

ADVANCE CARE MEDICAL (ACM) AND DOG HAUS

2968 REFLECTION DRIVE
NAPERVILLE, WILL COUNTY, IL

CONTACTS

DEVELOPER:

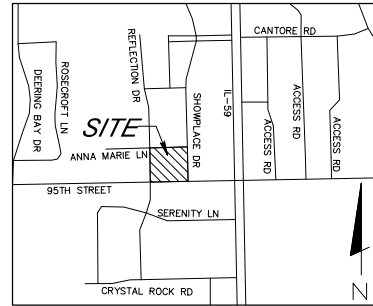
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LOCATION MAP

NOT TO SCALE

INDEX OF DRAWINGS

SHEET NO. DESCRIPTION CITY PROJECT NUMBER: 19-1000046

L1.0	COVER SHEET
L1.1	LANDSCAPE PLAN
L1.2	LANDSCAPE NOTES
L1.3	LANDSCAPE DETAILS

BENCHMARKS:
BENCHMARK 1:
 CITY OF NAPERVILLE CONTROL MONUMENT STATION 1003
 DISK LOCATED IN THE SOUTHWEST CORNER OF
 LEVERENZ ROAD AND STONELEIGH COURT.
 ELEVATION (USGS) 691.918
BENCHMARK 2:
 TOP OF SURVEY CAP ON NORTH RIGHT-OF-WAY LINE OF
 95TH STREET AT WEST ANGLE POINT.
 ELEVATION (USGS) 694.65
BENCHMARK 3:
 RIM OF SANITARY STRUCTURE LOCATED NEAR THE
 NORTHWEST CORNER OF THE SITE.
 ELEVATION 695.80

BARGE

DESIGN SOLUTIONS

615 3rd Avenue South, Suite 700 Nashville, Tennessee 37210
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FEMA NOTE:

THIS PROPERTY IS NOT LOCATED IN A FLOOD HAZARD AREA ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP 17197C0127G, DATED FEBRUARY 15, 2019. ZONE "X" (AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN.)

BARGE
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COVER SHEET

ACM AND DOG HAUS NAPERVILLE
2968 REFLECTION DRIVE, NAPERVILLE, WILL COUNTY, IL

DR	CHK	DATE	DESCRIPTION
			FOR PERMIT REVIEW
			FOR PERMIT REVIEW (REV 1)

