### **EROSION CONTROL & GRADING NOTES**

1) EXPOSE AS SMALL AN AREA OF SOIL AS POSSIBLE ON THE SITE FOR NO MORE THAN 15 DAYS. KEEP DUST WITHING TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS.

2) ALL CUT/FILL AREAS TO HAVE A MINIMUM OF 6" OF TOPSOIL COVER. AREAS DRESSED WITH TOPSOIL SHALL RECEIVE 12POUNDS PER 1000 SQUARE FEET OF 6-12-12 FERTILIZER (UNLESS OTHER WISE SPECIFIED IN WRITTEN SPECIFICATIONS), 5 POUNDS OR MORE OF KENTUCKY 31 FESCUE SEED PER 1000 SQUARE FEET, AND A STRAW MULCH COVER OF 70%-80% COVERAGE (APPROXIMATELY 125 POUNDS PER 1000 SQUARE FEET), UNLESS OTHERWISE NOTED WITHIN WRITTEN SPECIFICATIONS.

3) EROSION CONTROL BARRIER IS CALLED OUT ON PLANS AND IS TO COMPLY WITH THE METROPOLITAN STORMWATER MANAGEMENT MANUAL. VOLUME FOUR. SECTION TCP-14.

4) DISTURBED AREAS ARE TO BE GRADED TO DRAIN AS INDICATED IN THE PLAN TO SEDIMENT BARRIERS DURING AND UPON THE COMPLETION OF CONSTRUCTION.

5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION AND THE LOCATION OF ANY EXISTING UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID DAMAGE TO ALL EXISTING UTILITIES DURING CONSTRUCTION. IF DAMAGE DOES OCCUR TO ANY SUCH INSTALLLATION, FULL REPAIR WILL BE ACCOMPLISHED AS PER THE CURRENT SPECIFICATION GOVERNING SUCH WORK.

6) ANY ACCESS ROUTES TO THE SITE SHALL BE BASED WITH CRUSHED STONE, ASTM #1 STONE, 100 FEET LONG AND AT LEAST 6" THICK.

7) THE PLACING AND SPREADING OF ANY FILL MATERIAL IS TO BE STARTED AT THE LOWEST POINT AND BROUGHT UP IN HORIZONTAL LAYERS OF 8" THICKNESS (OR AS DIRECTED BY THE SOILS INVESTIGATIVE REPORT). SAID FILL MATERIAL IS TO BE FREE OF SOD, ROOTS, FROZEN SOILS, OR ANY OTHER DECOMPOSABLE MATERIAL. SAID FILL IS TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR, OR AS OTHERWISE SPECIFIED BY THE SOILS REPORT OR WRITTEN SPECIFICATIONS.

8) THE CONTRACTOR SHALL NOTIFY THE METRO DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS CONSTRUCTION COMPLIANCE DIVISION, THREE DAYS PRIOR TO BEGINNING THE WORK.

9) THE CONTRACTOR SHALL LOCATE AND STAKE THE LAYOUT OF THE SITE IN THE FIELD FOR INSEPCTION BY THE ENGINEER. THE CONTRACTOR SHALL CHECK THE GRADES AND FINAL DIMENSIONS ON THE GROUND, AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY FOR A DECISION.

10) SURPLUS EXCAVATION OF TOPSOIL SHALL BE PLACED ON THE SITE AS APPROVED BY THE OWNER FOR THE PURPOSE OF FUTURE LANDSCAPE USE.

11) THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TEMPORARY WORKS FOR THE PROTECTION OF THE PUBLIC AND EMPLOYEES, INCLUDING WARNING SIGNS AND LIGHTS.

12) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE PREMISES OR ADJACENT PREMISES OR INJURIES TO THE PUBLIC DURING THE CONTRUCTION CAUSED BY HIMSELF, HIS SUB-CONTRACTORS, OR THE CARELESSNESS OF ANY OF HIS EMPLOYEES.

13) ALL WORK IS TO BE COMPLETED WITH COMPLIANCE TO THE RULES AND REGULATIONS SET FORTH BY METRO WATER SERVICES. THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICE, OBTAIN ALL PERMITS, AND PAY FEES REQUIRED FOR THE COMPLETION OF HIS PORTION OF THE WORK. HE SHALL ALSO COMPLY WITH ALL CITY, COUNTY AND STATE LAWS AND ORDINANCE OR REGULATIONS RELATING TO PORTIONS OF WORK WHICH HE IS TO PERFORM.

14) ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL SITE IS STABILIZED & CONSTRUCTION IS COMPLETE.

15) CONTRACTOR SHALL PROVIDE AN AREA FOR CONCRETE WASH DOWN AND EQUIPMENT FUELING IN ACCORDANCE WITH METRO CP-10 & CP-13. LOCATION TO BE COORDINATED WITH THE NPDES DEPARTMENT DURING THE PRE-CONSTRUCTION MEETING.

### PUBLIC WORKS NOTES

1) ALL WORK WITHIN THE PUBLIC RIGHT OF WAY REQUIRES AN EXCAVATION PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS.

2) PROOF-ROLLING OF ALL STREET SUBGRADES IS REQUIRED IN THE PRESENCE OF THE PUBLIC WORKS INSPECTOR. INSPECTION OF THE BINDER COURSE IS REQUIRED PRIOR TO FINAL PAVING IN THE PRESENCE OF THE PUBLIC WORKS INSPECTOR. THESE REQUESTS ARE TO BE MADE 24 HOURS IN ADVANCE.

3) STOP SIGNS ARE TO BE 30 INCH BY 30 INCH.

