

CONSTRUCTION PLANS FOR SUMMERLYN-AMENITIES THE JONES COMPANY

INTERSECTION OF NOLENSVILLE ROAD AND YORK ROAD
A PORTION OF PARCEL 34.06 ON WILLIAMSON COUNTY PROPERTY MAP 58
WILLIAMSON COUNTY CIVIL DISTRICT 17

CONTACTS

OWNER/DEVELOPER

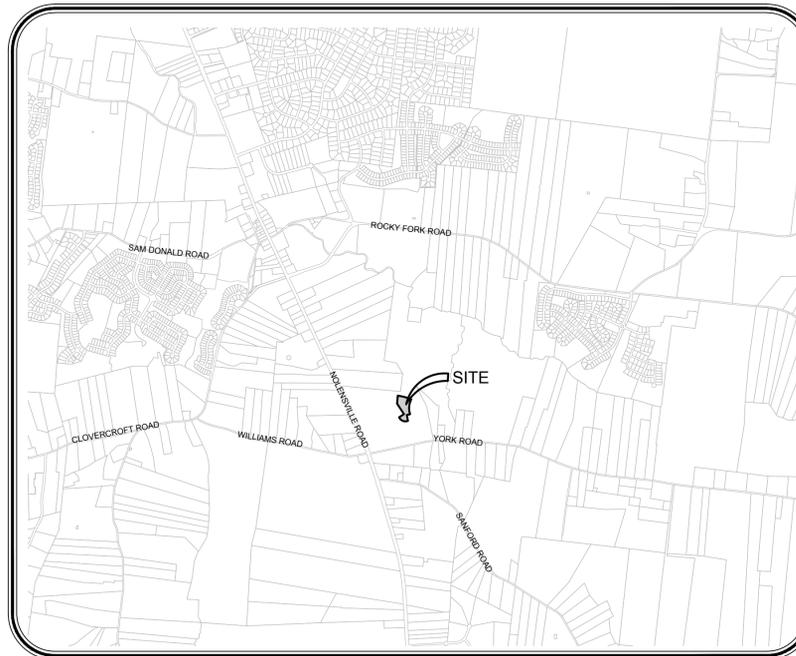
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LOCATION MAP
1"=2000'

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SUMMERLYN-AMENITIES
FOR
THE JONES COMPANY
TOWN OF NOLENSVILLE, WILLIAMSON COUNTY, TN

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:
15-074	0253	B. SMITH	D. SIEBERG	N.T.S.	SEPTEMBER 08, 2015

10-31-15 PER CLIENT COMMENTS
REVISIONS



Know what's below.
Call before you dig.

TOWN OF NOLENSVILLE, WILLIAMSON COUNTY, TN

COVER SHEET

CVR

01/15/2015 09:58:00 AM RAGAN SMITH ARCHITECTS, INC. 1100 WOODLAND STREET, SUITE 200, NASHVILLE, TN 37206
PLOTTER: HP DESIGNJET T1100E (44) 10/23/15 11:27 AM LATE UPDATED BY GWS ON 11/23/15 11:27 AM

RSA STANDARD NOTES

GENERAL NOTES

- THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS, AND PAY ALL LEGAL FEES AND CONSTRUCTION TESTING FEES ASSOCIATED WITH THE PROJECT. HE SHALL ALSO COMPLY WITH ALL CITY, COUNTY AND STATE BUILDING LAWS, ORDINANCES OR REGULATIONS RELATING TO BUILDING SIDEWALKS, STREETS, WATER MAINS, SEWERS, BLASTING, ETC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL BEAR ALL EXPENSES FOR THE FIELD STAKING OF THE SITE LAYOUT NECESSARY FOR THE PROPER EXECUTION OF THE WORK. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE DAMAGE OR LOSS OF ANY REFERENCE POINTS, MONUMENTS, HUBS AND LOT CORNERS STAKED BY OTHERS DURING THE CONSTRUCTION OF HIS WORK AND SHALL BEAR THE COST OF REPLACING SAME.
- THE CONTRACTOR IS TO CHECK AND VERIFY ALL MEASUREMENTS, LEVELS, ETC., BEFORE ORDERING MATERIALS AND PROCEEDING WITH THE WORK, AND IS TO BE RESPONSIBLE FOR THE SAME.
- THE CONTRACTOR MUST UNDERSTAND THAT THE WORK IS ENTIRELY AT HIS RISK UNTIL SAME IS ACCEPTED AND HE WILL BE HELD RESPONSIBLE FOR ITS SAFETY BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE PREMISES OR ADJACENT PREMISES, OR INJURIES TO THE PUBLIC DURING THE CONSTRUCTION OF THE WORK, CAUSED BY HIMSELF, HIS SUBCONTRACTORS OR THE CARELESSNESS OF ANY OF HIS EMPLOYEES. NOTHING IN THE GENERAL NOTES SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY WORKS SUCH AS BRACING, SHEETING AND SHORING, BLASTING PROTECTION, WARNING LIGHTS AND BARRICADES, ETC. AS MAY BE NECESSARY FOR THE PROTECTION OF LIFE AND PROPERTY FOR HIS OWN EMPLOYEES AND THE GENERAL PUBLIC. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY STATUTES AND RULES REQUIRING CERTAIN PROTECTIVE PERSONAL APPAREL SUCH AS HARD HATS, EAR PLUGS, EYE SHIELDS, PROTECTIVE SHOES, ETC. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY OR LIABILITY FOR ACTIONS TAKEN BY THE CONTRACTOR ENDANGERING LIFE OR PROPERTY.
- THE LOCATION OF EXISTING PIPING AND UNDERGROUND UTILITIES, SUCH AS WATER AND GAS LINES, ELECTRICAL, FIBER OPTIC AND TELEPHONE CONDUITS, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION BY ACTUAL SURVEYS, OR TAKEN FROM THE RECORDS AND DRAWINGS OF THE EXISTING UTILITIES. THE OWNER AND ENGINEER DO NOT ASSUME RESPONSIBILITY FOR THE POSSIBILITY THAT, DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED OR THAT ACTUAL LOCATION OF THOSE SHOWN MAY BE DIFFERENT FROM THE LOCATIONS DESIGNATED ON THE CONTRACT DRAWINGS. IN AREAS WHERE IT IS NECESSARY THAT EXACT LOCATIONS BE KNOWN OF UNDERGROUND UTILITIES, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, FURNISH ALL LABOR AND TOOLS TO EITHER VERIFY AND SUBSTANTIATE OR DEFINITELY ESTABLISH THE POSITION OF UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION FOR ANY ACTIVITY THAT WILL PLACE EQUIPMENT OR PERSONNEL WITHIN CONTACT RANGE OF OVERHEAD OR UNDERGROUND ELECTRICAL OR GAS TRANSMISSION LINES. ANY SUCH ACTIVITY WITHIN A NOTED UTILITY EASEMENT OR THE PROXIMITY OF ELECTRICAL OR GAS LINE UTILITIES SHOULD BE COORDINATED WITH THE PROPER UTILITY BEFORE COMMENCING WITH ANY WORK. IT IS INCUMBENT UPON THE CONTRACTOR TO BECOME FAMILIAR WITH THE SITE AND TO VERIFY TO HIS SATISFACTION THE LOCATION, NATURE AND EXTENT OF ALL OVERHEAD AND UNDERGROUND UTILITIES THAT WILL BE IMPACTED BY THE CONSTRUCTION EFFORTS REQUIRED FOR THIS PROJECT. THE CONTRACTOR SHALL INSTALL ALL NECESSARY WARNING OR SAFETY SIGNAGE, BARRICADES, OR NOTICES, ETC. TO INSURE THE SAFETY OF HIS EMPLOYEES AND THE GENERAL PUBLIC IN THE PROJECT AREA.
- IN TENNESSEE, IT IS A REQUIREMENT BY LAW, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) NOR MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC. AT 1-800-351-1111 IS REQUIRED.
- PORTIONS OF THE WORK SHOWN ON THESE PLANS MAY REQUIRE TRENCH AND/OR MASS EXCAVATION. IN SOME CASES, THIS WILL REQUIRE THE REMOVAL OF ROCK. IN THE USE OF EXPLOSIVES FOR THE SUBSEQUENT EXCAVATION OF ROCK MATERIAL, ALL APPLICABLE LOCAL AND STATE REQUIREMENTS REGARDING THE USE AND STORAGE OF EXPLOSIVE MATERIAL WILL BE FOLLOWED. THE PROPER PERMITS WILL BE SECURED AND PRE-BLAST SURVEYS WILL BE CONDUCTED IN AREAS WHERE ADJACENT PROPERTIES OR IMPROVEMENTS OFF OF THE PROJECT PROPERTY COULD BE IMPACTED. IN PORTIONS OF THE PROJECT WHERE TRENCH EXCAVATION IS REQUIRED, THE CONTRACTOR WILL BECOME FAMILIAR WITH ALL APPLICABLE TRENCH SAFETY REQUIREMENTS AND REGULATIONS AND TAKE THE NECESSARY MEASURES TO INSURE THE SAFETY OF HIS EMPLOYEES AND ANY OTHER INDIVIDUALS HAVING A NEED TO BE IN AND AROUND THE WORK.
- IF, DURING CONSTRUCTION OF THIS PROJECT, A QUESTION OF INTENT OR CLARITY ARISES FROM THE CONSTRUCTION PLANS, THE CONTRACTOR WILL IMMEDIATELY BRING THE MATTER TO THE ATTENTION OF THE CIVIL ENGINEER FOR RESOLUTION BEFORE THE AFFECTED WORK ITEMS ARE INITIATED OR PURSUED FURTHER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ANY AFFECTED OFFSITE PROPERTY OWNER TWO WEEKS PRIOR TO CONSTRUCTION ON SAID OFFSITE PROPERTY. THIS NOTIFICATION IS REQUIRED EVEN WITH CONSTRUCTION BEING CONFINED WITHIN EXISTING EASEMENT(S). ACCESS TO ALL PRIVATE PROPERTIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.
- CARE SHALL BE TAKEN TO PROTECT ANY UTILITIES, TREES, BUILDINGS, ETC. WHICH ARE TO REMAIN AND NOT TO BE DISTURBED BY THE CONSTRUCTION.
- THE CONTRACTOR'S AUTHORIZED FIELD REPRESENTATIVE SHALL NOTIFY THE TOWN OF NOLENSVILLE PRIOR TO COMMENCING ANY WORK ON THE PUBLIC ROW.
- THE SITE DEVELOPMENT PORTION OF THIS PROJECT WILL BE SUBJECT TO THE INSPECTION AND FINAL APPROVAL OF THE APPROPRIATE PUBLIC WORKS DEPARTMENT, WATER DEPARTMENT/DISTRICT, SEWER DEPARTMENT/DISTRICT, AND POSSIBLY THE PLANNING COMMISSION.

