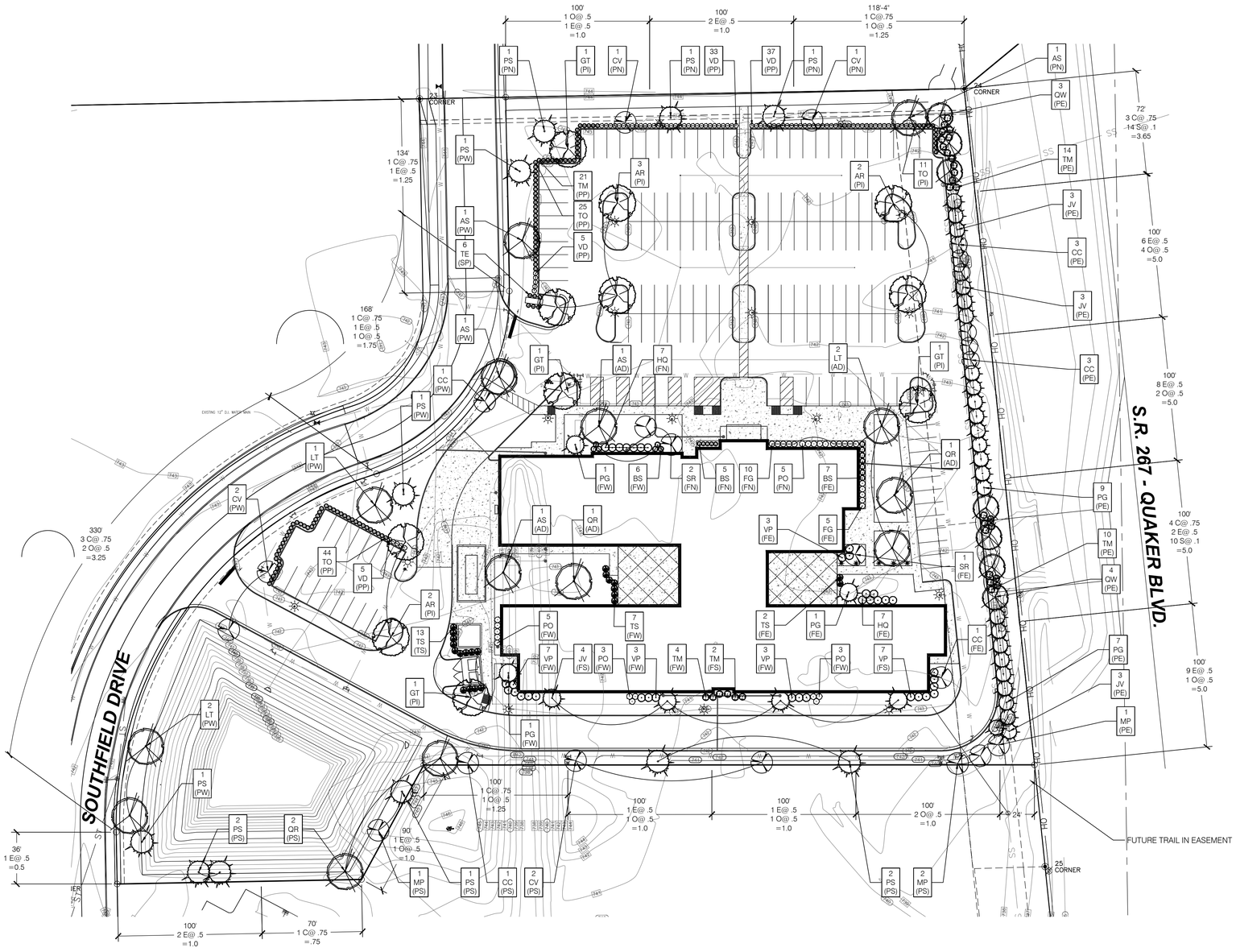

01 US HEALTHVEST SITE LANDSCAPE PLAN

L1.01 1"=40'-0"

0 40' 80'

