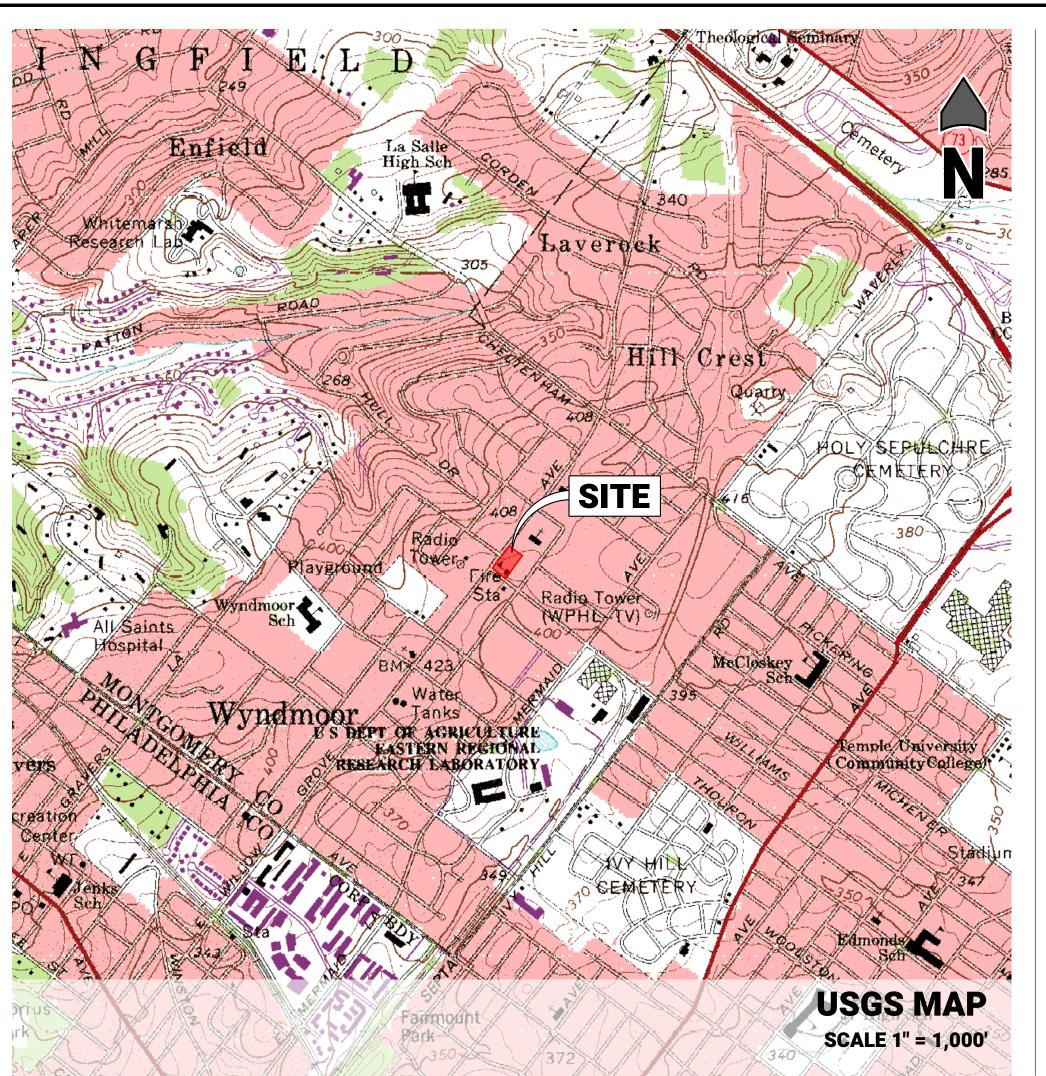


PRELIMINARY / FINAL LAND DEVELOPMENT PLAN FOR

PROPOSED RESIDENTIAL SITE REDEVELOPMENT

1110 WILLOW GROVE AVE SPRINGFIELD TOWNSHIP MONTGOMERY COUNTY, PA





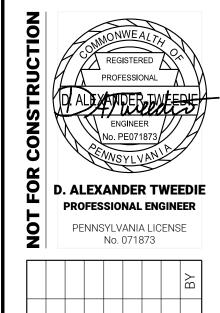
OWNER / APPLICANT

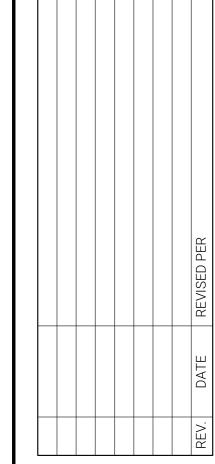
1110 WILLOW GROVE AVE, LLC

910 EAST WILLOW GROVE AVE WYNDMOOR, PENNSYLVANIA 19038

| | | SHEET INDEX |
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| UTILITIES PLAN | UP | 4 of 13 |
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| EROSION and SEDIMENT CONTROL DETAILS | DE | 13 of 13 |