GRADING, DRAINAGE & ROADWAY NOTES:

- THE EXISTING CONTOURS SHOWN ARE FROM FIELD RUN SURVEY. CONTOUR INTERVAL IS 2 FEET.

GRADING, DRAINAGE & ROADWAY NOTES:

- ALL GRADING, PUBLIC ROADWAY CONSTRUCTION AND DRAINAGE APPURTENANCES TO BE BUILT AND INSTALLED AS PER THE SPECIFICATIONS OF THE TOWN OF NOLENSVILLE BEFORE ANY SURFACE TREATMENT IS PUT DOWN, SUBGRADE MUST BE PROOFROLLED AND ACCEPTED BY THE TOWN OF NOLENSVILLE.
- TOPSOIL STRIPPED FROM THE AREAS TO BE GRADED WILL BE STOCKPILED ON SITE AS DIRECTED BY THE OWNER AND ENGINEER AND SHALL LATER BE USED IN FINAL DRESSING AND SEEDBED PREPARATION. SAID STOCKPILES WILL BE LOCATED SO AS NOT TO INTERFERE WITH ACTIVITIES OF OTHER PORTIONS OF THE WORK ON THE PROJECT. ALL MATERIAL SHALL BE STOCKPILED IN UPLAND (NON--WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE.
- THE CONTRACTOR WILL PLACE AND STORE IN STOCKPILES CONSTRUCTION MATERIAL, INCLUDING BUT NOT LIMITED TO CRUSHED STONE, TOPSOIL, EXCAVATED WORK AND/OR ROCK, IN SUCH A WAY AS NOT TO IMPOSE A POTENTIAL FOR SLIDES OR MOVEMENT OF THE MATERIAL THAT WOULD CAUSE INJURY OR DEATH TO THE CONTRACTOR'S EMPLOYEES OR ANY OTHER INDIVIDUAL THAT MIGHT BE ON THE PROJECT SITE. THIS WOULD INCLUDE BUT NOT NECESSARILY BE LIMITED TO THE SECURING OF STOCKPILE MATERIALS BY FENCING OR OTHER MEANS TO PRECLUDE UNWARRANTED VISITORS OR TRESPASSERS ON THE PROJECT SITE. STOCKPILED MATERIALS SHALL NOT IMPAIR NECESSARY SIGHT DISTANCES FOR PUBLIC ROADWAYS, DRIVEWAYS, CONSTRUCTION ENTRANCES, ETC.
- THE PLACING AND SPREADING OF ANY FILL MATERIAL IS TO BE STARTED AT THE LOWEST POINT AND BROUGHT UP IN HORIZONTAL LAYERS OF 8 INCH THICKNESS. SAID FILL MATERIAL IS TO BE SOIL AND ROCK ONLY, FREE OF SOD, ROOTS, FROZEN SOILS OR ANY OTHER DECOMPOSABLE MATERIAL. THE RELATIVE COMPACTION OF EACH LAYER SHALL NOT BE LESS THAN 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698). MORE STRINGENT COMPACTION MEASURES MAY BE REQUIRED IN STRUCTURAL AREAS (E.G. BUILDING PADS, PAVED AREAS, ETC.), THEREFORE REFER TO GEOTECHNICAL REPORT AND/OR APPROPRIATE GOVERNING BODY SPECIFICATIONS.
- ANY SURPLUS EXCAVATION SHALL BE REMOVED FROM THE SITE AS DIRECTED BY THE OWNER AND/OR CIVIL ENGINEER.
- THE STOCKPILING OR STORAGE OF TREES, VEGETATION AND OTHER DELETERIOUS MATTER OR MATERIALS DEEMED "UNSUITABLE" BY THE SOILS AND CIVIL ENGINEERS SHALL NOT BE ALLOWED ON SITE. SAID MATERIALS SHALL BE PROPERLY DISPOSED OF OFF THE PROPERTIES. THE COST AND RESPONSIBILITY OF WHICH SHALL BE THE CONTRACTOR'S. SITE FOR THE DISPOSAL OF SAID MATERIALS SHALL FIRST BE APPROVED BY THE CIVIL ENGINEER.
- FINISHED PROFILE GRADE IS SHOWN ON PLANS AND CENTERLINE CUT STAKE WILL BE CENTERLINE FINISHED GRADE.
- THE CONTRACTOR SHALL OFFSET ALL CENTERLINE STAKES BEFORE BEGINNING THE CLEARING AND GRADING OPERATION AND SET ALL NECESSARY STAKES FOR THE PROPER EXECUTION OF THE WORK.
- ALL ROADWAY SECTIONS TO BE BUILT AS PER THE TYPICAL SECTION AS SHOWN WITHIN THESE PLANS.
- ALL EXPOSED PIPE CULVERT ENDS WILL HAVE HEADWALLS AS PER THE APPROPRIATE GOVERNING BODY. ALL EXPOSED PIPE CULVERT ENDS WILL BE STABILIZED WITH ENERGY DISSIPATION MEASURES AS PER REQUIREMENTS OF APPROPRIATE GOVERNING BODY.
- ARROWS IN STREET AREA INDICATE DIRECTION OF FLOW OF SURFACE DRAINAGE.
- ALL ROADWAY CONSTRUCTION AND DRAINAGE STRUCTURES TO BE PER THE CURRENT REQUIREMENTS AND SPECIFICATIONS OF THE APPROPRIATE GOVERNING BODY.
- T.C. EL. REFERS TO TOP OF GRATE OF CASTINGS. FOR CURB INLETS, THE T.C. EL. IS DEFINED AS THE ELEVATION AT THE CENTER POINT OF THE GRATE AT THE CURB FACE. FOR OTHER DRAINAGE STRUCTURES, THE T.C. EL. IS DEFINED AS THE ELEVATION AT THE CENTER OF THE STRUCTURE. OFFSET DISTANCES ARE MEASURED FROM THE ROADWAY CENTERLINE TO THE T.C. EL. POINT. DRAINAGE STRUCTURE CASTING SHALL BE DRY SET WHEN BUILT AND MORTAR SET LATER WHEN ADJUSTED TO GRADE OF FINAL SURFACE TREATMENT.
- ALL DRAINAGE COMPUTATIONS ARE BASED ON A 10-YEAR STORM FREQUENCY; LOCATION SPECIFIC RUNOFF COEFFICIENT; AREA IN ACRES; AND THE RATIONAL FORMULA OF Q=CIA.
- ALL STORM DRAINAGE CASTINGS TO BE JOHN BOUCHARD & SONS CO. OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.
- ALL STORM DRAINAGE PIPES TO BE RCP, CLASS III, UNLESS OTHERWISE NOTED.
- INSTALLATION OF PIPE MATERIAL SHALL BE PLACED WITH A SCREEN STONE ENVELOPE AND WHEN UNDER PAVEMENT ENTIRE TRENCH TO BE BACKFILLED WITH SCREEN STONE TO SUBGRADE. SIZE OF STONE, ENVELOPES, AND TRENCHES TO BE SPECIFIED BY MUNICIPALITIES FOR PUBLIC LINES AND PRIVATE LINES TO ADHERE TO COMMON PRACTICES FOR INSTALLATION REQUIREMENTS.