PLANT SCHEDULE

KEY	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	REMARKS
AR	7	Acer rubrum 'Franksred'	Red Sunset Maple	2.5" CAL.	AS SHOWN	5' Clear Trunk
AS	5	Acer saccharum 'Green Mountain'	Green Mountain Sugar Maple	2.5" CAL.	AS SHOWN	5' Clear Trunk
BS	18	Buxus microphylla 'Green Velvet'	Littleleaf Boxw ood	24" TALL	AS SHOWN	F.T.B.
CC	9	Cercis canadensis	Eastern Redbud	1.5" CAL.	AS SHOWN	4' Clear Trunk
CV	6	Crataegus viridis 'Winter King'	Winter King Haw thorne	1.5" CAL.	AS SHOWN	4' Clear Trunk
FG	15	Fothergilla gardenii	Dw arf Fothergilla	24" HT.	4' O.C.	F.T.B.
GT	4	Gleditsia triacanthos 'Skycole'	Skyline Honeylocust	2.5" CAL.	AS SHOWN	5' Clear Trunk
HQ	14	Hydrangea quercifolia	Oakleaf Hydrangea	36" HT.	5' O.C.	F.T.B.
JV	13	Juniperus virginana	Eastern Red Cedar	6' HT.	AS SHOWN	F.T.B.
LT	5	Liriodendron tulipifera	Tulip Tree	2.5" CAL.	AS SHOWN	5' Clear Trunk
MP	4	Malus 'Prairiefire'	Prairiefire Flow ering Crabapple	1.5" CAL.	AS SHOWN	4' Clear Trunk
PG	19	Picea glauca var. Densata	Black Hills Spruce	6' HT.	AS SHOWN	F.T.B.
PO	16	Physocarpus opulifolius 'Tiny Wine'	Tiny Wine Ninebark	24" HT.	4' O.C.	F.T.B.
PS	11	Picea omorika	Serbian Spruce	6' H.T.	AS SHOWN	F.T.B.
QR	4	Quercus rubra	Red Oak	2.5" CAL.	AS SHOWN	5' Clear Trunk
QW	7	Quercus x w areii 'Long'	Regal Prince Oak	2.5" CAL.	AS SHOWN	5' Clear Trunk
SR	3	Syringa reticulata 'Ivory Silk'	Ivory Silk Tree Lilac	1.5" CAL.	AS SHOWN	4' Clear Trunk
TE	6	Taxus x 'Everlow '	Everlow Yew	18" HT.	4' O.C.	F.T.B.
TM	51	Taxusx media 'Wardii'	Ward's Yew	36" HT.	AS SHOWN	F.T.B.
TO	76	Thuja occidentalis 'Little Giant'	Little Giant Arborvitae	24" HT.	36" O.C.	F.T.B.
TS	22	Thuja occidentalis 'Smaragd'	Emerald Green Arborvitae	4' HT.	4' O.C.	F.T.B.
VD	80	Viburnum dentatum 'Christom'	Blue Muffin Viburnum	24" H.T.	36" O.C.	F.T.B.
VP	23	Viburnum plicatum 'Popcorn'	Popcorn Viburnum	36" H.T.	5' O.C.	F.T.B.

LEGEND

SYMBOL	DESCRIPTION
(AD)	ADDITIONAL PLANTING
(SP)	SIGN PLANTING
(FN)	NORTH FOUNDATION PLANTING
(FS)	SOUTH FOUNDATION PLANTING
(FE)	EAST FOUNDATION PLANTING
(FW)	WEST FOUNDATION PLANTING
(PI)	PARKING LOT INTERIOR PLANTING
(PP)	PARKING LOT PERIMETER PLANTING
(PN)	NORTH PERIMETER PLANTING
(PS)	SOUTH PERIMETER PLANTING
(PE)	EAST PERIMETER PLANTING
(TS)	TRASH SCREENING
(PW)	WEST PERIMETER PLANTING

4 AG (SY) — PLANT QUANTITY / PLANT TYPE / REQ. LOCATION

PERIMETER PLANTING REQUIREMENTS

LOCATION - NORTH PERIMETER (PN)

LENGTH - 318'	LEVEL - 1		
REQUIRED POINTS - 3.18			
PROVIDED			
PLANT	QTY	PTS	SUB
2.5" SHADE	1	0.75 EA	0.75
6' EVERGREEN	3	0.50 EA	1.5
1.5" ORNAMENTAL	2	0.50 EA	1.0
TOTAL			3.25