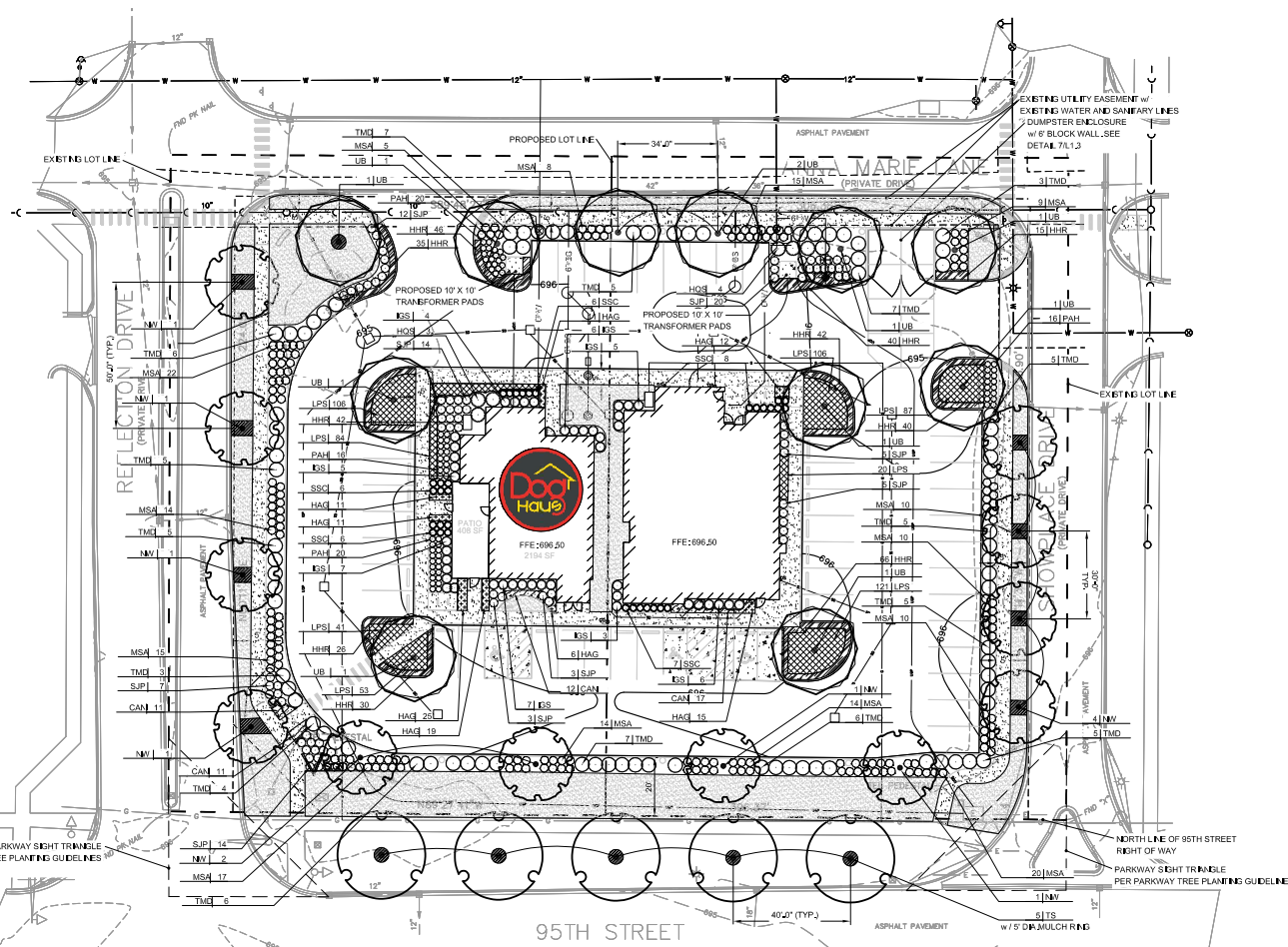
L1.0

FILE NO. 36950-02/03

CITY PROJECT NUMBER: 19-1000046

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EXHIBIT E



SITE INFORMATION TABLE:
 ZONING: B-2
 ACRES: 1.30 ACRES
 ACMP PARKING REQUIREMENT: 5 SPACES PER 1000 SF OF BUILDING
 DOG HAUS PARKING REQUIREMENT: 10 SPACES PER 1000 SF OF BUILDING
 ACMP REQUIRED PARKING: 18 SPACES
 DOG HAUS REQUIRED PARKING: 27 SPACES
 TOTAL REQUIRED PARKING: 45 SPACES
 PROVIDED PARKING: 53 SPACES
 BUILDING SETBACKS:
 FRONT: 20 FT FROM EDGE OF ROW

- NOTES:**
- SEE SHEET L7.01 FOR LANDSCAPE NOTES.
 - SEE SHEET L7.02 FOR LANDSCAPE DETAILS.
 - SEE CIVIL SHEETS FOR SITE LAYOUT.
 - UNLESS OTHERWISE NOTED SEED ALL AREAS TO LIMITS OF DISTURBANCE.
 - LANDSCAPE PLANTINGS COMPLY WITH THE SEPARATION DISTANCES FROM UTILITY SERVICES AND STRUCTURES AS REQUIRED BY SUBSECTION 5-10-3.9 OF THIS CHAPTER.

TREE PRESERVATION:
 NO TREES ARE CURRENTLY PRESENT ON PROJECT SITE.

LEGEND
 FESCUE SOD - REBEL II

- PARKWAY PLANTING REQUIREMENTS:**
- 40' TREE SPACING MAX
 - MIN. 4' FROM SIDEWALKS
 - 2" CAL. MIN.
 - SEE LANDSCAPE ORDINANCE 5-10-3, ITEM 3
- PERIMETER PARKING LOT SCREENING:**
- 70' MAX TREE SPACING
 - 2" CAL. MIN.
 - SHRUBS PLANTED AT MAX. 4' ON CENTER
 - SEE LANDSCAPE ORDINANCE 5-10-3, ITEM 4

- FOUNDATION PLANTINGS:**
- PLANTINGS SHALL BE PROVIDED ALONG ALL SIDES BUILDING THAT FACE PUBLIC RIGHT OF WAY.
 - 1 PLANT PER 3 LINEAR FEET OF FOUNDATION
 - SEE LANDSCAPE ORDINANCE 5-10-3, ITEM 4.2.1.2
- PARKING LOT ISLANDS:**
- 1 TREE PER 130 SQ. FT. OF ISLAND
 - 2" CAL. MIN.
 - MIN. 50% OF EACH ISLAND PLANTED WITH LIVE PLANT MATERIAL.
 - SEE LANDSCAPE ORDINANCE 5-10-3, ITEM 5.1.1

BENCHMARKS:
 BENCHMARK 1:
 CITY OF NAPERVILLE CONTROL MONUMENT STATION 1003 DISK LOCATED IN THE SOUTHWEST CORNER OF LEVERENZ ROAD AND STONELEIGH COURT. ELEVATION (UGSS) 891.918

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 TOP OF SURVEY CAP ON NORTH RIGHT-OF-WAY LINE OF 95TH STREET AT WEST ANGLE POINT. ELEVATION (UGSS) 894.65

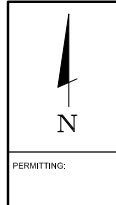
BENCHMARK 3:
 RIM OF SANITARY STRUCTURE LOCATED NEAR THE NORTHWEST CORNER OF THE SITE. ELEVATION 895.80

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PROPERTY INFO
 PARCELS LY: 0210144100690000 - OUTLOT
 ZONING: B-2 PUD
 FERRA: ZONE "R", PANEL NO. 17197CD127G, 215/18

BENCHMARK
 RIM OF SANITARY STRUCTURE LOCATED NEAR THE NORTHWEST CORNER OF THE SITE. ELEVATION 895.80

DATUM
 (NA83), (NAV88)