OJECT No. 210084

E COVER

AWN BY B.NAGENGAST

ECKED BY D.A.TWEEDIE

ED RESIDENTIAL SITE REDEVELOPMENT

OW GROVE AVENUE

ELD TOWNSHIP, MONTGOMERY COUNTY

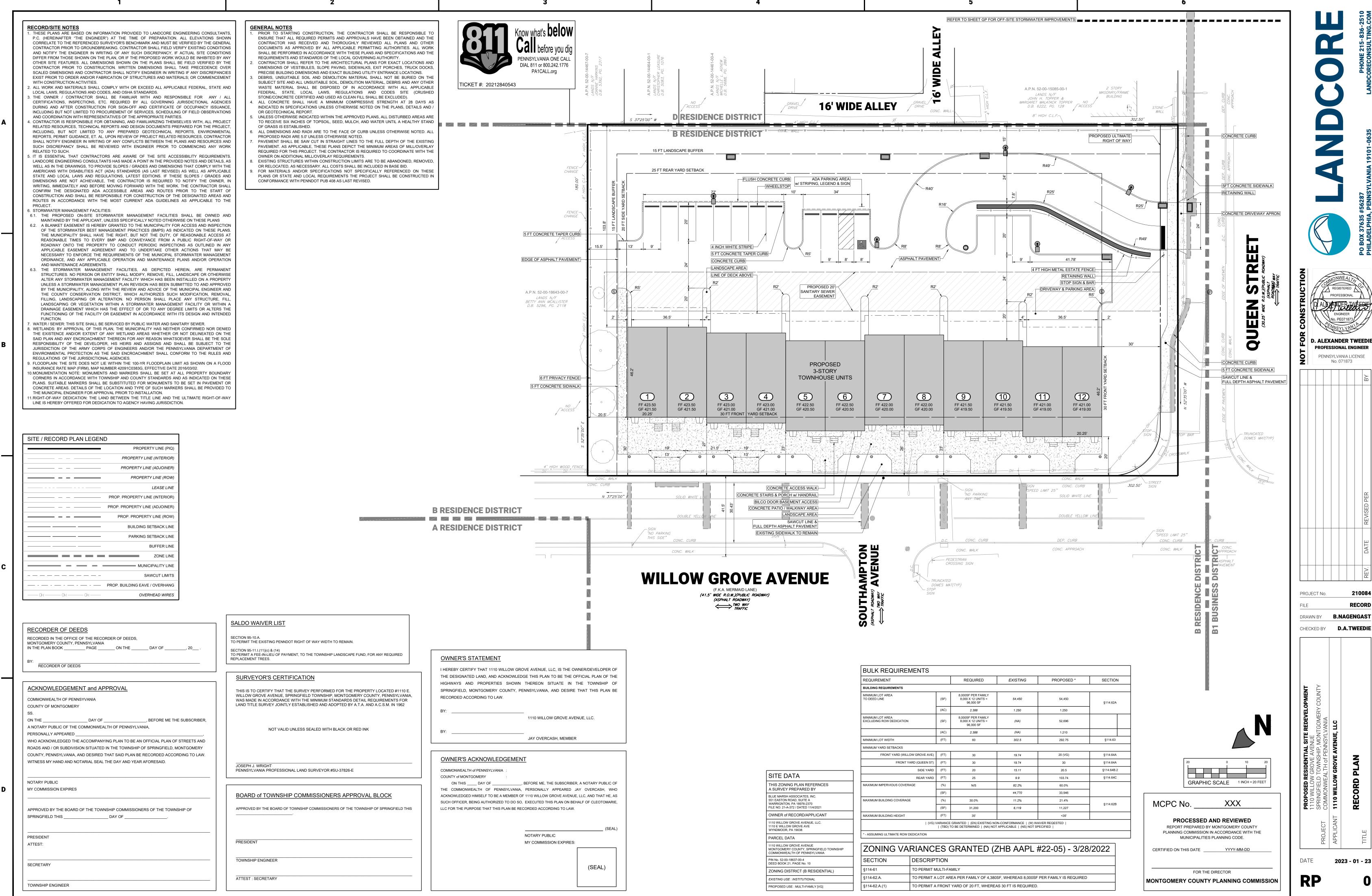
WEALTH OF PENNSYLVANIA

LOW GROVE AVENUE, LLC

1110 WILLOW GROVE
SPRINGFIELD TOWNS
OJECT COMMONWEALTH of
PLICANT 1110 WILLOW GROVI

2023 - 01 - 23

CL (



D. ALEXANDER TWEEDIE PENNSYLVANIA LICENSE **RECORD** DRAWN BY **B.NAGENGAST**



D. ALEXANDER TWEEDIE PENNSYLVANIA LICENSE No. 071873 PROJECT No. DRAWN BY **B.NAGENGAST**

SHEFT 3 OF 13 REV N

2023 - 01 - 23