LOCATION - SOUTH PERIMETER (PS)

LENGTH - 684'	LEVEL - 1		
REQUIRED POINTS - 6.84			
PROVIDED			
PLANT	QTY	PTS	SUB
2.5" SHADE	2	0.75 EA	1.5
6' EVERGREEN	5	0.50 EA	2.5
1.5" ORNAMENTAL	6	0.50 EA	3.0
TOTAL			7.0

LOCATION - EAST PERIMETER (PE)

LENGTH - 472'	LEVEL - 5		
REQUIRED POINTS - 23.6			
PROVIDED			
PLANT	QTY	PTS	SUB
2.5" SHADE	7	0.75 EA	5.25
6' EVERGREEN	25	0.50 EA	12.5
1.5" ORNAMENTAL	7	0.50 EA	3.5
36" SHRUB	24	0.10 EA	2.4
TOTAL			23.65

LOCATION - WEST PERIMETER (PW)

LENGTH - 669'	LEVEL - 1		
REQUIRED POINTS - 6.69			
PROVIDED			
PLANT	QTY	PTS	SUB
2.5" SHADE	5	0.75 EA	3.75
6' EVERGREEN	3	0.50 EA	1.5
1.5" ORNAMENTAL	3	0.50 EA	1.5
TOTAL			6.75

FOUNDATION PLANTING REQUIREMENTS

LOCATION - NORTH FOUNDATION (FN)

LENGTH - 261'	LEVEL - 1		
REQUIRED POINTS - 2.61			
PROVIDED			
PLANT	QTY	PTS	SUB
1.5" ORNAMENTAL	2	0.50 EA	1.0
36" SHRUB	7	0.10 EA	0.9
24" SHRUB	20	0.05 EA	1.0
TOTAL			2.7

LOCATION - SOUTH FOUNDATION (FS)

LENGTH - 289'	LEVEL - 1		
REQUIRED POINTS - 2.89			
PROVIDED			
PLANT	QTY	PTS	SUB
6' EVERGREEN	4	0.50 EA	2.0
36" SHRUB	9	0.10 EA	0.9
TOTAL			2.9

LOCATION - EAST FOUNDATION (FE)

LENGTH - 359'	LEVEL - 1		
REQUIRED POINTS - 3.59			
PROVIDED			
PLANT	QTY	PTS	SUB
6' EVERGREEN	1	0.50 EA	0.5
4' EVERGREEN NS	2	0.25 EA	0.5
1.5" ORNAMENTAL	2	0.50 EA	1.0
36" SHRUB	10	0.10 EA	1.5
24" SHRUB	12	0.05 EA	0.6
TOTAL			4.1

* 0.5 PUV RELOCATED TO NORTH FOUNDATION

LOCATION - WEST FOUNDATION (FW)

LENGTH - 354'	LEVEL - 1		
REQUIRED POINTS - 3.54			
PROVIDED			
PLANT	QTY	PTS	SUB
6' EVERGREEN	2	0.50 EA	1.0
4' EVERGREEN NS	7	0.25 EA	1.75
36" SHRUB	17	0.10 EA	1.7
24" SHRUB	17	0.05 EA	0.85
TOTAL			5.30

* 0.8 PUV RELOCATED TO NORTH FOUNDATION
* 1.3 PUV RELOCATED TO SOUTH FOUNDATION

SIGN PLANTING REQUIREMENTS

REQUIRED: 6 EVERGREEN SHRUBS PER SIGN
PROVIDED: 6 EVERGREEN SHRUBS PER SIGN

TRASH SCREENING REQUIREMENTS

REQUIRED: EVERGREEN SCREEN AROUND TRASH ENCLOSURE
PROVIDED: EVERGREEN SCREEN AROUND TRASH ENCLOSURE

PARKING EXTERIOR REQUIREMENTS

REQUIRED- 24" TALL SHRUBS, 36" ON CENTER
PROVIDED- 24" TALL SHRUBS, 36" ON CENTER

PARKING INTERIOR REQUIREMENTS

REQUIRED: 1 TREE PER 15 SPACES
PROVIDED: 1 TREE PER 15 SPACES

	SPACES	REQUIRED	PROVIDED
PARKING LOT A:	156	11	11

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PREPARED FOR:
KRUSE CONSULTING