DESCRIPTION	DATE	BY
FOR PERMIT REVIEW		
FOR PERMIT REVIEW		

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	CAL/HT	REMARKS
NW	12	RYSSA SYLVATICA 'WILDFIRE'	BLACK GUM	B & B	2.5-3" CAL	CENTRAL LEADER, MATCHED, FULL CANOPY
TS	5	TILIA TOMENTOSA	SILVER LINDEN	B & B	2.5-3" CAL	CENTRAL LEADER, MATCHED, FULL CANOPY, SFT CLEAR TRUNK
UB	11	ULMUS PARVIFOLIA 'BOSQUE'	BOSQUE ELM	B & B	2.5-3" CAL	CENTRAL LEADER, MATCHED, FULL CANOPY
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SPACING	REMARKS
HQS	7	HYDRANGEA QUERCIFOLIA 'SNOW QUEEN'	SNOW QUEEN OAKLEAF HYDRANGEA	3 GAL.	60" O.C.	FULL IN POT, MATCHED
LOS	43	ILEX GLABRA 'SHAMROCK'	SHAMROCK	3 GAL.	42" O.C.	FULL IN POT, MATCHED
MSA	183	ANDROGONUM SINGENS 'AGADIO'	ANDROGONUM SINGENS	3 GAL.	36" O.C.	FULL IN POT, MATCHED
PAH	72	PENINSETUM ALPECOQUOIDES 'HAMELN'	HAMELN DWARF FOURTHORN GRASS	3 GAL.	24" O.C.	FULL IN POT, MATCHED
SSC	33	SCHIZACHYRIUM SCOPARIUM 'CAROUSEL'	CAROUSEL LITTLE BLUESTEM	3 GAL.	36" O.C.	FULL IN POT, MATCHED
SJP	83	SPIRAEA JAPONICA 'LITTLE PRINCESS'	LITTLE PRINCESS JAPANESE SPIREA	3 GAL.	36" O.C.	FULL IN POT, MATCHED
TMD	84	TAXUS X MEDIA 'DENSIFORMIS'	DENSE YEW	3 GAL.	60" O.C.	FULL IN POT, MATCHED
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SPACING	REMARKS
CAN	51	COROPHIS JURICULATA 'NANA'	PAYSVILLE DANIS	1 GAL.	18" O.C.	FULL IN POT, MATCHED
HRE	382	HEMEROCALLIS X 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL.	18" O.C.	FULL IN POT, MATCHED
HAG	110	HEUCHERA AMERICANA 'GREEN SPICE'	AMERICAN ALLAMROOT	1 GAL.	15" O.C.	FULL IN POT, MATCHED
LPS	618	LIRIOPE SPICATA	CREeping LILY TURF	1 GAL.	18" O.C.	FULL IN POT, MATCHED
SOD/SEED	QTY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SPACING	REMARKS
FR	8,988 SF	FESTUCA ARUNDINACEA 'REBEL II'	TALL FESCUE	SOD		

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CITY PROJECT NUMBER:19,1000046

EXHIBIT E

08/13/2019 16:44:00 ACB

L1.1
 FILE NO. 36950-02/03

GENERAL NOTES

1. PRIOR TO THE START OF WORK, THE LANDSCAPE CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL SURFACE AND UNDERGROUND UTILITIES, ETC., AND SHALL TAKE PROPER PRECAUTIONS TO PREVENT DAMAGE TO SUCH IMPROVEMENTS. IN THE EVENT ANY UTILITIES ARE UNCOVERED, THE LANDSCAPE CONTRACTOR SHALL PROMPTLY NOTIFY THE GENERAL CONTRACTOR. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION AND TO REPAIR ANY DAMAGE WHICH SHOULD OCCUR TO THE SATISFACTION OF THE OWNER.
2. EXAMINE SUBGRADE UPON WHICH WORK IS TO BE PERFORMED. VERIFY SUBGRADE ELEVATIONS, OBSERVE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED, AND PROVIDE PERCOLATION TESTS AND ALL OTHER TESTS NECESSARY TO ASCERTAIN THAT ADEQUATE GROWING CONDITIONS WILL BE PROVIDED FOR PLANTS. IF PERCOLATION TESTS OR SUBSOIL CONDITIONS INDICATE RETENTION OF WATER IN PLANTING AREAS, AS SHOWN BY SEEPAGE OR OTHER EVIDENCE INDICATING PRESENCE OF UNDERGROUND WATER, NOTIFY LANDSCAPE ARCHITECT IN WRITING OF THE FACT OR OTHER UNSATISFACTORY CONDITIONS BEFORE BACKFILLING. A CHANGE ORDER MAY BE ISSUED TO DIRECT INSTALLATION OF DRAIN TILE OR OTHER MEASURES BEYOND DRAINAGE REQUIREMENTS INDICATED. DO NOT PROCEED WITH THE WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. COMMENCEMENT OF PLANTING WORK INDICATES THAT SITE CONDITIONS HAVE BEEN ACCEPTED "AS IS" BY THE CONTRACTOR.
3. PLANT AND MATERIAL QUANTITIES IN THE PLANT SCHEDULE ARE BASED ON THE PLANS AS SHOWN. THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY SITE CONDITIONS THAT CHANGE DURING CONSTRUCTION THAT MAY IMPACT THE PLANT QUANTITIES REQUIRED AND/OR THEIR LOCATION.
4. PROTECT EXISTING GRASS AREAS, TREES, AND OTHER VEGETATION INTO REMAIN.
5. DAMAGE BY CONTRACTOR TO UNDISTURBED AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR TO THE SATISFACTION OF THE OWNER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LANDSCAPE QUANTITY CALCULATIONS AND THE LIABILITY WHICH PERTAINS TO THOSE QUANTITIES AND ANY RELATED CONTRACT DOCUMENTS AND/OR PRICE QUOTATIONS. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PLANT QUANTITIES REQUIRED TO COVER SPECIFIED AREAS AT THE DESIGNATED SPECIES.
7. CONTRACTOR IS RESPONSIBLE FOR CONDUCTING SITE INSPECTION PRIOR TO BEGINNING WORK TO DETERMINE SITE CONDITIONS AND AREAS TO BE PLANTED. SUBMISSIONS AND INDICATES CONTRACTOR HAS VERIFIED SITE CONDITIONS AND PLANT MATERIAL QUANTITIES.
8. PRIOR TO PLANTING, THE CONTRACTOR IS TO OBTAIN SOIL TESTS FOR ALL PLANTING AREAS TO DETERMINE IF THE PROPER SOIL PH IS PRESENT. RESULTS FROM THESE TESTS ARE TO BE SENT TO THE LANDSCAPE ARCHITECT. IF THE TEST INDICATES IMPROPER PH, THEN THE LANDSCAPE CONTRACTOR IS TO ADD LIME OR SULFUR TO PROVIDE THE PROPER SOIL PH.
9. SUBSTANTIAL COMPLETION WILL BE PROVIDED AFTER THE CONTRACTOR HAS SATISFACTORILY COMPLETED WORK REQUIREMENTS AS SPECIFIED. THE LANDSCAPE ARCHITECT WILL CONDUCT A SUBSTANTIAL COMPLETION INSPECTION AND PROVIDE A PUNCH LIST OF OBSERVED DEFICIENCIES.
10. FINAL ACCEPTANCE: THE LANDSCAPE ARCHITECT WILL PROVIDE THE FINAL INSPECTION AFTER THE CONTRACTOR HAS SATISFACTORILY CORRECTED THE DEFICIENCIES ON THE PUNCH LIST. SHOULD THE LANDSCAPE ARCHITECT'S INSPECTION FIND WORK INCOMPLETE, THE CONTRACTOR SHALL REMEDY THE DEFICIENCIES.
11. AFTER FINAL ACCEPTANCE AND PRIOR TO END OF WARRANTY PERIOD, CONTRACTOR SHALL REPLACE ALL PLANT MATERIAL THAT HAS DIED OR HAS DEFECTS, INCLUDING UNSATISFACTORY GROWTH, IN THE OPINION OF THE LANDSCAPE ARCHITECT.
12. DURING LANDSCAPE INSTALLATION, KEEP PAVEMENTS CLEAN AND WORK AREA IN ORDERLY CONDITION.
13. CONTRACTOR TO REPAIR ANY PAVEMENTS, CURBS, DRAINAGE AND OTHER IMPROVEMENTS DAMAGED AS A RESULT OF LANDSCAPE INSTALLATION ACTIVITIES.