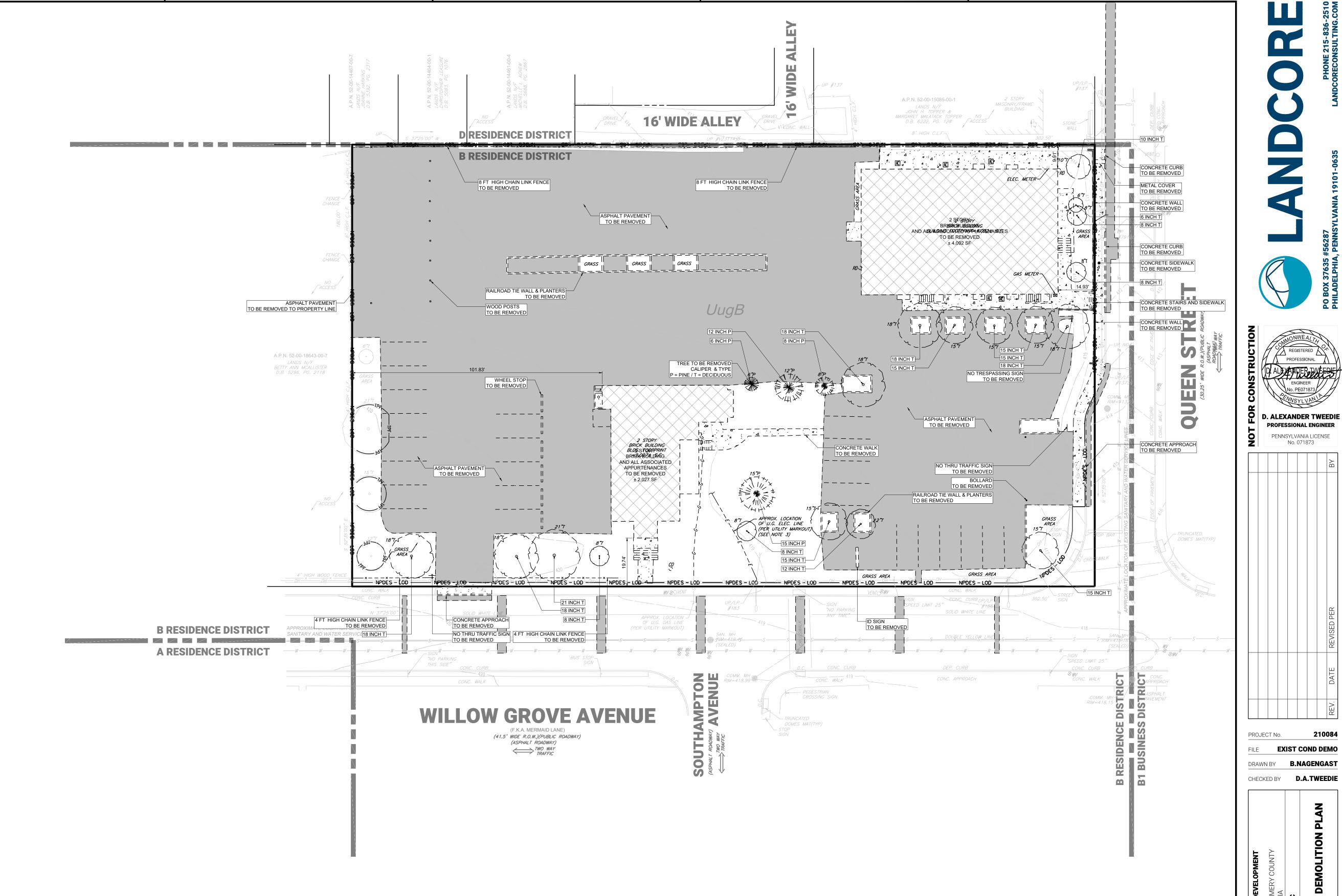
| LITION PLAN LEGEND | IONS / DEMO | CONDIT | EXISTING |
|--------------------------|-------------|--------|----------|
| ITEM TO BE REMOVED | | | |
| PROPERTY LINE (PIQ | | | |
| PROPERTY LINE (INTERIOR, | | | |
| PROPERTY LINE (ADJOINER, | | | |
| PROPERTY LINE (ROW) | | | |
| BUFFER LINE | | | |
| ZONE LINE | | | |
| MUNICIPALITY LINE | | | |
| ELECTRIC SERVICE | —Е—— | —Е— | —Е— |
| OVERHEAD WIRES | —— OH ——— | — ОН — | —— OH —— |
| SANITARY MAIN / LATERAL | —s—— | —s— | s |
| WATER MAIN / LATERAL | w | w | w |
| MAJOR CONTOUR | | | |
| | | | |