4) STREET SIGNS TO HAVE SIX INCH WHITE LETTERS ON A NINE INCH GREEN ALUMINUM BLADE, HIGH INTENSITY REFLECTIVE.

## 5) ALL PAVEMENT MARKING ARE TO BE THERMOPLASTIC.

SIGN FOR PRIVATE DEVELOPMENT APPROVED.

WATER & SEWER NOTES

THE COST OF INSPECTION.

1) ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS AND STANDARD DETAILS OF THE METRO WATER SERVICES.

2) THE CONTRACTOR IS RESPONSIBLE FOR REIMBURSING THE METRO WATER SERVICES

3) THE CONTRACTOR IS TO PROVIDE AND MAINTAIN THE CONSTRUCTION IDENTIFICATION

4) ALL CONNECTIONS TO EXISTING MANHOLES SHALL BE BY CORING AND RESILIENT CONNECTOR METHOD.

5) REDUCED PRESSURE BACKFLOW PREVENTION DEVICES (RPBP) OR DUAL CHECK VALVE WILL BE REQUIRED ON ALL TEST AND FILL LINES (JUMPER) NEEDED FOR WATER MAIN CONSTRUCTION AND MUST BE APPROVED BY THE METRO WATER SERVICES.

6) ALL WATER METERS SHALL BE A MINIMUM OF 24" NOT TO EXCEED A MAXIMUM OF 28" BELOW FINISHED GRADE.

7) PRESSURE REGULATING DEVICES WILL BE REQUIRED ON THE CUSTOMER SIDE OF THE METER WHEN PRESSURES EXCEED 100 PSI.

8) PRESSURE REGULATING DEVICES WILL BE REQUIRED ON THE STREET SIDE OF THE METER WHEN PRESSURES EXCEED 150 PSI.

#### LANDSCAPE NOTES

HARDWOOD BARK MULCH.

1) THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY AND SHALL BE RESPONSIBLE FOR AND DAMAGE TOUTILITIES. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITES AND TAKE PRECAUTIONS TO PREVENT DAMAGE TO THE UTILITIES.

2) ALL PLANTING AND MULCH BEDS SHALL BE SPRAYED WITH ROUND-UP (CONTRACTOR'S OPTION) PRIOR TO THE INSTALLATION OF MULCH.

3) PLANT MATERIALS AND STUMPS INDICATED FOR REMOVAL SHALL BE REMOVED AND DISPOSED OFF-SITE BY THE CONTRACTOR. BACKFILL HOLES WITH TOPSOIL FREE OF ROOTS AND ROCKS.

4) THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINE GRADING OF ALL PLANTING AREAS.

5) ALL PLANTING AREAS SHALL BE FERTILIZED WITH 12#/1000 S.F. OF 10-10-10 FERTILIZER.

6) ALL PLANTING BEDS SHALL HAVE A MINIMUM OF 3" DEPTH OF SHREDDED

7) THE LANDSCAPE CONTRACTOR SHALL VERIFY ALL MATERIAL QUANTITIES. IN THE EVENT OF A DISCREPANCY, THE QUANTITIES SHOWN ON THE PLAN WILL TAKE PRECEDENCE.

8) THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE OWNER WITH WRITTEN INSTRUCTIONS ON THE PROPER CARE OF ALL SPECIFIED PLANT MATERIALS PRIOR TO FINAL PAYMENT.

9) EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE. SELECTIVELY PRUNE DEAD WOOD.

10) ALL DISTURBED AREAS SHALL BE PLANTED WITH TURF AS INDICATED ON THE MATERIALS SCHEDULE.

11) ALL DECIDUOUS TREES, EXISTING AND PROPOSED SHALL BE PRUNED TO PROVIDE 4' MINIMUM CLEAR TRUNK UNLESS OTHERWISE NOTED.

12) THE LANDSCAPE CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON ALL PLANT MATERIALS AND REPLACE ANY DEAD OR DYING MATERIAL WITHIN THAT TIME PERIOD.

13) NO PLANT MATERIALS SHOULD BE SUBSTITUTED WITHOUT AUTHORIZATION BY DALE & ASSOCIATES. PLANT SIZES SHOWN ARE MINIMUMS REQUIRED BY THE LOCAL MUNICIPALITY AND MATERIALS SHOWN HAVE BEEN SELECTED SPECIFICALLY FOR THIS PROJECT.

14) ALL WIRE BASKETS SHALL BE COMPLETELY REMOVED AND DISPOSED OF, BURLAP SHOULD BE REMOVED OR PUNCTURED IN AT LEAST 5 PLACES. REMOVE ALL TWINE FROM BURLAPPED MATERIALS.

15) GUYING IS NOT ALLOWED UNLESS REQUIRED BY MUNICIPALITY OR SITE CONDITIONS. THE LANDSCAPE CONTRACTOR SHALL REMOVE WIRES AFTER A

16) NO CANOPY TREE SHALL BE LOCATED WITHIN 15' OF AN OVERHEAD UTILITY. NO TREE SHALL BE LOCATED WITHIN A PUBLIC UTILITY EASEMENT. LOCATING PLANT MATERIALS WITHIN A DRAINAGE EASEMENT IS ACCEPTABLE. BUT ONLY IF INSTALLED AS NOT TO DISTURB EXISTING DRAINAGE FLOW. IN SUCH INSTANCES, THE MATERIALS SHALL BE LOCATED NO CLOSER THAN 5' FROM THE CENTERLINE OF DRAINAGE.

17) LIGHTING PLAN TO BE COORDINATED WITH PROPOSED PLANTING PLAN. NO LIGHT POLES TO BE LOCATED IN TREE ISLANDS. SEE LIGHTING PLAN FOR PROPOSED LIGHT LOCATIONS.