MAINTENANCE/INSPECTION PROCEDURES

- THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.
- ALL CONTROL MEASURES WILL BE INSPECTED TWICE EACH WEEK, 72 HOURS APART, AND IMMEDIATELY AFTER A RAIN EVENT OF 0.25 INCHES OR GREATER.
 - ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
 - BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE--THIRD THE HEIGHT OF THE FENCE.
 - SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
 - THE SEDIMENT TRAPS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB.
 - TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
 - A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
 - THE SITE SUPERINTENDENT, WILL SELECT THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.

MAINTENANCE/INSPECTION PROCEDURES-CONT.

- THOSE SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM QUALIFIED PERSONNEL. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ON--SITE IN GOOD WORKING ORDER.

- UNPROTECTED SOILS SHALL BE STABILIZED WHEN CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 14 DAYS.

EROSION/SILTATION CONTROL NOTES:

- AREAS AND TIME OF EXPOSURE OF UNPROTECTED SOILS SHALL BE KEPT TO A MINIMUM WHENEVER POSSIBLE.
- KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS.
- USE TEMPORARY VEGETATION AND/OR MULCH TO PROTECT BARE AREAS FROM EROSION DURING CONSTRUCTION.
- NO OTHER WORK WILL BE INITIATED ON THE PROJECT UNTIL THE EROSION/ SILTATION MEASURES SHOWN ON THE PLANS AND DETAILS ARE PROPERLY IN PLACE.
- SILT FENCE SHOWN ON PLANS IS TO BE USED AS TEMPORARY SEDIMENT BARRIERS. SEE DETAIL FOR PROPER INSTALLATION AND MAINTENANCE.
- IF, AT ANY TIME DURING THE CONSTRUCTION PHASE OF THIS PROJECT, THE EROSION/SILTATION MEASURES INSTALLED FAIL TO FUNCTION PROPERLY, NEED MAINTENANCE OR REPAIR, OR NEED NEW REPLACEMENT IN KIND, THE CONTRACTOR WILL EFFECT SUCH ACTIONS AS ARE NEEDED TO CORRECT THE SITUATION AT NO ADDITIONAL COST TO THE OWNER.
- DISTURBED AREAS ARE TO BE GRADED TO DRAIN AS INDICATED ON PLAN TO SEDIMENT BARRIERS DURING AND UPON COMPLETION OF CONSTRUCTION.
- ALL CUT/FILL AREAS TO HAVE A MINIMUM OF 6--INCH DEPTH TOPSOIL COVER. AREAS DRESSED WITH TOPSOIL WILL RECEIVE 12 POUNDS PER 1000 SQUARE FEET OF 6-12-12 FERTILIZER, 5 POUNDS OR MORE OF KENTUCKY 31 FESCUE SEED PER 1000 SQUARE FEET AND A STRAW MULCH OF 70%-80% COVERAGE (APPROXIMATELY 125 POUNDS PER 1000 SQUARE FEET) EXCEPT AS OTHERWISE DETERMINED BY PLAN.
- UPON STABILIZATION OF THE PROJECT SITE WITH A GOOD (ACCEPTABLE) STAND OF GRASS AND/OR GROUND COVER, THE EROSION/SILTATION INSTALLATIONS WILL BE REMOVED AND THE AREA DISTURBED WILL BE SEEDED AND MULCHED WITH THE SAME TREATMENT AS OTHER NEW GRASSED AREAS OF THE PROJECT.
- PRIOR TO THE ISSUANCE OF A GRADING PERMIT, ALL EROSION/SILTATION CONTROL MEASUREMENTS INDICATED ON THE PLANS SHALL BE INSTALLED.

- EROSION CONTROL BARRIERS (SILT FENCE) SHALL BE PLACED WHERE INDICATED PRIOR TO CLEARING, GRUBBING, GRADING, AND FILLING. EROSION CONTROL BARRIERS (SILT FENCE) SHALL BE ADJUSTED AND PLACED ALONG NEWLY ESTABLISHED CONTOURS AS A RESULT OF THE FILL OPERATIONS.
- INSPECTION AND MAINTENANCE OF EROSION CONTROL DEVICES SHALL BE PERFORMED ON A REGULAR BASIS.
- EROSION CONTROL DEVICES MUST BE IN PLACE AND INSPECTED BY LOCAL GOVERNING BODY, PRIOR TO ISSUANCE OF LAND DISTURBANCE PERMIT.