EXISTING CONDITIONS/DEMOLITION NOTES

NEITHER LANDCORE ENGINEERING CONSULTANTS, P.C. NOR THE OWNER IS RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. CONTRACTOR IS TO PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND SAFE MANNER, FOLLOWING ALL OSHA, STATE, AND MUNICIPAL REQUIREMENTS. TO ENSURE PUBLIC AND CONTRACTOR SAFETY.

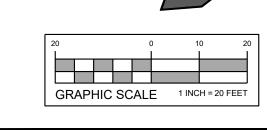
ALL DEMOLITION ACTIVITIES ARE TO BE PERFORMED IN ACCORDANCE WITH THESE PLANS

- AND SPECIFICATIONS AS WELL AS ALL FEDERAL STATE AND LOCAL REGULATIONS A DISCREPANCIES OR DEVIATIONS SHALL BE IDENTIFIED BY THE CONTRACTOR TO LANDCORE ENGINEERING CONSULTANTS, P.C. IN WRITING FOR RESOLUTION PRIOR TO INITIATION OF SITE ACTIVITY. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS / CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE ANY OTHER DIRECTION. ALL DEMOLITION MEANS AND METHODS ARE TO BE IN ACCORDANCE WITH ALL APPLICABLE
- FEDERAL, STATE, LOCAL AND JURISDICTIONAL REQUIREMENTS. PRIOR TO STARTING ANY DEMOLITION, CONTRACTOR IS RESPONSIBLE TO / FOR THE FOLLOWING:
- 4.1. ENSURING COPIES OF ALL APPLICABLE PERMITS AND APPROVALS ARE MAINTAINED ON SITE AND AVAILABLE FOR REVIEW. 4.2. INSTALLING THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE.
- 4.3. THE CONTRACTOR SHALL USE AND COMPLY WITH THE REQUIREMENTS OF THE NATIONAL UTILITY NOTIFICATION SYSTEM (811) TO LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF ANY WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
- 4.4. PROTECTING AND MAINTAINING IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING THE DEMOLITION ACTIVITIES. 4.5. FAMILIARIZING THEMSELVES WITH THE APPLICABLE UTILITY SERVICE PROVIDERS AND
- IS RESPONSIBLE FOR ALL COORDINATION REGARDING ANY TEMPORARY OR PERMANENT DISCONNECTION, REMOVAL AND/OR RELOCATION OF UTILITIES FOR ANY DEMOLITION REQUIRED FOR THE PROJECT. THE CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTION AND UTILITY COMPANY REQUIREMENTS. 4.6. COORDINATION WITH UTILITY COMPANIES REGARDING WORKING 'OFF-PEAK' HOURS OR
- ON WEEKENDS AS MAY BE REQUIRED TO MINIMIZE THE IMPACT OF THE AFFECTED PARTIES.
- 4.7. CONTACTING THE APPROPRIATE UTILITY OWNERS TO DISCONNECT EXISTING UTILITY SERVICES TO BUILDINGS/STRUCTURES SCHEDULED FOR DEMOLITION.
- 4.8. AN INSPECTION AND ASSESSMENT BY A LICENSED ENVIRONMENTAL TESTING AGENCY OF ANY HAZARDOUS MATERIALS WITHIN THE BUILDINGS AND / OR STRUCTURES REQUIRED TO BE ABATED OR REMOVED IN ACCORDANCE WITH FEDERAL, STATE, OR LOCAL LAWS PRIOR TO DEMOLITION. THE INSPECTION AND ASSESSMENT SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL ENVIRONMENTAL REGULATIONS. ALL ENVIRONMENTAL WORK INCLUDING REMEDIATION, ABATEMENT OR REMOVAL OF HAZARDOUS MATERIALS, SOILS, ASBESTOS, LEAD-BASED PAINT, OR ANY OTHER ENVIRONMENTAL WORK REQUIRED SHALL BE OVERSEEN BY A LICENSED ENVIRONMENTAL CONSULTANT AND PERFORMED