## STANDARD SP NOTES

1) THE PURPOSE OF THIS SP IS TO RECEIVE PRELIMINARY APPROVAL TO PERMIT THE DEVELOPMENT OF A 17 UNIT RESIDENTIAL DEVELOPMENT AS SHOWN.

2) ANY EXCAVATION, FILL OR DISTURBANCE OF THE EXISTING GROUND ELEVATION MUST BE DONE IN ACCORDANCE WITH STORM WATER MANAGEMENT ORDINANCE NO. 78-840 & APPROVED BY THE METROPOLITAN DEPARTMENT OF WATER SERVICES.

3)THIS PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA AS IDENTIFIED BY FEMA ON MAP 47037C0214F DATED APRIL 20, 2001.

4) ALL PUBLIC SIDEWALKS ARE TO BE CONSTRUCTED IN CONFORMANCE WITH METRO PUBLIC WORKS SIDEWALK DESIGN STANDARDS.

5) WHEEL CHAIR ACCESSIBLE CURB RAMPS, COMPLYING WITH APPLICABLE METRO PUBLIC WORKS STANDARDS, SHALL BE CONSTRUCTED AT STREET CROSSINGS.

6) THE REQUIRED FIRE FLOW SHALL BE DETERMINED BY THE METROPOLITAN FIRE MARSHAL'S OFFICE, PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.

7) SIZE DRIVEWAY CULVERTS PER THE DESIGN CRITERIA SET FORTH BY THE METRO STORMWATER MANUAL (MINIMUM DRIVEWAY CULVERT IN METRO RIGHT OF WAY IS

8) METRO WATER SERVICES SHALL BE PROVIDED SUFFICIENT & UNENCUMBERED INGRESS & EGRESS AT ALL TIMES IN ORDER TO MAINTAIN, REPAIR, REPLACE & INSPECT ANY STORMWATER FACILITIES WITHIN THE PROPERTY.

9) INDIVIDUAL WATER AND/OR SANITARY SEWER SERVICE LINES ARE REQUIRED FOR

10) SOLID WASTE PICKUP TO BE PROVIDED BY DUMPSTERS AS SHOWN ON PLAN.

11) MINOR MODIFICATIONS TO THE PRELIMINARY SP PLAN MAY BE APPROVED BY THE PLANNING COMMISSION OR ITS DESIGNEE BASED UPON FINAL ARCHITECTURAL ENGINEERING OR SITE DESIGN AND ACTUAL SITE CONDITIONS. ALL MODIFICATIONS SHALL BE CONSISTENT WITH THE PRINCIPLES AND FURTHER THE OBJECTIVES OF THE APPROVED PLAN. MODIFICATIONS SHALL NOT BE PERMITTED, EXCEPT THROUGH AN ORDINANCE APPROVED BY METRO COUNCIL THAT INCREASE THE PERMITTED DENSITY OR FLOOR AREA, ADD USES NOT OTHERWISE PERMITTED, ELIMINATE SPECIFIC CONDITIONS OR REQUIREMENTS CONTAINED IN THE PLAN AS ADOPTED THROUGH THIS ENACTING ORDINANCE, OR ADD VEHICULAR ACCESS POINTS NOT CURRENTLY PRESENT OR APPROVED.

12) FOR ANY DEVELOPMENT STANDARDS, REGULATIONS AND REQUIREMENTS NOT SPECFICIALLY SHOWN ON THE SP PLAN AND/OR INCLUDED AS A CONDITION OF COMMISSION OR COUNCIL APPROVAL, THE PROPERTY SHALL BE SUBJECT TO THE STANDARDS, REGULATIONS AND REQUIREMENTS OF THE RM20-A ZONING DISTRICT AS OF THE DATE OF THE APPLICABLE REQUEST OR APPLICATION.

13) RAISED FOUNDATIONS OF 18"-36" ARE REQUIRED FOR RESIDENTIAL BUILDINGS.

14) DRAWING IS FOR ILLUSTRATION PURPOSES TO INDICATE THE BASIC PREMISE OF THE DEVELOPMENT, AS IT PERTAINS TO STORMWATER APPROVAL/COMMENTS ONLY. THE FINAL LOT COUNT AND DETAILS OF THE PLAN SHALL BE GOVERNED BY THE APPROPRIATE STORMWATER REGULATIONS AT THE TIME OF FINAL APPLICATION.

### GENERAL PLAN CONSISTENCY NOTE

THE SPECIFIC PLAN DISTRICT PROPOSED HEREIN IS LOCATED WITHIN SUBAREA #8 THE NORTH NASHVILLE COMMUNITY PLAN. THE SPECIFIED LAND USE POLICY FOR THIS SITE IS A TRANSECT 4 (T4) SUBURBAN NEIGHBORHOOD EVOLVING POLICY (OR T4 NE). THE PRIMARY GOALS OF THE T4 NE POLICY ARE TO CREATE AND ENHANCE SUBURBAN NEIGHBORHOODS WITH HIGHER DENSITY RESIDENTIAL DEVELOPMENT WHILE PROVIDING ADDITIONAL HOUSING OPTIONS AND MAINTAINING THE EXISTING CHARACTER OF THE SURROUNDING COMMUNITY. OPPORTUNITIES FOR IMPROVED PEDESTRIAN, BICYCLE AND VEHICULAR CONNECTIVITY ARE IMPORTANT AS WELL.