SANITARY SEWER NOTES

- THE CONTRACTOR'S AUTHORIZED FIELD REPRESENTATIVE SHALL NOTIFY THE APPROPRIATE UTILITY DEPARTMENT 48 HOURS PRIOR TO COMMENCING ANY WORK ON THE PROPOSED SANITARY SEWER LINE EXTENSIONS.
- ALL MATERIALS AND WORKMANSHIP FOR SANITARY SEWER LINES AND APPURTENANCES WILL BE IN STRICT COMPLIANCE WITH THE APPROPRIATE UTILITY DEPARTMENT/DISTRICT SPECIFICATIONS AND DETAILS, LATEST EDITION.
- ANY AND ALL FEES, LICENSES AND PERMITS NECESSARY FOR THIS CONSTRUCTION ARE TO BE OBTAINED PRIOR TO THE INITIATION OF CONSTRUCTION AND THE COST OF SAME TO BE BORNE BY THE CONTRACTOR.
- THE SANITARY SEWER LINE WORK SHALL BE APPROVED BY THE APPROPRIATE UTILITY DEPARTMENT/DISTRICT.
- NO CONNECTION TO THE EXISTING SANITARY SEWER SYSTEM WILL BE PERMITTED UNTIL THE NEW SANITARY SEWER WORK HAS BEEN INSPECTED AND IS APPROVED BY THE APPROPRIATE UTILITY DEPARTMENT/DISTRICT.
- TEN--FOOT MINIMUM HORIZONTAL SEPARATION AND 18" VERTICAL SEPARATION TO BE MAINTAINED BETWEEN WATER AND SANITARY SEWER LINES WHEREVER POSSIBLE.
- ALL SANITARY SEWER SERVICES WILL BE TEE OR WYE--CONNECTED TO MAIN LINE.
- SANITARY SEWER SERVICES MAY BE EXTENDED FROM MANHOLES AT THE END OF A SEWER LINE ONLY.
- FOR LOCATIONS OF 6--INCH SANITARY SEWER SERVICE LINES, SEE SANITARY SEWER PLAN AND PROFILE SHEETS.
- SEWER SERVICES TO BE INSTALLED A MINIMUM OF 1.0% TO SLOPE TOWARDS SEWER MAIN UNLESS NOTED OTHERWISE.
- SANITARY SEWER SERVICES TO BE EXTENDED 1' BEYOND R.O.W., EASEMENT OR SIDEWALK, WHICHEVER IS THE LONGEST.
- AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY DEPARTMENT/DISTRICT.
- ALL SANITARY SEWER MAINS SHALL BE REQUIRED TO PASS A LOW PRESSURE AIR TEST.
- ALL MANHOLES SHALL BE VACUUM TESTED AS PER APPROPRIATE UTILITY DEPARTMENT/DISTRICT.
- RECORD DRAWINGS ("AS BUILTS") MAY BE REQUIRED; SEE APPROPRIATE UTILITY DEPARTMENT/DISTRICT'S STANDARD SPECIFICATIONS.
- ALL MANHOLES TO HAVE TRAFFIC BEARING FRAMES AND COVERS UNLESS NOTED OTHERWISE ON THE PLAN/PROFILE SHEETS.
- NO TREES SHALL BE PLANTED WITHIN A SANITARY SEWER LINE EASEMENT.

WATER NOTES

- THE CONTRACTOR'S AUTHORIZED FIELD REPRESENTATIVE SHALL NOTIFY THE APPROPRIATE UTILITY 48 HOURS PRIOR TO COMMENCING ANY WORK ON THE PROPOSED WATER LINE EXTENSIONS.
- ALL MATERIALS AND WORKMANSHIP FOR WATER LINES AND APPURTENANCES WILL BE IN STRICT COMPLIANCE WITH THE APPROPRIATE UTILITY DEPARTMENT/DISTRICT SPECIFICATIONS AND DETAILS AS ON FILE WITH THE TENNESSEE DEPARTMENT OF HEALTH AND ENVIRONMENT, DIVISION OF WATER QUALITY CONTROL. (W598--0067).
- THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE COSTS OF REASONABLE INSPECTION FEES OF THE APPROPRIATE WATER DEPARTMENT/DISTRICT.
- ANY AND ALL FEES (EXCLUDING INSPECTION FEES), LICENSES AND PERMITS NECESSARY FOR THIS CONSTRUCTION ARE TO BE OBTAINED PRIOR TO THE INITIATION OF CONSTRUCTION AND THE COST OF SAME TO BE BORNE BY THE CONTRACTOR.
- BEFORE ANY WATER LINE WORK IS INITIATED ON THIS PROJECT, THE APPROPRIATE WATER DEPARTMENT/DISTRICT SHOULD BE CONTACTED BY THE CONTRACTOR AND ALL REQUIREMENTS OF THAT AGENCY SATISFIED. UPON COMPLETION OF WATER LINE INSTALLATION, LINE DISINFECTION AND PRESSURE TESTING MUST BE DONE BY THE CONTRACTOR UNDER THE INSPECTION OF THE APPROPRIATE WATER DEPARTMENT/DISTRICT.
- THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES (INCLUDING STORM DRAINAGE PIPES OR STRUCTURES) BEFORE COMMENCEMENT OF CONSTRUCTION.
- THE WATER LINE WORK SHALL BE APPROVED BY THE APPROPRIATE UTILITY DEPARTMENT/DISTRICT.
- NO CONNECTION TO THE EXISTING WATER SYSTEM WILL BE PERMITTED UNTIL THE NEW WATER WORK HAS BEEN INSPECTED AND IS APPROVED BY THE APPROPRIATE UTILITY DEPARTMENT/DISTRICT.
- WATER LINE CONSTRUCTION IS TO BE COMPLETED EXCEPT FOR ACTUAL CONNECTIONS TO EXISTING WATER LINE. AT LEAST 72 HOURS PRIOR TO CONNECTING PROPOSED WATER LINE TO THE SYSTEM, THE CONTRACTOR WILL NOTIFY THE APPROPRIATE WATER DEPARTMENT/DISTRICT, AND COORDINATE METHOD OF CONNECTION AND TIME TO SHUT DOWN EXISTING WATER LINE, IF REQUIRED.
- TEN--FOOT MINIMUM HORIZONTAL SEPARATION AND 18" VERTICAL SEPARATION TO BE MAINTAINED BETWEEN WATER AND SANITARY SEWER LINES WHEREVER POSSIBLE.
- AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY DEPARTMENT/DISTRICT.
- RECORD DRAWINGS ("AS BUILTS") MAY BE REQUIRED; SEE APPROPRIATE UTILITY DEPARTMENT/DISTRICT'S STANDARD SPECIFICATIONS.
- NO TREES SHALL BE PLANTED WITHIN A WATER LINE EASEMENT.
- THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE COSTS OF REASONABLE INSPECTION FEES OF THE APPROPRIATE WATER DEPARTMENT/DISTRICT.
- WATER LINE MATERIAL SHALL BE AS SPECIFIED BY THE APPROPRIATE WATER DEPARTMENT/DISTRICT.
- ALL BENDS, TEES, CROSSES, PLUGS, PRESSURE CONNECTIONS, ETC., SHALL BE BACKED UP AND ANCHORED WITH CONCRETE BLOCKING.

GEOTECHNICAL NOTE

- NO GEOTECHNICAL STUDY HAS BEEN CONDUCTED ON THIS SITE. HOWEVER, THE DESIGN FOR THE SITE IMPROVEMENTS SHOWN ON THIS PLAN HAS RELIED ON EXPERIENCE WITH SIMILAR PROJECTS AND SIMILAR SOIL/SITE CONDITIONS. IF, IN THE PURSUIT OF THIS WORK BY THE CONTRACTOR, CONDITIONS OR CIRCUMSTANCES ARE ENCOUNTERED THAT ARE DIFFERENT THAN REFLECTED IN THESE PLANS OR THAT APPEAR TO IMPACT THE SCOPE OF THE WORK, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE CIVIL ENGINEER, AND THE OWNER/DEVELOPER BEFORE ANY REMEDIAL COURSE OF ACTION OR DESIGN CHANGE IS INITIATED. ALL PARTIES (OWNER, CIVIL ENGINEER, PROPER GOVERNMENTAL AGENCIES, AND CONTRACTOR) MUST BE IN AGREEMENT AND THE MAGNITUDE OF THE COST/TIME REQUIRED FOR THE MEASURES ESTABLISHED.

RSA SPECIAL NOTES

PROJECT SPECIFIC NOTES

- CONTRACTOR TO ADJUST EXITING UTILITY CASTINGS AS NECESSARY.
- PAVEMENT DIMENSIONS SHOWN ARE FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
- THIS PROJECT WILL BE SUBJECT TO THE INSPECTION AND FINAL APPROVAL OF THE TOWN OF NOLENSVILLE.
- DRIVEWAYS TO BE REPLACED WITH LIKE MATERIALS TO THE TIE DOWN LOCATIONS SHOWN ON PLANS. ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- ALL PAY ITEMS HAVE BEEN EXPLICITLY SET FORTH AS SUCH IN THE PROPOSAL; ALL OTHER ITEMS OF COST ARE TO BE INCLUDED IN THE PRICE OF THE ITEMS ACTUALLY BID UPON.
- BEFORE ANY CLEARING/GRUBBING WORK IS INITIATED, THE CONTRACTOR AND REPRESENTATIVES OF BOTH ARCHITECT AND CIVIL ENGINEER WILL "WALK--OUT" THE "LIMIT OF CLEAR LINE" AND INSURE THAT IT IS CLEARLY MARKED AND VISIBLE.
- THE CONTRACTOR SHALL MAKE AVAILABLE SOILS TEST REPORTS TAKEN DURING AND AFTER THE GRADING OPERATION TO SHOW THAT THE COMPACTION REQUIREMENTS HAVE BEEN MET. THE COST OF THIS REPORT SHALL BE BORNE BY THE CONTRACTOR.