- BY LICENSED TRADES. THE CONTRACTOR SHALL PROVIDE ALL THE 'MEANS AND METHODS' NECESSARY TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF EXISTING STRUCTURES OR ANY OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF THE SITE. THE DEMOLITION CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS OF DAMAGE TO ALL ITEMS THAT ARE TO
- REMAIN AS A RESULT OF THEIR ACTIVITIES. ALL REPAIRS SHALL USE NEW MATERIAL. THE REPAIRS SHALL RESTORE THE ITEM TO THE PRE-DEMOLITION CONDITION. IN THE ABSENCE OF SPECIFICATIONS, THE CONTRACTOR SHALL PERFORM EARTH MOVEMENT ACTIVITIES, DEMOLITION AND REMOVAL OF ALL FOUNDATION WALLS, FOOTINGS, AND OTHER MATERIALS WITHIN THE LIMITS OF DISTURBANCE IN ACCORDANCE
- WITH DIRECTION BY THE OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER. EXPLOSIVES SHALL NOT BE USED WITHOUT PRIOR WRITTEN AUTHORIZATION OF BOTH THE OWNER AND APPLICABLE GOVERNMENTAL AUTHORITIES. ALL THE REQUIRED PERMITS AND EXPLOSIVE CONTROL MEASURES THAT ARE REQUIRED BY THE FEDERAL, STATE, AND LOCAL GOVERNMENTS SHALL BE IN PLACE PRIOR TO STARTING AN EXPLOSIVE PROGRAM. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL INSPECTION AND SEISMIC VIBRATION
- TESTING THAT IS REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE 'MANUAL ON UNIFORM TRAFFIC CONTROL' AS
- WELL AS FEDERAL, STATE, AND LOCAL REGULATIONS WHEN DEMOLITION RELATED ACTIVITIES IMPACT ROADWAYS OR ROADWAY RIGHTS OF WAY. CONTRACTOR SHALL CONDUCT DEMOLITION ACTIVITIES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND OTHER ADJACENT FACILITIES. STREET/SIDEWALK CLOSURE PERMITS MUST BE RECEIVED FROM
- THE APPROPRIATE GOVERNMENTAL AUTHORITY. DEMOLITION ACTIVITIES AND EQUIPMENT SHALL NOT USE AREAS OUTSIDE THE DEFINED PROPERTY LINE OR APPROVED LIMITS OF DISTURBANCE FOR THE PROJECT WITHOUT WRITTEN PERMISSION OF THE OWNER AND / OR APPROPRIATE GOVERNMENT AGENCY. CONTRACTOR SHALL UTILIZE APPROPRIATE DUST CONTROL MEASURES TO LIMIT AIRBORNE
- DUST AND DIRT RISING AND SCATTERING IN THE AIR IN ACCORDANCE WITH FEDERAL, STATE AND / OR LOCAL STANDARDS. AFTER THE DEMOLITION IS COMPLETE, ADJACENT STRUCTURES AND IMPROVEMENTS SHALL BE CLEANED OF ALL DUST AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR 'PRE-DEMOLITION' CONDITION.
- CONTRACTOR IS RESPONSIBLE TO SAFEGUARD AND SECURE THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS AT ANY TIME. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE (CRUSHED STONE/CONCRETE
- CERTIFIED AND USED AS CLEAN FILL SHALL BE EXCLUDED). ALL DEMOLITION WASTES AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL LAWS, REGULATIONS, AND CODES. I. ALL EXISTING UTILITIES SHALL BE REMOVED BY CONTRACTOR IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS.