7384 BUSINESS CENTER DRIVE
AVON, IN
E-MAIL:

PRELIMINARY NOT FOR CONSTRUCTION
KEVIN K. PARSONS
No. 10400
STATE OF INDIANA
REGISTERED LANDSCAPE ARCHITECT

CERTIFICATION

US HEALTHVEST

SOUTHFIELD DRIVE

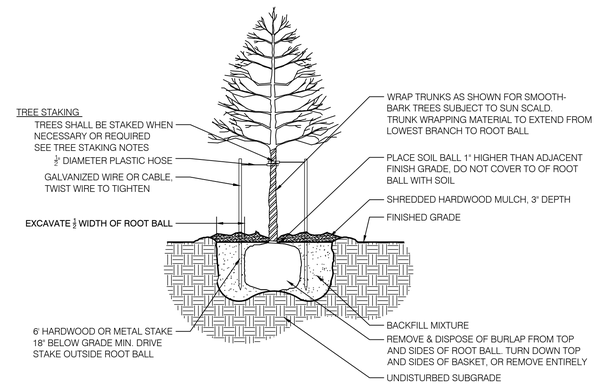
PLAINFIELD, IN

SITE LANDSCAPE PLAN

PROJECT: KPA-19502
DRAWN: DM
CHECKED: KKP/JML
SCALE: AS SHOWN
ISSUE DATE: 01/24/2019
REVISION: 02/14/2019 TAC DRC

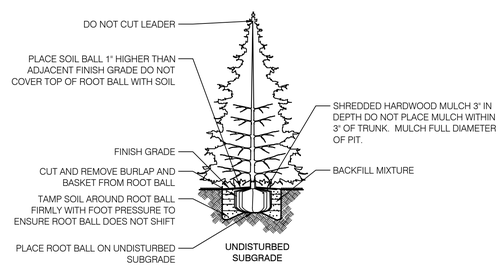
SITE LANDSCAPE PLAN

L1.01



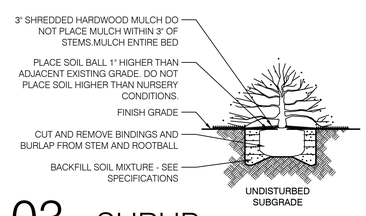
01 DECIDUOUS TREE

PLANTING DETAIL - NOT TO SCALE



02 EVERGREEN TREE

PLANTING DETAIL - NOT TO SCALE



03 SHRUB

PLANTING DETAIL - NOT TO SCALE

NOTES

GENERAL NOTES:

1. UTILITY LOCATION NOTE: ALL LOCATIONS SHOWN ARE APPROXIMATE AND BASED ON INFORMATION SUPPLIED BY EITHER THE CIVIL ENGINEER, SURVEYOR, OWNER, AND/OR MEASURED IN THE FIELD. IF DISCREPANCIES ARE PRESENT, CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT IMMEDIATELY AND PRIOR TO BEGINNING WORK.
2. IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.
3. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL PREPARATION, MATERIALS, DELIVERY, INSTALLATION AND INITIAL MAINTENANCE FOR THE LANDSCAPE PORTION OF THE PROJECT AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE. THE LANDSCAPE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES THAT MAY BE REQUIRED FOR HIS PORTION OF WORK.
4. PLANTS AND ALL OTHER MATERIALS TO BE STORED ON SITE WILL BE PLACED WHERE THEY WILL NOT CONFLICT W/ CONSTRUCTION OPERATIONS AND AS DIRECTED BY OWNER'S REPRESENTATIVE .
5. ALL UTILITIES SHALL BE LOCATED AND MARKED/FLAGGED PRIOR TO BEGINNING WORK. RELOCATE PLANTS FROM OVER OR UNDER UTILITIES. RELOCATION SHALL BE APPROVED PRIOR TO INSTALLATION.
6. CLEAN UP ALL DEBRIS AND REMOVE FROM SITE, REPAIR ALL DAMAGED OR DISTURBED AREAS CAUSED BY LANDSCAPE WORK.