AS PROPOSED, THIS SPECIFIC PLAN DISTRICT ENHANCES THE STREETSCAPE AND IMPROVES PEDESTRIAN CONNECTIVITY ALONG BOTH DELAWARE AVENUE & 31ST AVENUES BYUTILIZING REAR LOADED RESIDENTIAL PRODUCTS WITH SHALLOW STREET SETBACKS. THIS SPECIFIC PLAN DISTRICT ALSO PROVIDES A HOUSING TYPE NOT READILY AVAILABLE IN THE IMMEDIATE AREA, WHICH IS ALSO A GOAL OF THE T4 SUBURBAN NEIGHBORHOOD EVOLVING POLICY BY PROVIDING A MIXTURE OF STACKED FLATS, TOWNHOMES AND SINGLE FAMILY DETACHED HOUSING TYPES. THE MAJORITY OF THE UNITS WILL BE SELF PARKED VIA TWO CAR GARAGES WITH AMPLE SURFACE PARKING FOR THE REMAINING UNITS AS WELL AS GUEST PARKING. FINALLY, THE PROPOSED SEVENTEEN UNITS FIT WITHIN THE PRESCRIBED DENSITY RANGE OF THE T4 SUBURBAN NEIGHBORHOOD EVOLVING POLICY.

### ARCHITECTUAL NOTES

BUILDING ELEVATIONS FOR ALL STREET FACADES SHALL BE PROVIDED WITH THE FINAL SITE PLAN. THE FOLLOWING STANDARDS SHALL BE MET:

A. BUILDING FACADES FRONTING A STREET SHALL PROVIDE A MINIMUM OF ONE PRINCIPAL ENTRANCE (DOORWAY) ON STREET FRONTAGE AND A MINIMUM OF (15) FIFTEEN PERCENT GLAZING.

B. WINDOWS SHALL BE VERTICALLY ORIENTED AT A RATIO OF 1-1/2:1 OR

C. EIFS, VINYL SIDING, AND UNTREATED WOOD SHALL BE PROHIBITED.

D. FINISHED FLOOR ELEVATIONS AT FRONT SETBACK SHALL BE ELEVATED A MINIMUM OF (18) INCHES TO A MAXIMUM OF (36) THIRTY-SIX INCHES; EXCEPTIONS MAY BE PROVIDED IN TOPOGRAPHICALLY CHALLENGED AREAS OR FOR ADA REQUIRED UNITS.