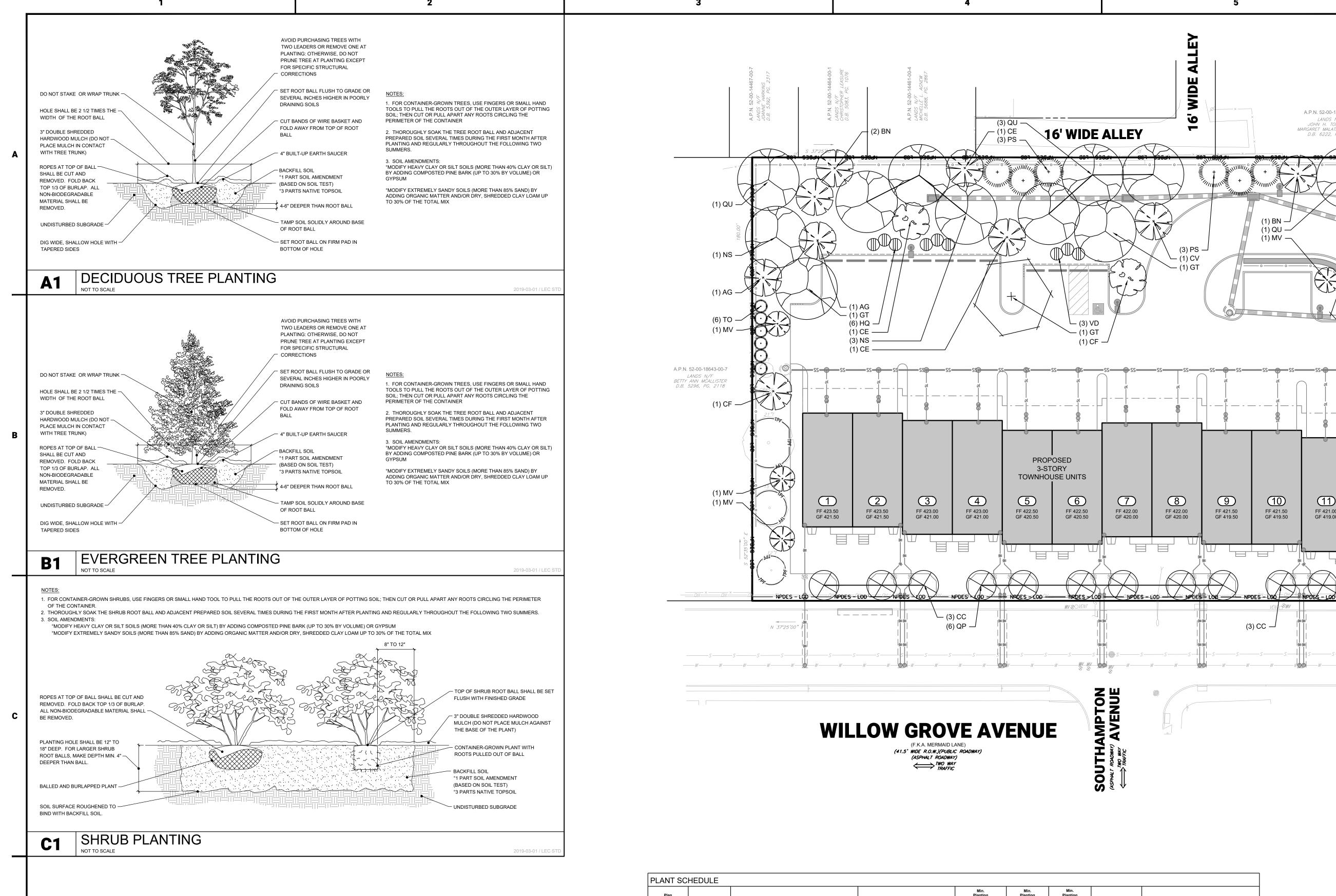






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210084



PROPOSED

3 EXISTING TREES 3 CANOPY TREES

9 CANOPY TREES

9 UNDERSTORY TREES 9 EVERGREEN TREES

3 CANOPY TREES

12 CANOPY TREES

STREET TREES & BUFFER TREES - SEE ABOVE

3 CANOPY TREES

2 UNDERSTORY TREES 9 SHRUBS

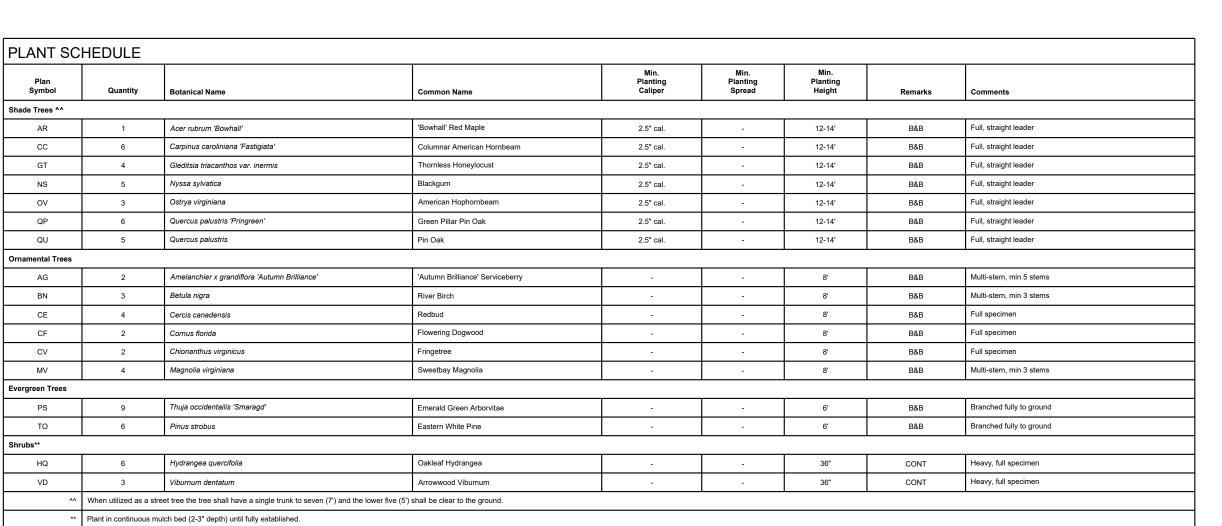
§ 95-11.I(1)(b)&(c)