LANDSCAPE NOTES

1. ONLY "HEMP" BURLAP AND TWINE SHALL BE USED. UN-TREATED OR PRESERVED BURLAP OR TWINE IS ALLOWED. ALL HEMP TWINE ATTACHED TO THE TREE TRUNK IS TO BE REMOVED AFTER PLANTING. AT A MINIMUM THE TOP ONE-THIRD OF THE ROOT BALL IS TO HAVE ALL BURLAP AND TWINE REMOVED.
2. DIMENSIONS FOR HEIGHTS, SPREAD, AND TRUNK SPECIFIED ON THE MATERIAL SCHEDULE IS A GENERAL GUIDE FOR THE MINIMUM DESIRED SIZE OF EACH PLANT. AT A MINIMUM, ALL PLANT MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF PUBLICATION MANS2631, AND AMERICAN STANDARDS FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
3. THE LOCATION OF ALL TREES SHOWN ON THE PLAN SHALL BE STAKED/FLAGGED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT BEFORE THE DIGGING OF PITS. PLANTING SHALL BE LOCATED WHERE SHOWN ON THE DRAWINGS OR WHERE FIELD LOCATED BY LANDSCAPE ARCHITECT.
4. PROVIDE ONLY PLANTS THAT ARE FREE FROM DISEASES AND PESTS, AND THAT COMPLY WITH THE LATEST EDITION OF PUBLICATION MANS2631, AMERICAN STANDARDS FOR NURSERY STOCK, BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
5. DO NOT MAKE SUBSTITUTIONS REGARDING PLANT SPECIES OR SPECIES WITHOUT WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT.
6. REMOVE ALL STRINGS AND OTHER TIES FROM TREES.
7. PLANTS DESIGNATED "B&B" IN THE PLANT LIST SHALL BE BALLED AND BURLAPPED. THEY SHALL BE DUG WITH FIRM NATURAL BALLS OF EARTH OF SUFFICIENT DIAMETER AND DEPTH TO ENCOMPASS THE PERIODEUS AND FEEDING ROOT SYSTEM NECESSARY FOR FULL RECOVERY OF THE PLANT. BALLS SHALL BE FIRMLY WRAPPED WITH BURLAP OR SIMILAR MATERIAL AND BOUND WITH TWINE OR CORD.
8. NO PLANT MATERIAL REQUIRED TO BE BALLED AND BURLAPPED SHALL BE ACCEPTED IF THE BALL IS CRACKED OR BROKEN BEFORE OR DURING THE PROCESS OF PLANTING, OR WHEN REQUIRED BURLAP, STAPLES, ROPES OR PLASTIC HAVE BEEN REMOVED.
9. MINIMIZE DAMAGE TO THE ROOT BALL WHEN INSTALLING ALL PLANT MATERIAL. IF ROOTS ARE GRINDING OR CRACKING THEY MUST BE CAREFULLY LOOSENED OR CUT.
10. THE BALLS OF "B&B" PLANTS WHICH CANNOT BE PLANTED IMMEDIATELY ON DELIVERY SHALL BE COVERED WITH MOIST SOIL OR MULCH, OR OTHER PROTECTANT FROM DRYING WINDS AND SUN. ALL PLANTS INSTALLED OR STORED SHALL BE WATERED BY CONTRACTOR AS NECESSARY UNTIL FINAL ACCEPTANCE.
11. ALL PLANTS SHALL BE HANDLED SO THAT ROOTS ARE ADEQUATELY PROTECTED AT ALL TIMES. DURING SHIPMENT, THE ENTIRE PLANT SHALL BE PROTECTED BY TARP/AULINE OR OTHER SUITABLE COVERINGS. PLANT MATERIAL SUFFERING FROM WIND BURN OR OTHER DAMAGE IS NOT ACCEPTABLE.
12. NO PLANT SHALL BE BOUND WITH ROPE OR WIRE IN A MANNER THAT DAMAGES THE BARK, BREAKS BRANCHES, OR DESTROYS ITS NATURAL SHAPE.
13. ANY SERIES OF TREES OR SHRUBS TO BE PLACED IN A PARTICULAR ARRANGEMENT WILL BE FIELD CHECKED FOR ACCURACY BY THE LANDSCAPE ARCHITECT. ANY PLANTS INCORRECTLY ARRANGED SHALL BE RELOCATED WITH LANDSCAPE ARCHITECT APPROVAL AT THE CONTRACTORS COST.