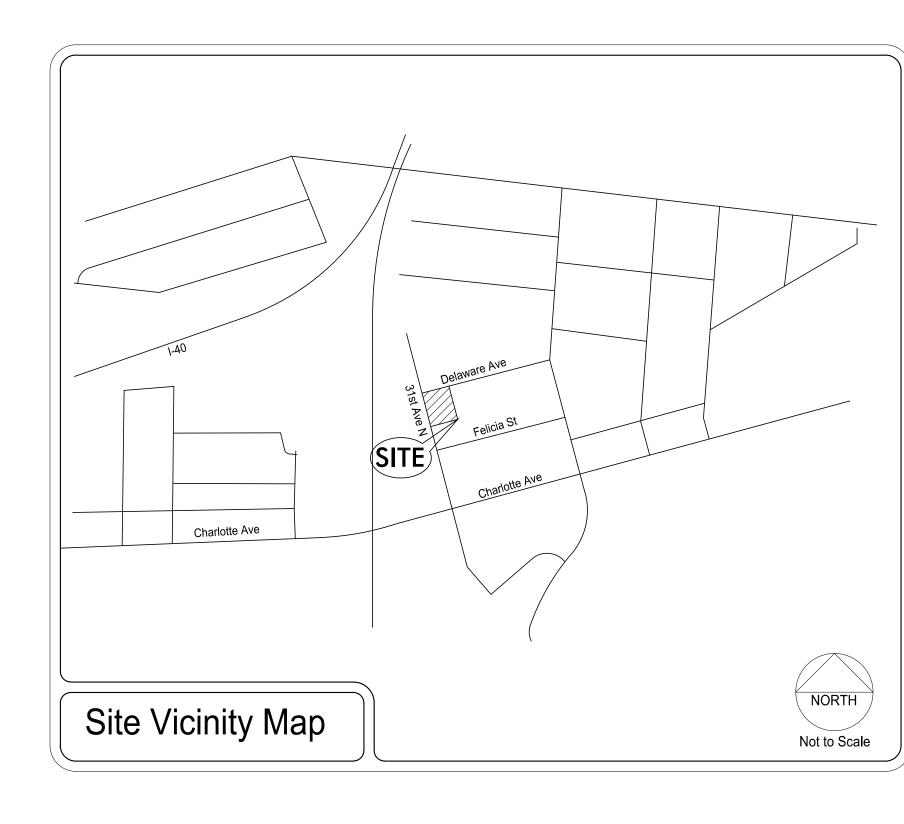
E. PORCHES (IF PROVIDED) SHALL PROVIDE A MINIMUM OF (6) SIX FEET IN

Sheet Schedule

2 C2.0 Existing Layout

2 C3.0 Utility & Stormwater

1 C1.0 Notes & Project Standards



USE	MULTIFAMILY (SINGLE FAMILY DWELLINGS)
PROPERTY ZONING RS5	SURROUNDING ZONING OL
MINIMUM LOT SIZE	NOT APPLICABLE
NUMBER OF RESIDENTIAL UNITS/DENSITY	17 TOTAL UNITS (25 UN/AC)
FAR	1.20 MAXIMUM
ISR	0.80 MAXIMUM
STREET YARD SETBACK:	5' FROM ROW (INCLUDING PORCHES) MEASURED FROM PROPOSED ROW ALONG DELAWARE
	5' FROM ROW (INCLUDING PORCHES) MEASURED FROM EXISTING ROW ALONG 31ST
SIDE YARD	20' FROM EXISTING ROW ALONG ALLEY 945
	5' FROM EAST PROPERTY LINE
HEIGHT STANDARDS	THE MAXIMUM HEIGHT PERMITED FOR BUILDING A SHAL BE FOUR STORIES WITHIN SIXTY-FIVE FEET MEASURED FROM GRADE TO ROOFLINE; THE MAXIMUM HEIGHT PERMITTED FOR BUILDINGS B THROUGH E SHALL BE THREE STORIES WITHIN FORTY-FIVE FEET MEASURED FROM BUILDING GRADE TO ROOFLINE
PARKING AND ACCESS	
RAMP LOCATION AND NUMBER	UNIT ACCESS VIA ALLEY 945
DISTANCE TO NEAREST EXISTING RAMP (MINIMUM 30')	±75' EAST TO DRIVEWAY ALONG ALLEY
DISTANCE TO INTERSECTION	+/- 55 WEST TO 31ST
REQUIRED PARKING	25.5 REQ'D (RESIDENTIAL UZO 1.5 STALLS/UNIT @ 17 UNIT
PARKING PROPOSED	22 GARAGE STALLS + 9 ONSITE = 31 PROVIDED
*NOTE: SPECIFIC ENCROACHMENTS PERMITTED BY SP: (NOT TO ENCROACH INTO RIGHT OF WAY)	2 FT - BAY WINDOWS 6 FT - STOOPS & BALCONIES

### Property Information 508 31st Ave. North and

3005 Delaware Ave. Nashville, Tennessee 37219 0.69 Total Acres Council District 21

Owners of Record

First Cousins Properties, LLC 618 Church Street, Suite 200 Nashville, TN 37219

Notes & Project Standards

Tony Harris The Del Partners 1616 Westgate Circle STE 215 Brentwood, Tennessee 37027 615.467.6330

Developer

Civil Engineer Dale & Associates 516 Heather Place Nashville, Tennessee 37204 Contact: Michael Garrigan, PE Phone: 615.297.5166, X. 116 Email: michael@daleandassociates.net

2015S-147-001

516 Heather Place (615) 297-5166

**REVISIONS:** 

Preparation Date: Sept. 2015

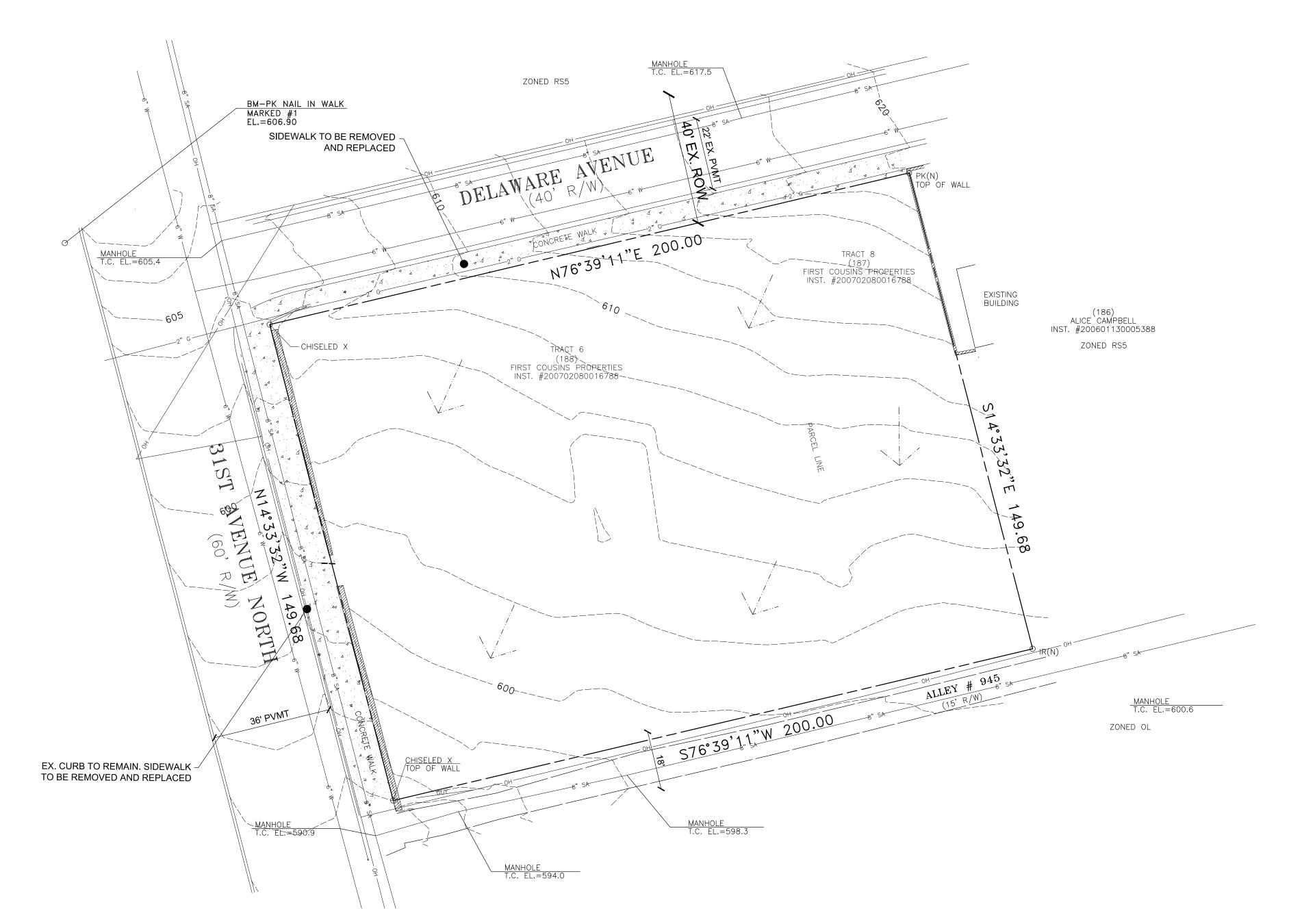
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**MPC Case Number D&A Project #15188** The Del