PLANTING NOTES:

1. REMOVE WEEDS, ORGANIC MATTER AND ROCKS LARGER THAN 1.5" FROM SOIL.
2. BACKFILL FOR TREE PLANTING SHALL BE 75% APPROVED TOPSOIL AND 25% APPROVED ORGANIC COMPOST. TOP LAYER OF BACKFILL SHALL BE 100% OF SURROUNDING TOPSOIL. A 5-10-5 ANALYSIS SLOW RELEASE FERTILIZER SHALL BE INCORPORATED INTO BACKFILL AT APPROVED RATES.
3. THE TOPS OF ALL TREE AND SHRUB ROOT BALLS TO BE PLACED A MAXIMUM OF ONE (1) INCH ABOVE FINAL GRADE. ALL TREES LOCATED OUTSIDE OF BEDS SHALL HAVE A MINIMUM SIX (6) FOOT DIAMETER NON-LIPPED SAUCER AROUND PLANTING PIT. ALL SAUCERS SHALL BE WEED AND GRASS FREE. AN APPROVED PRE-EMERGENT HERBICIDE SHALL BE APPLIED IN ALL PLANTING BEDS AT A RATE SPECIFIED BY MANUFACTURER FOR EACH PLANT VARIETY.
4. ALL TREE SAUCERS AND PLANTING BEDS SHALL RECEIVE MINIMUM OF THREE (3) INCHES GRADE A, SHREDDED HARDWOOD BARK MULCH. NO CYPRESS, ARTIFICIAL OR DYED MULCH ALLOWED.
5. NO SUBSTITUTIONS OF PLANT MATERIALS WILL BE ALLOWED. IF PLANTS ARE NOT AVAILABLE, THE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT/ OWNER'S REPRESENTATIVE IN WRITING. ALL PLANTS SHALL BE INSPECTED AND TAGGED WITH PROJECT I.D. AT NURSERY OR CONTRACTORS OPERATIONS PRIOR TO MOVING TO JOB SITE. PLANTS MAY BE INSPECTED AND APPROVED OR REJECTED ON THE JOB SITE BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE .
6. THE OWNER, OWNER'S AGENT, OR THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY AND ALL PLANT MATERIALS AT ANY TIME DURING THE COURSE OF THE PROJECT UNTIL PROJECT IS ACCEPTED BY THE OWNER.
7. LANDSCAPE CONTRACTOR SHALL LAYOUT AND STAKE ALL PLANT LOCATIONS AS SHOWN ON THE DRAWINGS PRIOR TO INSTALLATION. OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT SHALL INSPECT AND APPROVE PLANT LOCATIONS FOR ACCURACY AND COMPLIANCE WITH DESIGN INTENT PRIOR TO INSTALLATION.
8. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE PLANTING OF SPECIFIED PLANTS AND MAINTAINING ALL PLANT MATERIALS IN AN ALIVE AND QUALITY CONDITION UNTIL ACCEPTANCE BY THE OWNER. THIS INCLUDES AS A MINIMUM: WATERING, WEEDING, INSECT AND DISEASE CONTROL, PRUNING OF DAMAGED OR UNSIGHTLY LIMBS, AND KEEPING PLANTS IN TRUE AND UPRIGHT POSITIONS.
9. CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL TO REMAIN ALIVE AND HEALTHY FOR ONE (1) YEAR FROM DATE OF ACCEPTANCE BY THE OWNER. ALL REPLACEMENTS SHALL BE PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. GUARANTEE REPLACEMENTS SHALL BE AS DIRECTED BY THE OWNER UNTIL FINAL ACCEPTANCE OF THE PROJECT FOLLOWING THE GUARANTEE PERIOD.