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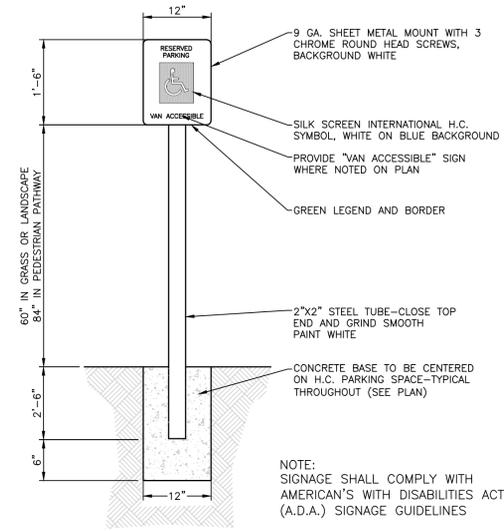
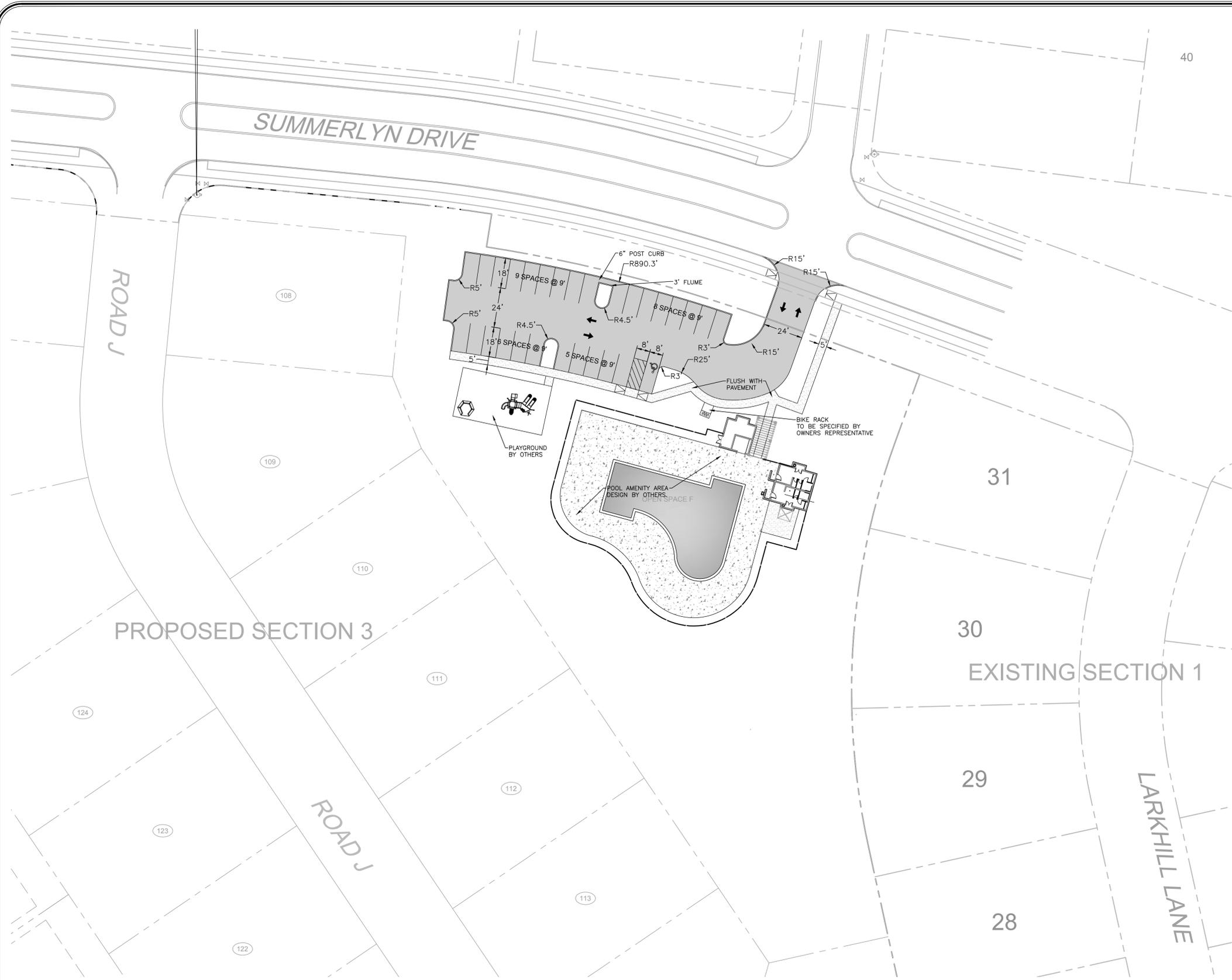
SUMMERLYN-AMENITIES
 FOR
THE JONES COMPANY
 TOWN OF NOLENSVILLE, WILLIAMSON COUNTY, TN

CIVIL NOTES

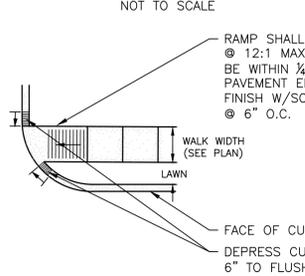
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10-23-15 PER CLIENT COMMENTS
 REVISIONS

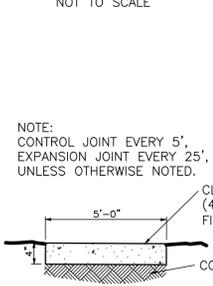
JOB NO.	15-074
WK. ORDER	0253
DESIGNED:	B. SMITH
DRAWN:	D. SIEBERG
SCALE:	N.T.S.
DATE:	SEPTEMBER 08, 2015



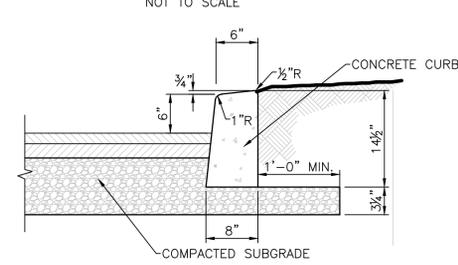
EXTERIOR ACCESSIBILITY SIGN



ACCESSIBILITY RAMP

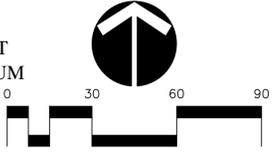


CONCRETE WALK



POST CURB

- SIDEWALK NOTES:**
1. NO WALK OR RAMP TO MAKE A CROSS-SLOPE GREATER THAN 2.0% (1:50).
 2. NO WALK TO HAVE A RUNNING SLOPE GREATER THAN 5.0% (1:20), UNLESS DEPICTED AS A RAMP WITH COMPLAINT HANDRAILS; IN WHICH CASE A MAXIMUM RUNNING SLOPE OF 8.3% (1:12).