Nashville, Tennessee 37204

Sheet 1 of 3



#### SPECIFIC PLAN DEVELOPMENT SUMMARY MULTIFAMILY (SINGLE FAMILY DWELLINGS) PROPERTY ZONING RS5 SURROUNDING ZONING OL NOT APPLICABLE MINIMUM LOT SIZE NUMBER OF RESIDENTIAL UNITS/DENSITY 17 TOTAL UNITS (25 UN/AC) 1.20 MAXIMUM 0.80 MAXIMUM STREET YARD SETBACK: 5' FROM ROW (INCLUDING PORCHES) MEASURED FROM PROPOSED ROW ALONG DELAWARE 5' FROM ROW (INCLUDING PORCHES) MEASURED FROM EXISTING ROW ALONG 31ST SIDE YARD 20' FROM EXISTING ROW ALONG ALLEY 945 5' FROM EAST PROPERTY LINE **HEIGHT STANDARDS** THE MAXIMUM HEIGHT PERMITED FOR BUILDING A SHALL BE FOUR STORIES WITHIN SIXTY-FIVE FEET MEASURED FROM GRADE TO ROOFLINE; THE MAXIMUM HEIGHT PERMITTED FOR BUILDINGS B THROUGH E SHALL BE THREE STORIES WITHIN FORTY-FIVE FEET MEASURED FROM BUILDING GRADE TO ROOFLINE PARKING AND ACCESS RAMP LOCATION AND NUMBER UNIT ACCESS VIA ALLEY 945 DISTANCE TO NEAREST EXISTING RAMP (MINIMUM 30') ±75' EAST TO DRIVEWAY ALONG ALLEY DISTANCE TO INTERSECTION +/- 55 WEST TO 31ST REQUIRED PARKING 25.5 REQ'D (RESIDENTIAL UZO 1.5 STALLS/UNIT @ 17 UNITS) PARKING PROPOSED 22 GARAGE STALLS + 9 ONSITE = 31 PROVIDED \*NOTE: SPECIFIC ENCROACHMENTS PERMITTED BY SP: (NOT TO ENCROACH INTO RIGHT OF WAY) 2 FT - BAY WINDOWS 6 FT - STOOPS & BALCONIES

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B. WINDOWS SHALL BE VERTICALLY ORIENTED AT A RATIO OF 1-1/2:1 OR GREATER.

C. EIFS, VINYL SIDING, AND UNTREATED WOOD SHALL BE PROHIBITED.

D. FINISHED FLOOR ELEVATIONS AT FRONT SETBACK SHALL BE ELEVATED A MINIMUM OF (18) INCHES TO A MAXIMUM OF (36) THIRTY-SIX INCHES; EXCEPTIONS MAY BE PROVIDED IN TOPOGRAPHICALLY CHALLENGED AREAS OR FOR ADA REQUIRED UNITS.

E. PORCHES (IF PROVIDED) SHALL PROVIDE A MINIMUM OF (6) SIX FEET IN

## **Property Information**

508 31st Ave. North and 3005 Delaware Ave. Nashville, Tennessee 37219 0.69 Total Acres Council District 21

### Owners of Record

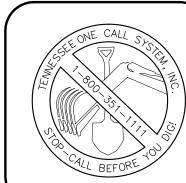
First Cousins Properties, LLC 618 Church Street, Suite 200 Nashville, TN 37219

## Developer

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## Civil Engineer

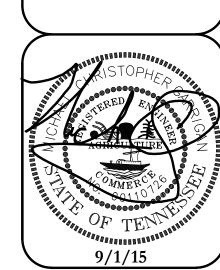
Dale & Associates 516 Heather Place Nashville, Tennessee 37204 Contact: Michael Garrigan, PE Phone: 615.297.5166, X. 116 Email: michael@daleandassociates.net