SODDING AND PREPARATION:

1. CONTRACTOR TO FINE GRADE AND PREPARE ALL SITE AREAS TO RECEIVE SOD. MAKE SITE SMOOTH TO FINAL GRADING PLAN ELEVATIONS, FILL IN DEPRESSIONS, LOW SPOTS AND GRADE SMOOTH.
2. ALL LAWN AREAS WITHIN LAWN LIMIT LINES TO RECEIVE 6" APPROVED STERILIZED TOPSOIL PRIOR TO SODDING OPERATIONS. ONCE TOPSOIL HAS BEEN PLACED, CONSTRUCTION ACTIVITY OF ANY KIND (EXCLUDING LANDSCAPING) SHALL NOT BE PERMITTED ON OR ACROSS ANY PLANTING AREA. CONTRACTOR SHALL FULLY EXCAVATE ANY PLANTING AREA THAT IS DISTURBED AND REPLACE WITH APPROVED TOPSOIL. SCARIFY SOIL TO DEPTH OF
3. 3 +/- INCHES PRIOR TO APPLICATION.
4. 3 LAWNS SHALL BE SODDED FOLLOWING SCARIFYING, FINAL GRADING, FERTILIZING, AND RAKING. LAWN SHALL BE FERTILIZED W/ 12-12-12 ANALYSIS FERTILIZER AT A RATE OF 10 lbs./1000 s.f.
5. WATER AND MAINTAIN GRASS UNTIL STAND IS ESTABLISHED AND READY FOR MOWING AT MINIMUM 4 INCH HEIGHT. CONTINUE TO WATER FOR A MINIMUM 30 DAYS OR UNTIL ACCEPTED BY OWNER.
6. 5. FOLLOWING SODDING OPERATIONS, CLEAN UP EXCESS MATERIALS, AND CLEAN ALL BARK MULCHED AND PAVED AREAS. ALL LAWNS SHALL BE GUARANTEED TO HAVE A FULL UNIFORM STAND OF ACCEPTABLE GRASS AT THE END OF THE ONE YEAR GUARANTEE PERIOD WITH NO BARE SPOTS COMPRISING MORE THAN 2% OF ANY LAWN AREA. ANY AREA SO NOTED WILL BE SODDED UNTIL AN ACCEPTABLE STAND OF GRASS IS ESTABLISHED.
7. ALL DISTURBED LAWN AREAS SHALL BE SODDED AS NOTED AND AS APPROVED BY OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT.

SEEDING AND PREPARATION:

1. CONTRACTOR TO FINE GRADE AND PREPARE ALL SITE AREAS TO RECEIVE SEED. MAKE SITE SMOOTH TO FINAL GRADING PLAN ELEVATIONS, FILL IN DEPRESSIONS, LOW SPOTS AND GRADE SMOOTH.
2. ALL LAWN AREAS WITHIN LAWN LIMIT LINES TO RECEIVE 6" APPROVED STERILIZED TOPSOIL PRIOR TO SEEDING OPERATIONS. ONCE TOPSOIL HAS BEEN PLACED, CONSTRUCTION ACTIVITY OF ANY KIND (EXCLUDING LANDSCAPING) SHALL NOT BE PERMITTED ON OR ACROSS ANY PLANTING AREA. CONTRACTOR SHALL FULLY EXCAVATE ANY PLANTING AREA THAT IS DISTURBED AND REPLACE WITH APPROVED TOPSOIL.
3. HYDROSEEDING IS ACCEPTABLE. APPLY WITH APPROVED EQUIPMENT DESIGNED FOR PROFESSIONAL HYDROSEEDING APPLICATIONS AT RECOMMENDED RATES.
4. PROVIDE FRESH, CLEAN NEW-CROP 'PREMIUM' GRADE SEED AND SEED MIXES AS FOLLOWS: (SUBMIT SEASONAL MIX ALTERNATIVE AS APPROPRIATE)
   40% KENTUCKY BLUEGRASS
   30% PERENNIAL RYE GRASS
   30% TURF TYPE TALL FESCUE
5. APPLY SEED AT RATE OF MINIMUM 175 POUNDS PER ACRE (4 LBS/1000SF).
6. SCARIFY SOIL TO DEPTH OF 3 INCHES PRIOR TO APPLICATION.
7. LAWNS SHALL BE SEEDED FOLLOWING SCARIFYING, FINAL GRADING, FERTILIZING, AND RAKING. LAWN SHALL BE FERTILIZED W/ 12-12-12 ANALYSIS FERTILIZER AT A RATE OF 10 lbs./1000 s.f. APPLY SEED MIX AT SPECIFIED RATE, AND LIGHTLY RAKE INTO TOP 1/4 INCH OF SOIL.
8. MULCH SEEDED AREAS WITH STRAW MULCH AT RATE OF MINIMUM 1 1/2 TON PER ACRE (70 LBS/1000SF). CRIMP OR TACK STRAW MULCH TO REMAIN IN PLACE UNTIL COMPLETE GERMINATION OF SEED AND ESTABLISHED GROWTH.
9. WATER AND MAINTAIN GRASS UNTIL STAND IS ESTABLISHED AND READY FOR MOWING AT MINIMUM 4 INCH HEIGHT. CONTINUE TO WATER FOR A MINIMUM 30 DAYS OR UNTIL ACCEPTED BY OWNER.
10. FOLLOWING SEEDING OPERATIONS, CLEAN UP EXCESS MATERIALS, AND CLEAN ALL BARK MULCHED AND PAVED AREAS.
11. FOLLOWING GERMINATION, APPLY HERBICIDE TO ALL GRASS GROWTH IN PLANT MULCH AREAS.
12. ALL LAWNS SHALL BE GUARANTEED TO HAVE A FULL UNIFORM STAND OF ACCEPTABLE GRASS AT THE END OF THE ONE YEAR GUARANTEE PERIOD WITH NO BARE SPOTS COMPRISING MORE THAN 2% OF ANY LAWN AREA. ANY AREA SO NOTED WILL BE RESEEDED OR SODDED UNTIL AN ACCEPTABLE STAND OF GRASS IS ESTABLISHED.
13. ALL DISTURBED LAWN AREAS SHALL BE SEEDED AS NOTED AND AS APPROVED BY OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT.