§ 95-11.I(2)

§ 95-11.I(3)(a)

§ 95-11.I(3)(b)

| Plan Symbol | Quantity | Botanical Name | Common Name | Min. Planting Caliper | Min. Planting Spread | Min. Planting Height | Remarks | Comm |
|-----------------|-----------------------|--|--|-----------------------------|----------------------------|----------------------------|---------|------------|
| hade Trees ^^ | • | | · | | • | • | | |
| AR | 1 | Acer rubrum 'Bowhall' | 'Bowhall' Red Maple | 2.5" cal. | - | 12-14' | B&B | Full, str |
| СС | 6 | Carpinus caroliniana 'Fastigiata' | Columnar American Hornbeam | 2.5" cal. | - | 12-14' | B&B | Full, stra |
| GT | 4 | Gleditsia triacanthos var. inermis | Thornless Honeylocust | 2.5" cal. | - | 12-14' | B&B | Full, stra |
| NS | 5 | Nyssa sylvatica | Blackgum | 2.5" cal. | - | 12-14' | B&B | Full, stra |
| OV | 3 | Ostrya virginiana | American Hophornbeam | 2.5" cal. | - | 12-14' | B&B | Full, stra |
| QP | 6 | Quercus palustris 'Pringreen' | Green Pillar Pin Oak | 2.5" cal. | - | 12-14' | B&B | Full, stra |
| QU | 5 | Quercus palustris | Pin Oak | 2.5" cal. | - | 12-14' | B&B | Full, stra |
| rnamental Trees | | | | | | | | |
| AG | 2 | Amelanchier x grandiflora 'Autumn Brilliance' | 'Autumn Brilliance' Serviceberry | - | - | 8' | B&B | Multi-st |
| BN | 3 | Betula nigra | River Birch | - | - | 8' | B&B | Multi-ste |
| CE | 4 | Cercis canadensis | Redbud | - | - | 8' | B&B | Full spe |
| CF | 2 | Cornus florida | Flowering Dogwood | - | - | 8' | B&B | Full spe |
| CV | 2 | Chionanthus virginicus | Fringetree | - | - | 8' | B&B | Full spe |
| MV | 4 | Magnolia virginiana | Sweetbay Magnolia | - | - | 8' | B&B | Multi-ste |
| vergreen Trees | | | | | | | | |
| PS | 9 | Thuja occidentailis 'Smaragd' | Emerald Green Arborvitae | - | - | 6' | B&B | Branche |
| то | 6 | Pinus strobus | Eastern White Pine | - | - | 6' | B&B | Branche |
| hrubs** | • | | <u> </u> | • | • | • | | |
| HQ | 6 | Hydrangea quercifolia | Oakleaf Hydrangea | - | - | 36" | CONT | Heavy, |
| VD | 3 | Viburnum dentatum | Arrowwood Viburnum | - | - | 36" | CONT | Heavy, |
| ۸۸ | Mhon utilized on a st | reet tree the tree shall have a single trunk to seven (7') and the lower | five (EI) shall be along to the ground | | | | | |