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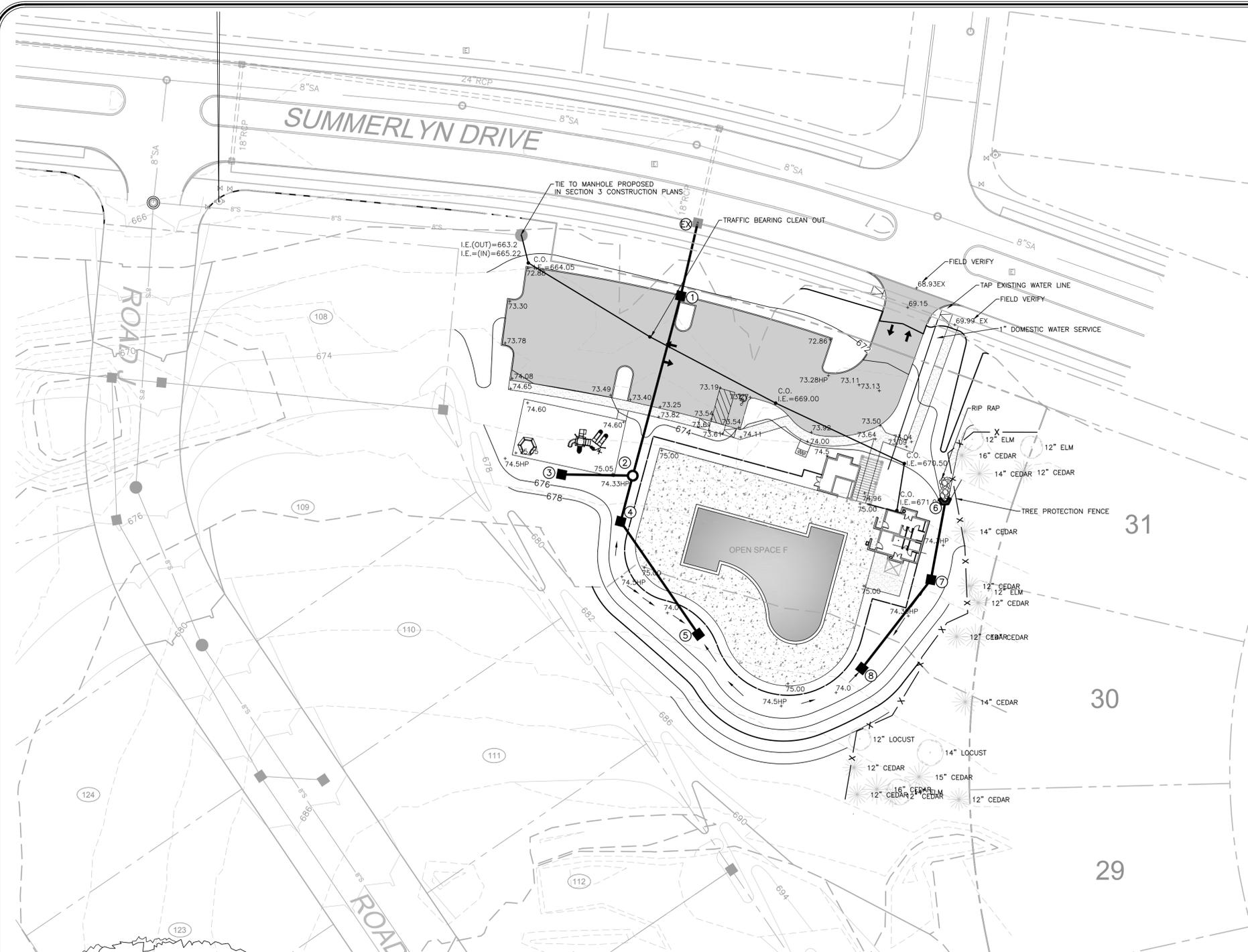
SUMMERLYN-AMENITIES
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WK. ORDER	0253	DESIGNED:	B. SMITH	SCALE:	1"=30'
JOB NO.	15-074	DRAWN:	D. SIEBERG	DATE:	SEPTEMBER 08, 2015
REVISIONS					

OVERALL LAYOUT

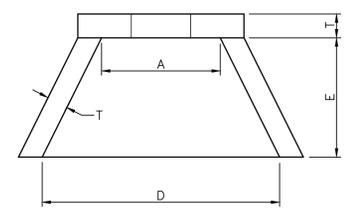
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DRAINAGE STRUCTURE SCHEDULE				
NO.	TYPE*	CASTING	RIM	INVERTS
1	SINGLE CURB INLET	3300	672.05	668.15 (EX) 668.35 (2)
2	JUNCTION BOX	---	674.20	670.53 (3) 670.53 (4) 670.33 (1)
3	SINGLE GRATE INLET	4310	674.10	672.10 (2)
4	SINGLE GRATE INLET	4310	674.00	670.78 (2) 670.98 (5)
5	SINGLE GRATE INLET	4310	673.70	671.70 (4)
6	18" HEADWALL	---	671.95	670.40 (7)
7	SINGLE GRATE INLET	4310	674.00	670.81 (6) 671.01 (8)
8	SINGLE GRATE INLET	4310	673.70	671.60 (7)
EX	SINGLE CURB INLET	3300	668.00	664.50 (1)

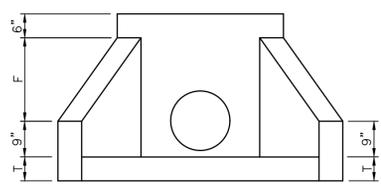
PIPE TABLE			
LINE	SIZE/TYPE	LENGTH	SLOPE
1-2	12" RCP	98'	2.02%
2-3	12" HDPE	38'	4.18%
2-4	12" HDPE	25'	1.00%
4-5	12" HDPE	72'	1.00%
6-7	12" HDPE	41'	1.00%
7-8	12" HDPE	59'	1.00%
EX-1	12" RCP	39'	9.27%



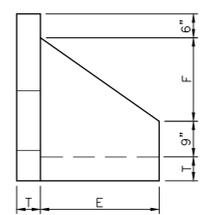
TOP VIEW

CONCRETE: 4000 PSI AT 28 DAYS
REINFORCED WITH NO. 4 BARS 10" C.C.
EACH WAY WITH WINGS AND TOE SLAB
DOGWELLED TO HEADWALL WITH NO. 5 BARS.

3/4" CHAMFER ON ALL EXPOSED EDGES



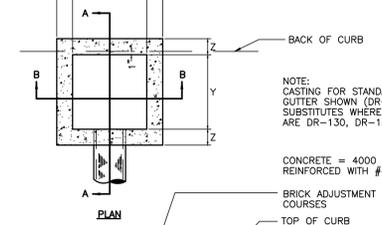
FRONT VIEW



SIDE VIEW

TABLE OF DIMENSIONS				
PIPE SIZES	A	D	E	F (MIN.)
15"	2'-6"	5'-0"	2'-6"	1'-9"
18"	2'-6"	5'-0"	2'-6"	1'-9"
21"	2'-6"	5'-0"	2'-6"	1'-9"
24"	4'-0"	6'-6"	3'-0"	3'-3"
30"	4'-0"	6'-6"	3'-0"	3'-3"
36"	5'-6"	8'-0"	3'-6"	4'-5"
42"	5'-6"	8'-0"	3'-6"	4'-5"
48"	5'-6"	8'-0"	3'-6"	4'-5"
54"	7'-0"	9'-5"	4'-6"	5'-9"
60"	7'-0"	9'-5"	4'-6"	5'-9"
66"	8'-6"	11'-0"	5'-6"	6'-11"
72"	8'-6"	11'-0"	5'-6"	6'-11"

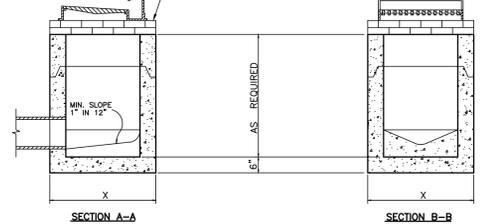
METRO STANDARD DR-160
CONCRETE HEADWALL
NOT TO SCALE



NOTE:
CASTING FOR STANDARD CURB AND
GLITER SHOWN (DR-129) ACCEPTABLE
SUBSTITUTES WHERE USE IS DIRECTED
ARE DR-130, DR-132, DR-133

