOP OF ROOT BALL. REMOVE ALL TWINE AND (IF USED), SYNTHETIC MATERIAL. REMOVE OR CORRECT **GIRDLING ROOTS.**
- TAMP EXCAVATED SOIL AROUND BASE OF ROOTBALL BACKFILL REMAINDER EXCAVATED SOIL TAMPED LIGHTLY. HIGH CLAY OR POOR SOIL SHALL RECEIVE SOIL AMENDMENT PER LANDSCAPE NOTES.
- WATER THOROUGHLY WITHIN TWO HOURS USING 10 TO 15 GALLONS OF WATER.
 - APPLY MULCH IN EVEN LAYER, KEEPING AWAY FROM ROOT
- 8. FINAL LOCATION OF TREE TO BE APPROVED BY OWNER.



MINIMUM 6" BEYOND ROOT BALL





PLAN VIEW

NOTES:

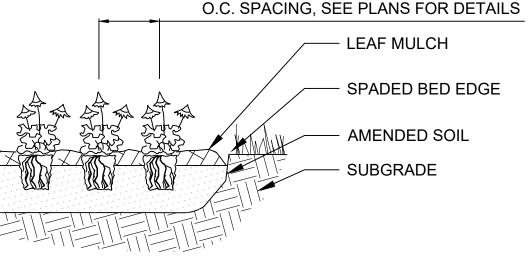
- 1. EXCAVATE PLANTING BED. 2. BED HEIGHT IS TO BE 2" ABOVE FINISH GRADE AND WELL DRAINED.
- REMOVE CONTAINER, SCORE SOIL MASS TO REDIRECT AND PREVENT CIRCLING ROOTS. CORRECT GIRDLING ROOTS
- 2. PLANT MATERIAL SHALL BE LAID OUT BY FOLLOWING THE BED EDGE, WORKING TOWARDS THE CENTER OF THE BED USING TRIANGULAR (STAGGERED) SPACING AS PLAUSIBLE.
- PLUMB AND BACKFILL WITH PLANTING MIX AS SPECIFIED IN LANDSCAPE NOTES.
- APPLY MULCH IN EVEN LAYER, KEEPING AWAY FROM ROOT FLARE MULCH LIMITS FOR PERENNIALS/GROUNDCOVER EXTEND TO ALL LIMITS OF PLANTING BED, SEE PLANS FOR BED LAYOUTS.
- SPACING TO BE AS SPECIFIED IN THE PLANT LIST. PERENNIALS SHALL BE PLACED WITH THEIR CENTER 24" FROM EDGE OF BED.

NOTES:

APPLY CORRECTIVE PRUNING.

100.00%

- SET ROOT BALL OR CONTAINER ON UNEXCAVATED OR TAMPED SOIL. TOP OF ROOTBALL (CONTAINER) SHALL BE ONE INCH ABOVE SURROUNDING GRADE. FOR LARGER SHRUBS WITHIN PLANTING BED DIG A DEEPER PIT ONLY FOR THOSE
- 3. REMOVE BURLAP FROM TOP HALF THE LENGTH OF ROOTBALL. TWINE AND (IF USED) SYNTHETIC MATERIAL SHALL BE REMOVED FROM PLANTING BED. FOR CONTAINER GROWN SHRUBS, REMOVE CONTAINER AND LOOSEN ROOTS PRIOR TO INSTALLATION.
- REMOVE OR CORRECT GIRDLING ROOTS.
- PLUMB AND BACKFILL WITH AMENDED SOIL PER LANDSCAPE NOTES. WATER THOROUGHLY WITHIN TWO HOURS.
- 6. APPLY MULCH IN EVEN LAYER, KEEPING AWAY FROM ROOT FLARE. MULCH LIMITS FOR SHRUBS EXTEND TO ALL LIMITS OF PLANTING BED, SEE PLANS FOR BED LAYOUTS.



SECTION



PERENNIAL PLANTING NTS

> LANDSCAPE NOTES AND DETAILS

1 TREE PLANTING

INSTALL A MYCORRHIZAL INOCCULANT WITH SEED MIX AT 40 LBS/ACRE

BDW29 SEPT 2017