TREE STAKING NOTES:

1. CONTRACTOR TO STAKE WHEN NECESSARY OR REQUIRED, SUCH AS WIND PRONE AREAS OR UNSTABLE SOILS. STAKES SHALL BE PLACED IN MULCHED AREAS TO ALLOW FOR MOWING ADJACENT TURF.
2. STAKING SHOULD NOT BE USED TO COMPENSATE FOR DAMAGED OR WEAK TRUNKS OR ROOT BALLS, THESE TREES SHOULD BE REJECTED.
3. REMOVE ALL STAKING AS SOON AS THE TREE HAS GROWN SUFFICIENT ROOTS TO OVERCOME THE PROBLEM THAT REQUIRED THE TREE TO BE STAKED. STAKES SHALL BE REMOVED NO LATER THAN THE END OF THE FIRST GROWING SEASON AFTER PLANTING.
4. ASSURE THAT THE BEARING SURFACE OF THE PROTECTIVE COVERING OF THE WIRE OR CABLE AGAINST THE TREE TRUNK IS A MINIMUM OF 12 MM (0.5 IN.).
5. WIRES OR CABLE SIZES SHALL BE 14 to 12 GAUGE.
6. TIGHTEN WIRE OR CABLE ONLY ENOUGH TO KEEP FROM SLIPPING. ALLOW FOR SOME TRUNK MOVEMENT. PLASTIC HOSE TO BE LONG ENOUGH TO ACCOMMODATE 1.5" OF GROWTH AND BUFFER ALL BRANCHES FROM THE WIRE.
7. TUCK ANY LOOSE ENDS OF THE WIRE OR CABLE INTO THE WIRE WRAP SO THAT NO SHARP WIRE ENDS ARE EXPOSED.

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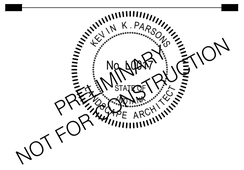

CERTIFICATION

US HEALTHVEST

SOUTHFIELD DRIVE

PLAINFIELD, IN

DETAILS AND NOTES

PROJECT: KPA-19502
DRAWN: DM

CHECKED: KKP/JML
SCALE: AS SHOWN
ISSUE DATE: 01/24/2019
REVISION: 02/14/2019 TAC DRC

DETAILS AND NOTES

L1.02