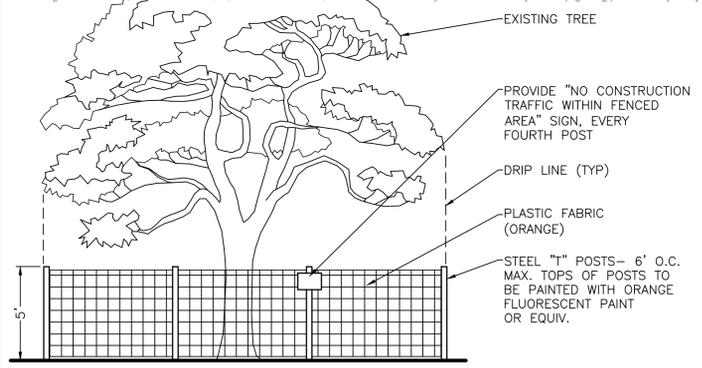
CONCRETE = 4000 PSI AT 28 DAYS
REINFORCED WITH #4, GRADE 60 BARS

BRICK ADJUSTMENT
COURSES



SINGLE INLET (PRECAST)
NOT TO SCALE
SEE TABLE FOR MINIMUM DIMENSION
BASED ON PIPE SIZE

TABLE OF DIMENSIONS			
PIPE SIZES	X	Y	Z
18"	40"	28"	6"
24"	48"	32"	8"
30"	64"	48"	8"
36"	78"	62"	8"
42"	78"	62"	8"
48"	88"	72"	8"



NOTE:
ALL TREE PROTECTION FENCING SHALL
BE IN PLACE PRIOR TO THE ISSUANCE
OF A GRADING PERMIT

NOTE:
POSTS TO BE PLACED AT
DRIP LINE - SEE PLANS
FOR FENCE LOCATION

TREE PROTECTION DETAIL
NOT TO SCALE

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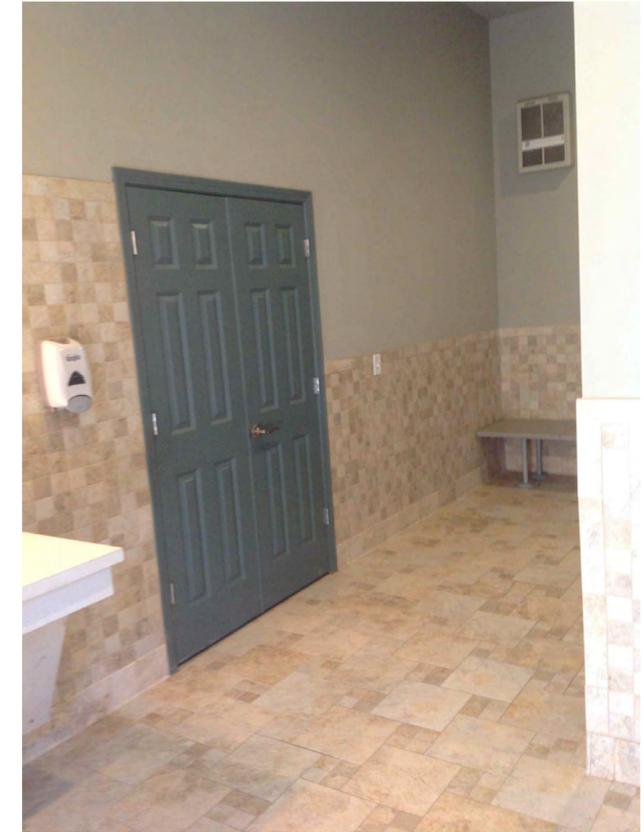
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GRADING & UTILITY PLAN

C2.0





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SUMMERLYN-AMENITIES
 FOR
THE JONES COMPANY

TOWN OF NOLENSVILLE, WILLIAMSON COUNTY, TN

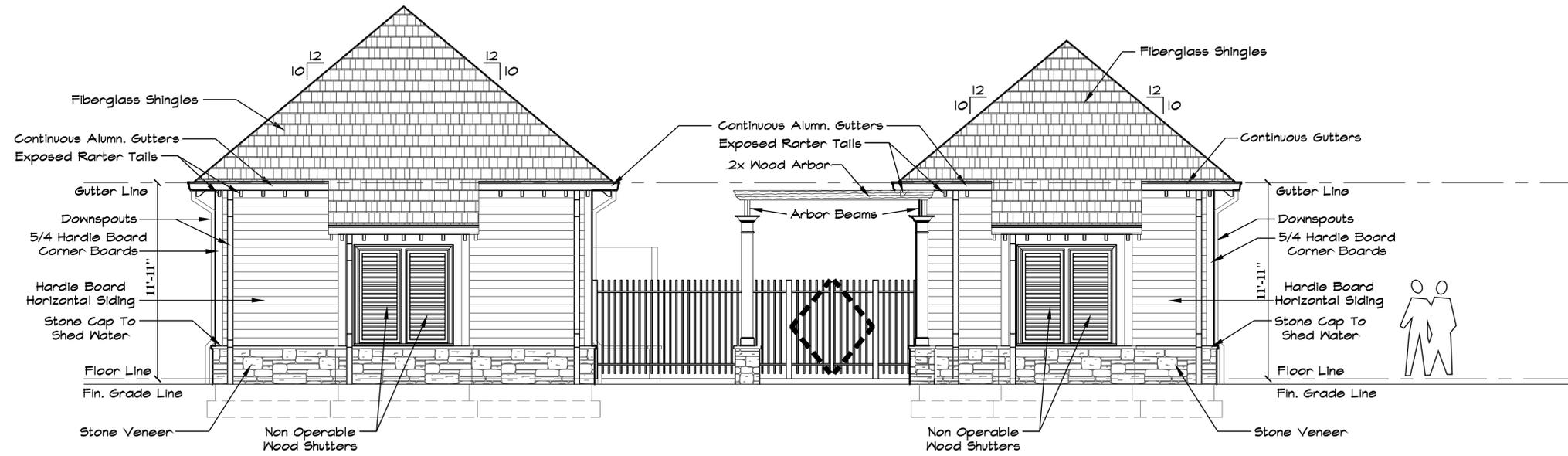
JOB NO.	15-074	DESIGNED:	N/A	REVISIONS
WK. ORDER	0253	DRAWN:	N/A	
		SCALE:	N/A	
		DATE:	OCTOBER 23, 2015	

ARCHITECTURAL
 IMAGES

AR1.0

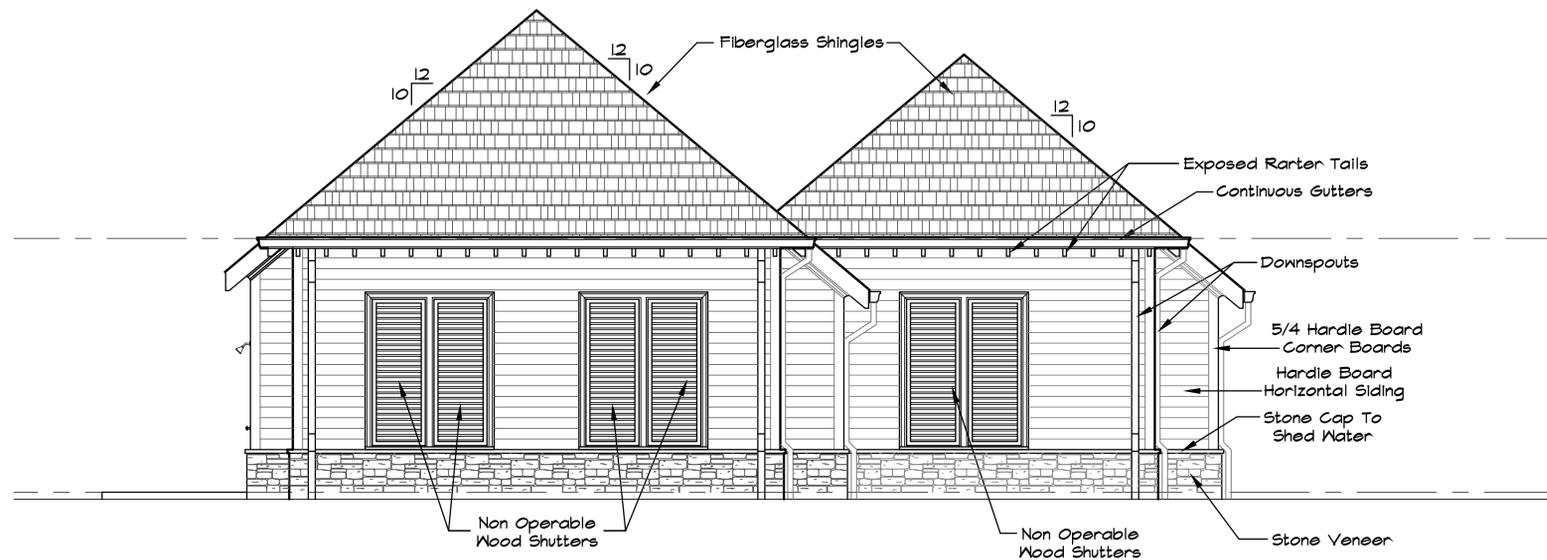
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Revisions	
1	04-04-2013 - P.L.
2	
3	
4	