LANDSCAPE NOTES CONTINUED

14. PLANT BED PREPARATION: THOROUGHLY DISC, SCARIFY, & LOOSENSUBGRADE OF PLANTING BEDS TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES MEASURING OVER 1 INCH IN ANY DIMENSION. REMOVE ROCKS, STECKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER THAT WILL INTERFERE WITH VEGETATION ESTABLISHMENT OR MAINTENANCE OPERATIONS. ADD SPECIFIED SOIL AMENDMENTS AND MKR THOROUGHLY INTO UPPER 4 INCHES OF TOPSOIL.
15. PLANT BEDS SHALL BE SPRAYED WITH PRE-EMERGENT HERBICIDE (ACCORDING TO MANUFACTURERS INSTRUCTIONS) PRIOR TO PLANTING. FOR NODIOUS WEED CONTROL, AVOID OVER APPLICATIONS TO SEEDED GRASS AREAS.
16. ALL TREE PLANTINGS SHALL RECEIVE A MINIMUM 3" DEEP SHREDDED HARDWOOD MULCH LAYER (COST FOR MULCH TO BE INCLUDED IN BID PRICE FOR ASSOCIATED PLANTS AS NOTED ON SET DRAWINGS (SEE SHEET) AND TO BE OF SUFFICIENT CHARACTER AS NOT TO BE EASILY DISPLACED BY WATER RUNOFF OR WIND.
17. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR GUYING, FERTILIZING, APPLICATION OF INSECT DETERRENTS, AND FOR THE WATERING AND MAINTENANCE TO INCLUDE BUT NOT LIMITED TO WEEDING, MULDING, AND SITE REPAIRS OF ALL INSTALLED PLANT MATERIAL, INCLUDING SOIL AND SEED AREAS, UNTIL FINAL ACCEPTANCE OF LANDSCAPE ARCHITECT.
18. ALL PLANT MATERIAL IS TO BE GUARANTEED FOR ONE (1) YEAR. GUARANTEE PERIOD STARTS FROM DATE OF FINAL ACCEPTANCE OF LANDSCAPE ARCHITECT.
19. THE LANDSCAPE ARCHITECT MAY INSPECT TREES EITHER AT PLACE OF GROWTH OR AT SITE BEFORE PLANTING. FOR COMPLIANCE WITH REQUIREMENTS FOR GENUS, SPECIES, SIZE, AND QUALITY. LANDSCAPE ARCHITECT RETAINS THE RIGHT TO FURTHER INSPECT TREES FOR SIZE AND CONDITION OF ROOT BALL, INSECTS, INJURIES, AND LATENT DEFECTS TO REJECT UNSATISFACTORY OR DEFECTIVE. AT ANY TIME DURING COURSE OF WORK, REMOVE REJECTED MATERIAL IMMEDIATELY FROM THE PROJECT SITE.
20. REPLACEMENT PLANT MATERIAL SHALL CLOSELY MATCH ADJACENT SPECIMENS OF THE SAME SPECIES AND SHALL CONFORM TO THE STANDARDS FOR PLANT MATERIALS SPECIFIED. ALL REPLACED MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND ALL NECESSARY REPAIRS TO GRADES, LAWNAREAS, PAVING, AND OTHER AREAS DAMAGED DURING REPLACEMENT SHALL BE MADE AT NO COST TO THE OWNER.
21. CONTRACTOR TO SUBMIT 1 CF OF PROPOSED PLANTING SOIL TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL.
22. 6" OF TOPSOIL SHALL BE PROVIDED ON ALL LANDSCAPE AREAS UNLESS OTHERWISE NOTED.