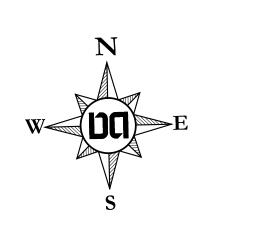


**REVISIONS:** 

Preparation Date: Sept. 2015

Plan Specif reliminary





TOTAL EXISTING AREA = 0.69 ACRES ±  $= 30,056.4 \text{ S.F.} \pm$ 



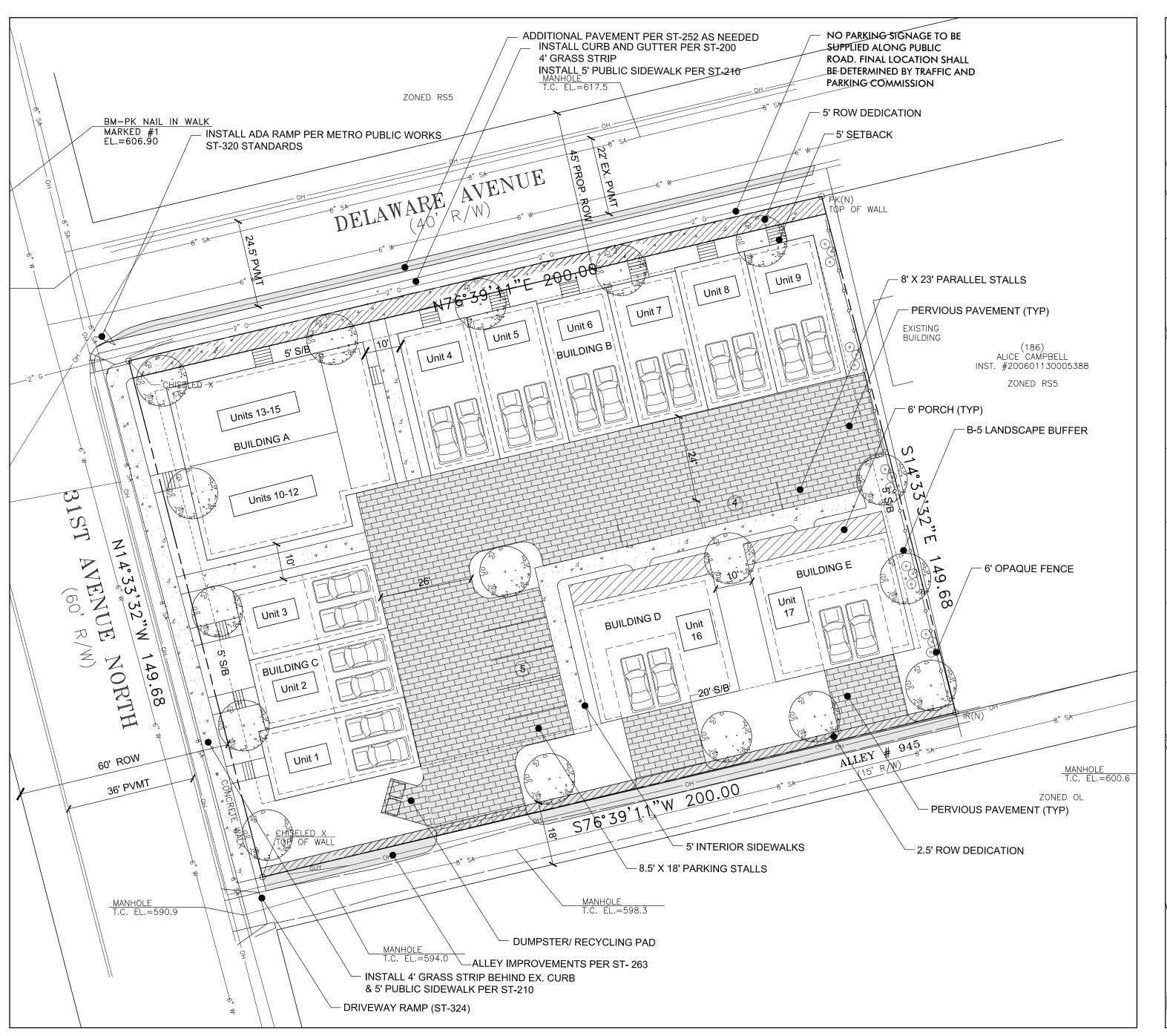
Existing Conditions (1"=20')

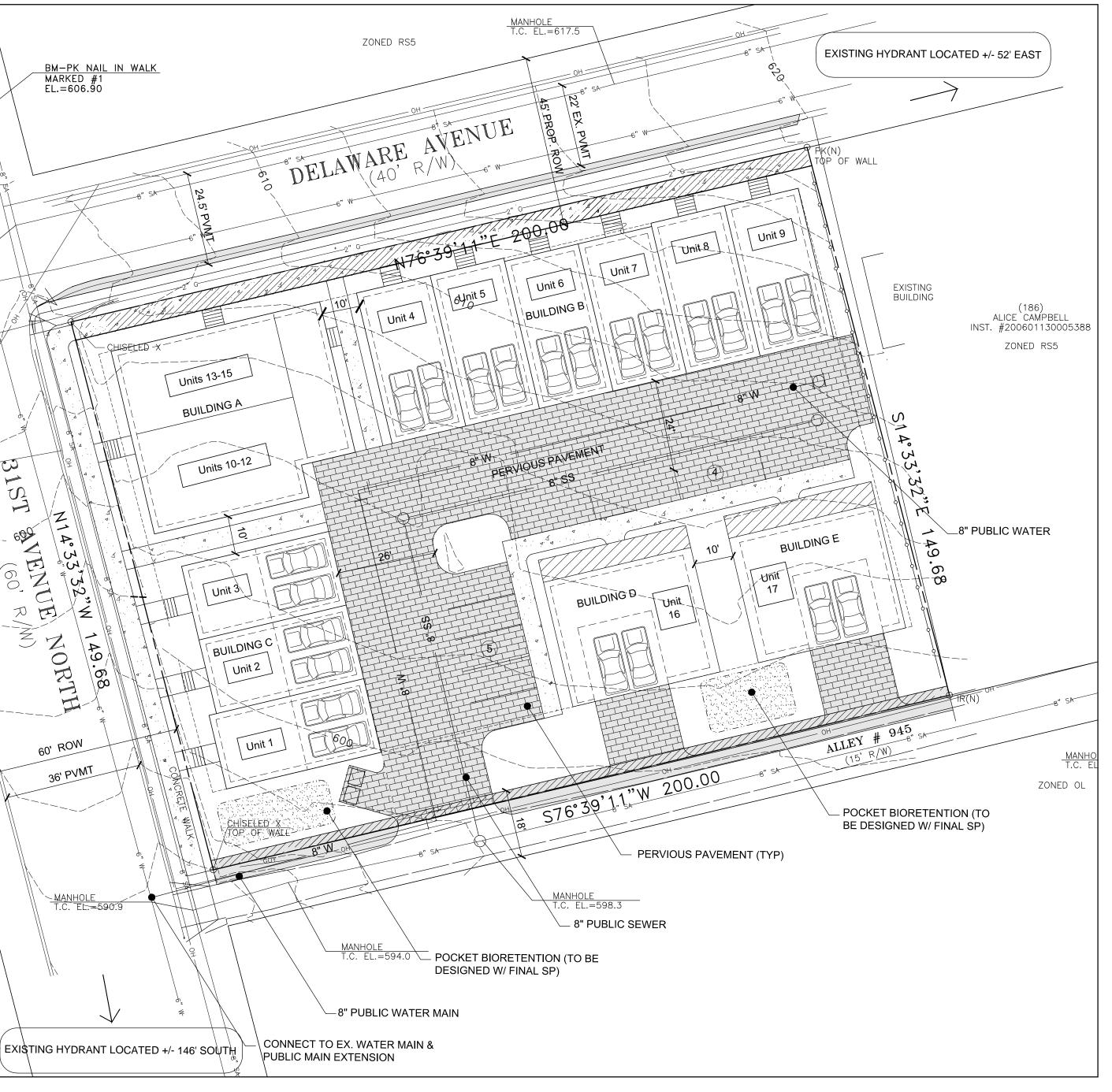
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**D&A Project #15188** The Del