FRONT ELEVATION

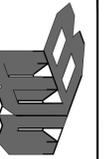
Scale: 1/4" = 1'-0"



RIGHT ELEVATION

Scale: 1/4" = 1'-0"

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 E-mail: mitchellbarnett@bellsouth.net
 Web Site: mitchellbarnettarchitect.net



Summerlyn Amenity Center For
THE JONES COMPANY
 Mt. Juliet, Tennessee

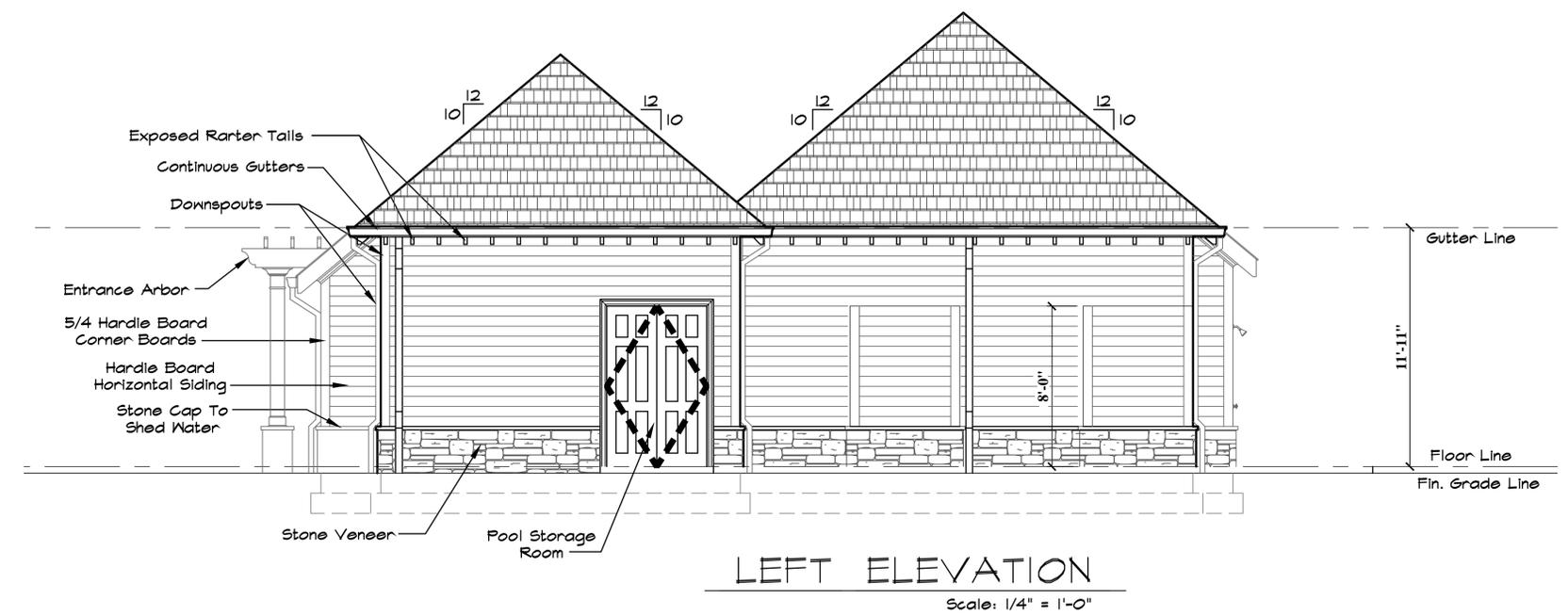
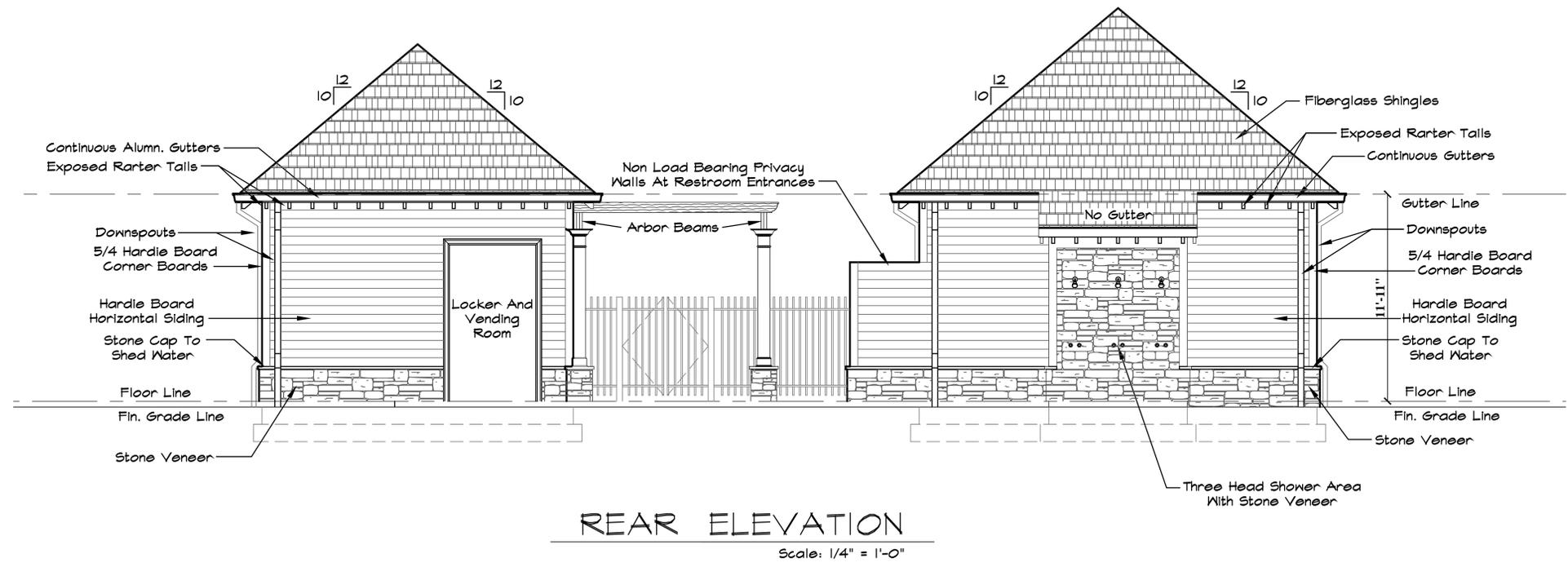
Drawn By : Phillip Lytle
 Checked By: x
 Start Date : June 10, 2012
 File: Kelsey Glen
 Sheet Number

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 Of

ISSUE DATE: March 20, 2013

MITCHELL BARNETT ARCHITECT, P.C.

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