SEEDING NOTES

1. 6" OF TOPSOIL SHALL BE PROVIDED ON ALL AREAS TO BE SEEDDED UNLESS NOTED OTHERWISE. INSTALL AND STABILIZE TOPSOIL PRIOR TO SEEDING.
2. FINE GRADE LAWNAREAS TO SMOOTH, EVEN SURFACE WITH LOOSE, UNIFORM FINE TEXTURE, ROLL, RAKE, AND DRAG LAWNAREAS, REMOVE RIDGES AND FILL DEPRESSIONS, AS REQUIRED TO MEET FINISH GRADES.
3. SEEDING IS TO BE DONE AS AREAS ARE READY. IF THE CONSTRUCTION SCHEDULE ALLOWS, SEEDING APPLICATION SHOULD BE DONE ACCORDING TO THE OPTIMUM SEEDING DATES LISTED IN THE SEEDING SCHEDULE. A TEMPORARY SEED AND APPLICATION IS TO BE ADDED TO THE SEED MKR DURING THE DATES LISTED IN THE SEED SCHEDULE. TIMES OF SEEDING IS TO BE AS NOTED ON DRAWINGS OR SPECIFICATION.
4. THE VENDOR SHALL NOTIFY THE LANDSCAPE ARCHITECT BEFORE SHIPMENTS ARE MADE SO THAT ARRANGEMENTS CAN BE MADE FOR INSPECTION AND TESTING OF STOCK.
5. AT THE DISCRETION OF THE LANDSCAPE ARCHITECT, SAMPLES OF THE SEED MAY BE TAKEN FOR CHECK AGAINST THE CERTIFIED LABORATORY REPORT. SAMPLING AND TESTING WILL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE TENNESSEE DEPARTMENT OF AGRICULTURE.
6. SEED BED PREPARATION: THOROUGHLY DISC, SCARIFY, & LOOSENSUBGRADE OF LAWN AREAS TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES MEASURING OVER 1 INCH IN ANY DIMENSION. REMOVE ROCKS, STECKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER THAT WILL INTERFERE WITH VEGETATION ESTABLISHMENT OR MAINTENANCE OPERATIONS. ADD SPECIFIED SOIL AMENDMENTS AND MKR THOROUGHLY INTO UPPER 4 INCHES OF TOPSOIL.
7. GRASS SEED: PROVIDE FRESH, CLEAN NEW CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY OFFICIAL SEED ANALYSIS OF NORTH AMERICA. PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES, PROPORTIONS, AND MINIMUM PERCENTAGES OF PURITY, GERMINATION AND MAXIMUM PERCENTAGE OF WEED SEED.
8. SEED ALL DISTURBED AREAS (THAT ARE NOT TO BE PAVED, PLANTED, OR SODDED).
9. UNLESS OTHERWISE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT, SEEDING OPERATIONS SHALL BE LIMITED TO THE FOLLOWING PLANTING PERIODS:
SPRING: APRIL 1 THROUGH JUNE 1
10. FERTILIZER: CONTRACTOR SHALL PERFORM A SOIL TEST PRIOR TO SEEDING AND APPLICATION OF ANY SOIL AMENDMENTS, AND SUBMIT RESULTS OF SOIL TESTS TO LANDSCAPE ARCHITECT FOR APPROVAL. APPLY ALL AMENDMENTS PER SOIL TEST RECOMMENDATIONS. SPREAD LIME AND FERTILIZER UNIFORMLY OVER ALL AREAS IMMEDIATELY BEFORE FINAL LAND PREPARATION AND MKR THOROUGHLY WITH THE SOIL.
11. PERMANENT VEGETATIVE COVER OF AT LEAST 95% IS REQUIRED FOR FINAL ACCEPTANCE.
12. REPAIR AND RESEED ALL ERODED OR DISTURBED SEEDDED AREAS WHERE VEGETATIVE COVER HAS NOT BEEN ESTABLISHED.
13. APPLY A 1/2" TO 3/4" LAYER OF THRASHED RYE, OAT, OR WHEAT STRAW, FOR SEEDING APPLICATIONS. APPLY MULCH ON ALL SEEDDED AREAS IMMEDIATELY FOLLOWING SEEDING OPERATIONS. MAINTAIN A COVER OF MULCH UNTIL SEEDS HAVE GERMINATED AND SEEDLINGS ARE A MINIMUM OF 2" IN HEIGHT AND MOWING OPERATIONS HAVE BEGUN. FIELD ADJUST FOR UNIFORM COVERAGE.
14. AREAS WILL BE REPLANTED IF PERMANENT VEGETATION IS DISTURBED OR NOT ESTABLISHED. CONTRACTOR TO MECHANICALLY REMOVE GROWTH OF OVER 12" PRIOR TO OVERSEEDING AND RESEEDING IN MEADOW AREAS IN THE SPRING TO ALLOW GROWTH OF PERMANENT VEGETATION.
15. THE CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF SEEDED AREAS UNTIL 95% PERMANENT GRASS COVER IS ESTABLISHED AND SEEDDED AREAS EXHIBIT HEALTHY AND VIGOROUS GROWTH AS DETERMINED BY LANDSCAPE ARCHITECT.
16. WHEN REQUIRED TO SEED OUTSIDE OF SPECIFIED PLANTING PERIODS, ADD AN ADDITIONAL 3 POUNDS PER 1,000 SQUARE FEET OF ANNUAL RYE GRASS.