/— (1) CE

16' WIDE ALLEY

(1) CF -

FF 422.00

GF 420.00

PROPOSED

3-STORY

FF 422.50

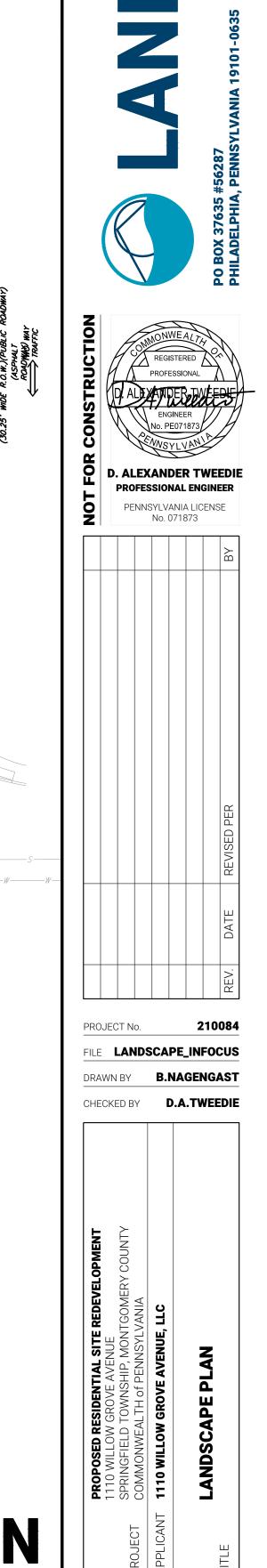
GF 420.50

FF 423.00 GF 421.00

TOWNHOUSE UNITS

FF 422.50

GF 420.50



PENNSYLVANIA ONE CALL DIAL 811 or 800.242.1776

PA1CALL.org

STREE

QUEEN

TICKET #: 20212840543

A.P.N. 52-00-15085-00-1

D.B. 6222, PG. 128

(1) QU — (1) MV —

— (1) CV

FF 421.50

FF 422.00

FF 421.50

(3) CC -

FF 421.00

GF 419.00

FF 421.00

GF 419.00

MASONRY/FRAME BUILDING

(1) CV —

(3) OV —

(3) PS ———

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| (V) VARIANCE REQUIRED | (EN) EXISTING NON-CONFORMANCE | (W) WAIVER REQUESTED | | (TBD) TO BE DETERMINED | (NA) NOT APPLICABLE | (NS) NOT SPECIFIED |

STREET TREES: STREET TREES SHALL BE PLANTED WITHIN ALL FRONT YARD SETBACKS BETWEEN 15 AND 25 FEET FROM THE CURB OR EDGE OF PAVEMENT. SHALL NOT BE PLANTED IN THE ROW. TREES SHALL BE LOCATED NO CLOSER THAN 25 FEET FROM THE RADIUS OF THE CURB. NO LESS THAN ONE IRRES SHALL BE PROVIDED FOR EACH 35 FEET OF STREET LENGTH.

BUFFERS: SUBDIVISIONS AND LAND DEVELOPMENTS SHALL BE REQUIRED TO PROVIDE LANDSCAPE BUFFERING ALONG SIDE AND REAR BOUNDARIES OF THE TRACT TO BE SUBDIVIDED OR DEVELOPED EXCEPT IN THE DEVELOPMENT OF SINGLE-FAMILY DETACHED RESIDENCES

6 UNDERSTORY TREES 6 EVERGREEN TREES

6 CANOPY TREES

3 CANOPY TREES

SOFTENING BUFFER SHALL HAVE A MINIMUM WIDTH OF AT LEAST 15'. REQUIRES 1 CANOPY TREE, 1 UNDERSTORY TREE AND 1 EVERGREEN TREE PER 35'

PARKING AREA LANDSCAPING: EXCEPT IN SINGLE-FAMILY DETACHED RESIDENCES, ALL OFF-STREET PARKING AREAS AND ALL LOADING AREAS SHALL BE LANDSCAPED.

TREES, 1 UNDERSTORY TREE, 6 SHRUBS AND GROUNDCOVER OR MULCH SHALL BE PROVIDED

REPLACEMENT OF TREES: TREES OVER 3" IN CALIPER THAT ARE REMOVED SHALL BE REPLACED WITH APPROVED TREES OF 2-2.5" CALIPER AT A RATE OF 2 NEW TREES TO EACH TREE REMOVED

PERIMETER LANDSCAPING: ALL PARKING AND LOADING AREAS SHALL BE LANDSCAPED WITH BUFFERS ALONG THE FRONT YARD, AS WELL AS SIDE AND REAR BOUNDARIES

INTERNAL LANDSCAPING: FOR EACH 10 PARKING SPACES, 500 SF OF PLANTING AREA CONTAINING AT LEAST 2 CANOF

[1] BLACK ORNAMENTAL FENCE PROPOSED ALONG NORTHEASTERN AND SOUTHEASTERN PROPERTY LINES. 2] ADDITIONAL TREES ALONG WILLOW GROVE AVENUE TO OFFSET DEFECIENCY ALONG QUEEN STREET

NORTHEASTERN PROPERTY LINE: 18

SOUTHEASTERN PROPERTY LINE: 303

WILLOW GROVE AVE.: 303'

LANDSCAPE COMPLIANCE CHART