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Preparation Date: Sept. 2015 Spe

**REVISIONS:** 

Proposed Layout (1"=20")

Proposed Utility & Grading Plan (1"=20')

# WATER QUALITY CALCULATIONS

PRELIMINARY CALCULATIONS SHOW THAT THIS PROJECT WILL REQUIRE APPROXIMATELY 1180 CF OF WQv STORAGE IN THE PROPOSED RAIN GARDEN/INFILTRATION BASIN (80% TSS BMP). PRELIMINARY DESIGN PROPOSES POCKET RAIN GARDEN INFILTRATION TRENCHES CONNECTEDBY UNDERDRAIN TO PROVIDE OVERALL VOLUME.

IF DEEMED NECESSARY, A GEOTECHNICAL STUDY WILL BE COMPLETED TO ENSURE THE INFILTRATION RATE IS 0.5 IN/HR OR GREATER PRIOR TO FINAL SP SUBMITTAL

# PRE/POST CALCULATIONS

TOTAL SITE AREA = 0.69 ACRES PRE-DEVELOPED IMPERVIOUS= 0.00 AC @ 98 PRE-DEVELOPED GRASS= 0.69 AC @ 79 COMPOSITE CN= 79

POST-DEVELOPMENT

TOTAL SITE AREA = 0.69 ACRES POST-DEVELOPED IMPERVIOUS= 0.31 AC @ 98 POST-DEVELOPED GRASS= 0.38 @ 79

COMPOSITE CN= 87.5 PRELIMINARY CALCULATIONS ABOVE SHOWS THAT THIS PROJECT WILL INCREASE THE AMOUNT OF RUNOFF GENERATED BY THIS SITE . ONSITE MITIGATION SHALL BE PROVIDED THROUGH THE PROPOSED RAIN GARDENS TO ENSURE NO ADVERSE IMPACTS.

# STORMWATER NOTES

1) THE SOIL TYPES FOR THIS SITE ARE MIMOSA-URBAN LAND COMPLEX, 5 TO 25 PERCENT SLOPES WHICH FALLS WITHIN THE "C" HYDROLOGICAL SOIL GROUP.

2) THIS SITE IS RESPONSIBLE FOR WATER QUALITY AND WATER QUANTITY. TO PROVIDE THE FULL WATER QUALITY TREATMENT OF 80% TSS REMOVAL, A WATER QUANTITY/QUALITY BMP IS PROPOSED. DESIGN OF THIS FEATURE WILL BE PROVIDED DURING THE FINAL SP PROCESS.

3) STORM SEWER SYSTEM ON THIS PLAN IS SHOWN SCHEMATICALLY. FINAL DESIGN WILL BE PROVIDED DURING THE FINAL SP PROCESS AND WILL MEET THE REQUIREMENTS OF THE STORMWATER MANAGEMENT MANUAL.

# **UTILITY NOTES**

1) WATER AND SEWER SERVICE TO BE PROVIDED BY METRO WATER SERVICES.

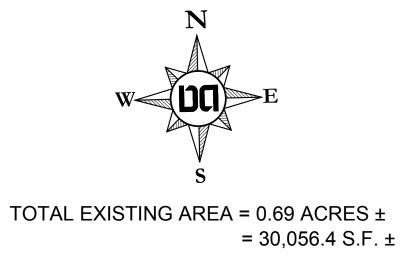
2) WATER AND SEWER SERVICES ARE SCHEMATICALLY SHOWN. FINAL WATER AND SEWER SERVICE LOCATIONS WILL BE PROVIDED DURING FINAL SP PROCESS.

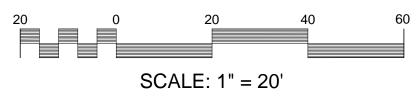
# TREE DENSITY NOTES

METRO TREE DENSITY REQUIREMENTS WILL BE ADDRESSED IN FINAL CONSTRUCTION DOCUMENTS. AT THE PRELIMINARY PHASE OF THIS PROJECT NO TREE INFORMATION IS AVAILABLE.

### TREE DENSITY UNITS:

 $0.69 \text{ AC} - 0.27 \text{ AC} = 0.42 \text{ AC} \times 14 = 5.9 \text{ TDU's REQ'D}$ 17 PROPOSED 2" CALIPER TREES = 8.5 TDU PROV. (NOTE: DOES NOT INCLUDE EX. TREES TO BE PRESERVED) \*TDU EXCEEDED





Proposed Specific Plan



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