SODDING NOTES

1. SOD ALL AREAS AS INDICATED ON THE PLAN. SOD IS TO BE SOL BASED SOD FOR ALL AREAS OF THE BASE PLAN. SOD VARIETY IS TO BE REBEL RESCUE GRASS. ALL SLOPES GREATER THAN 3% SHALL BE PEGGED TO HOLD SOD IN PLACE. ALL DRAINAGE SLOPES ARE TO RECEIVE A 6" WIDE BAND OF SOD. PROVIDE A 3" WIDE BAND OF SOD AROUND ALL DRAINAGE INLETS.
2. 6" OF TOPSOIL SHALL BE PROVIDED ON ALL AREAS TO BE SODDED. INSTALL AND STABILIZE PRIOR TO SOD.
3. SOD BED PREPARATION: LOOSENSUBGRADE OF LAWN AREAS TO A MINIMUM DEPTH OF 4 INCHES. REMOVE STONES MEASURING OVER 1 INCH IN ANY DIMENSION. REMOVE STECKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER. ADD SOIL AMENDMENTS IN ACCORDANCE WITH SOIL TEST REQUIREMENTS AND MKR THOROUGHLY INTO UPPER 4 INCHES OF TOPSOIL.
4. THE SOIL SHALL BE THOROUGHLY TILLED TO DEPTH OF FOUR (4) INCHES AND TWENTY-FIVE (25) POUNDS OF A COMPLETE FERTILIZER PER ONE THOUSAND (1,000) SQUARE FEET OF LAWN AREA SHALL BE ADDED. FOLLOWING THIS, THE SOD AREA SHALL BE GRADED TO REMOVE ALL RIDGES AND DEPRESSIONS, AND THE SURFACE CLEARED OF ALL STONE AND DEBRIS.
5. FINE GRADE LAWNAREAS TO SMOOTH, EVEN SURFACE WITH LOOSE, UNIFORM FINE TEXTURE, ROLL, RAKE, AND DRAG LAWNAREAS, REMOVE RIDGES AND FILL DEPRESSIONS, AS REQUIRED TO MEET FINISH GRADES.
6. SOD IS TO BE LAID AS SOON AS IT IS DELIVERED TO PLANTING AREAS, ONLY HEALTHY, MOIST, AND GREEN SOD IS TO BE LAID. ANY SOD WHICH IS BROWN AND UNDER STRESS IS UNACCEPTABLE. ANY SOD WHICH IS HOT LAD WITH 24 HOURS OF DELIVERY IS UNACCEPTABLE UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.
7. FERTILIZER: CONTRACTOR SHALL PERFORM A SOIL TEST PRIOR TO SODDING AND APPLICATION OF ANY SOIL AMENDMENTS, AND SUBMIT RESULTS OF SOIL TESTS TO LANDSCAPE ARCHITECT FOR APPROVAL. APPLY ALL AMENDMENTS PER SOIL TEST RECOMMENDATIONS. SPREAD LIME AND FERTILIZER UNIFORMLY OVER ALL AREAS IMMEDIATELY BEFORE FINAL LAND PREPARATION AND MKR THOROUGHLY WITH THE SOIL.
8. SOD IS TO BE ROLLED AND WATERED WITHIN 10 DAYS OF INSTALLATION.
9. AFTER TWO WEEKS, TOPDRESS AND THOROUGHLY WATER. TOPDRESS SHALL CONSIST OF 2 TO 1 POUND 8-38% URILE FORMALDEHYDE PER 1,000 S.F. AND 20 POUNDS OF 6-12-12 FERTILIZER.
10. TOP DRESS SODDED AREAS WITH CLEAN WEED FREE BUILDERS SAND MAY BE REQUIRED IF DENSED NECESSARY BY THE LANDSCAPE ARCHITECT TO FILL ANY DEPRESSIONS OR TO REGULATE THE SOD.
11. REPAIR AND RESEED ALL ERODED OR DISTURBED SOD AREAS WHERE DESIRED VEGETATIVE COVER HAS NOT BEEN ESTABLISHED. OR WHERE NODIOUS WEEDS EMERGE.
12. CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF SODDED AREAS UNTIL AREAS EXHIBIT HEALTHY AND VIGOROUS GROWTH AS DETERMINED BY LANDSCAPE ARCHITECT.



LANDSCAPE NOTES

ACM AND DOG HAUS NAPERVILLE
2080 REFLECTION DRIVE, NAPERVILLE, ILL. COUNTY, IL

DESCRIPTION	DATE	BY
FOR PERMIT REVIEW	03/27/2019	AVC
FOR PERMIT REVIEW (REV. 2)	03/28/2019	AVC

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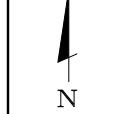
PROPERTY INFO
PARCELS LY: 0910104410060000 - OUTLOT
ZONING: B-2 PUD
FEMA: ZONE X7; PARCEL NO. 17197CD120, 215118

BENCHMARK
RIM OF SANITARY STRUCTURE LOCATED NEAR THE NORTHWEST CORNER OF THE SITE.
ELEVATION 695.80

DATUM
(NAD83), (NAVDS8)

L1.2

FILE NO. 36950-02/03

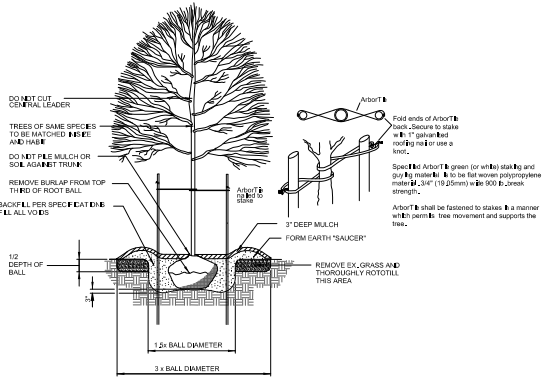


CITY PROJECT NUMBER: 16,1000046

EXHIBIT E

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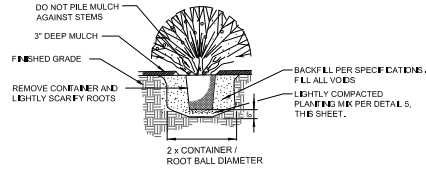
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NOTE:

- PROVIDE HARDWOOD STAKE ADJACENT TO TRUNK OF ALL TREES AND SECURE STAKE TO TRUNK WITH BIODEGRADABLE STRAP/TIES, ARBOR TIE STRAPS OR APPROVED EQUIVALENT.
- ANCHORS ARE TO BE DRIVEN TO DEEPEST POSSIBLE DEPTH ACCORDING TO SOIL TYPE. THE TRUNK OF ALL TREES IS REQUIRED TO BE PLUMB WITH THE GROUND PLANE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO STRAIGHTEN ANY TREE THAT DOES NOT HAVE A VERTICAL TRUNK. IF CONTRACTOR ELECTS TO STAKE SMALLER TREES DIFFERENTLY THAN THE DETAIL, HE IS TO SUBMIT DETAIL FOR APPROVAL PRIOR TO STAKING.
- TOP OF ROOT BALL TO BE EQUAL OR SLIGHTLY HIGHER THAN EXISTING GRADE.
- DO NOT PIERCE ROOT BALL WITH STAKES.
- PRUNE TREE UNDER DIRECTION OF LANDSCAPE ARCHITECT.
- ARROWHEAD ANCHOR TO BE AS MANUFACTURED BY TREE PROG ENVIRONMENTAL PRODUCTS (407-382-1030) OR ARBORBRACE (305-892-4104), OR APPROVED EQUAL.

1 TYPICAL TREE PLANTING DETAIL
L1.3 NTS



2 TYPICAL SHRUB PLANTING DETAIL
L1.3 NTS

ROW SPACING (A)	PLANT SPACING (B)	OFFSET DIST. (1/2 B)
6" O.C.	6" O.C.	3"
8" O.C.	8" O.C.	4"
10" O.C.	10" O.C.	5"
12" O.C.	12" O.C.	6"
15" O.C.	15" O.C.	7.5"
18" O.C.	18" O.C.	9"
24" O.C.	24" O.C.	12"
30" O.C.	30" O.C.	15"
36" O.C.	36" O.C.	18"
42" O.C.	42" O.C.	21"
48" O.C.	48" O.C.	24"

ROW SPACING A TO EQUAL PLANT SPACING B TO CREATE EQUILATERAL TRIANGLE. SPACING B TO BEGIN/OFFSET AT HALF DISTANCE.

OFFSET DIST. EQUAL TO 1/2 SPACING B

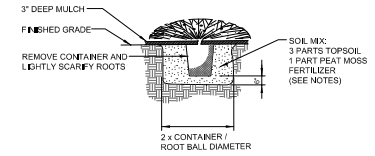
SPACING A

SPACING B

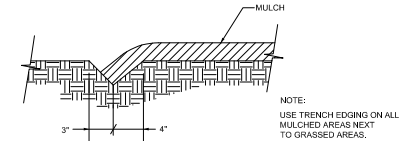
SHRUBS / GROUND COVER PLANTS

TRIANGLE / OFFSET SPACING

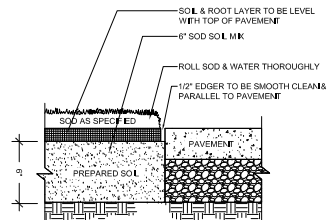
3 TYPICAL PLANT SPACING DETAIL
L1.3 NTS



3 TYPICAL GROUND COVER PLANTING DETAIL
L1.3 NTS

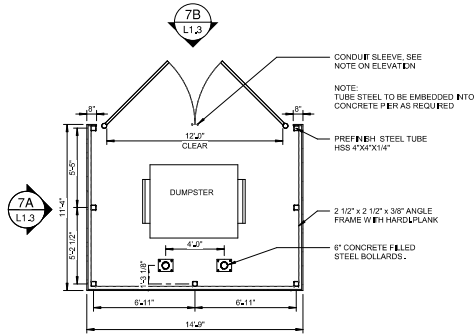


5 TYPICAL TRENCH EDGING DETAIL
L1.3 NTS

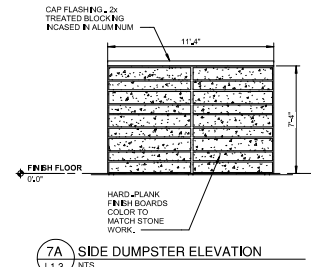


NOTE: SOD PIECES ARE TO BE BUTTED UP AGAINST EACH OTHER WITH NO GAPS. IF THERE ARE GAPS THEY SHOULD BE FILLED WITH SOD OR SAND.

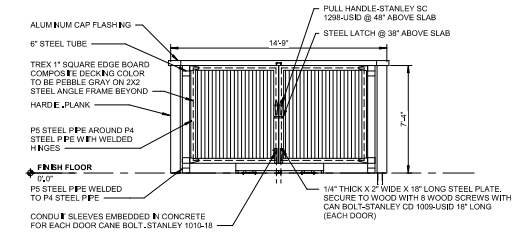
6 SOD DETAIL
L1.3 NTS



7 DUMPSTER ENCLOSURE DETAIL
L1.3 NTS



7A SIDE DUMPSTER ELEVATION
L1.3 NTS



7B FRONT DUMPSTER ELEVATION
L1.3 NTS

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PROPERTY INFO
PARCELS LY: 070104410060000 - OUTLOT
ZONING: B-2 PUD
FEMA: ZONE "X", PANEL NO. 17197CD1270, 211518

BENCHMARK
RIM OF SANITARY STRUCTURE LOCATED NEAR THE NORTHWEST CORNER OF THE SITE. ELEVATION 695.80

DATUM
(NAD83, NAVD88)

DESCRIPTION	DATE	BY
FOR PERMIT REVIEW	05/13/2019	
FOR PERMIT REVIEW (REV 2)		

PERMITTING:

L1.3
FILE NO. 36950-02/03

LANDSCAPE DETAILS

ACM AND DOG HAUS NAPERVILLE
2088 REFLECTION DRIVE, NAPERVILLE, ILL. COUNTY, IL

BARGE DESIGN SOLUTIONS
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