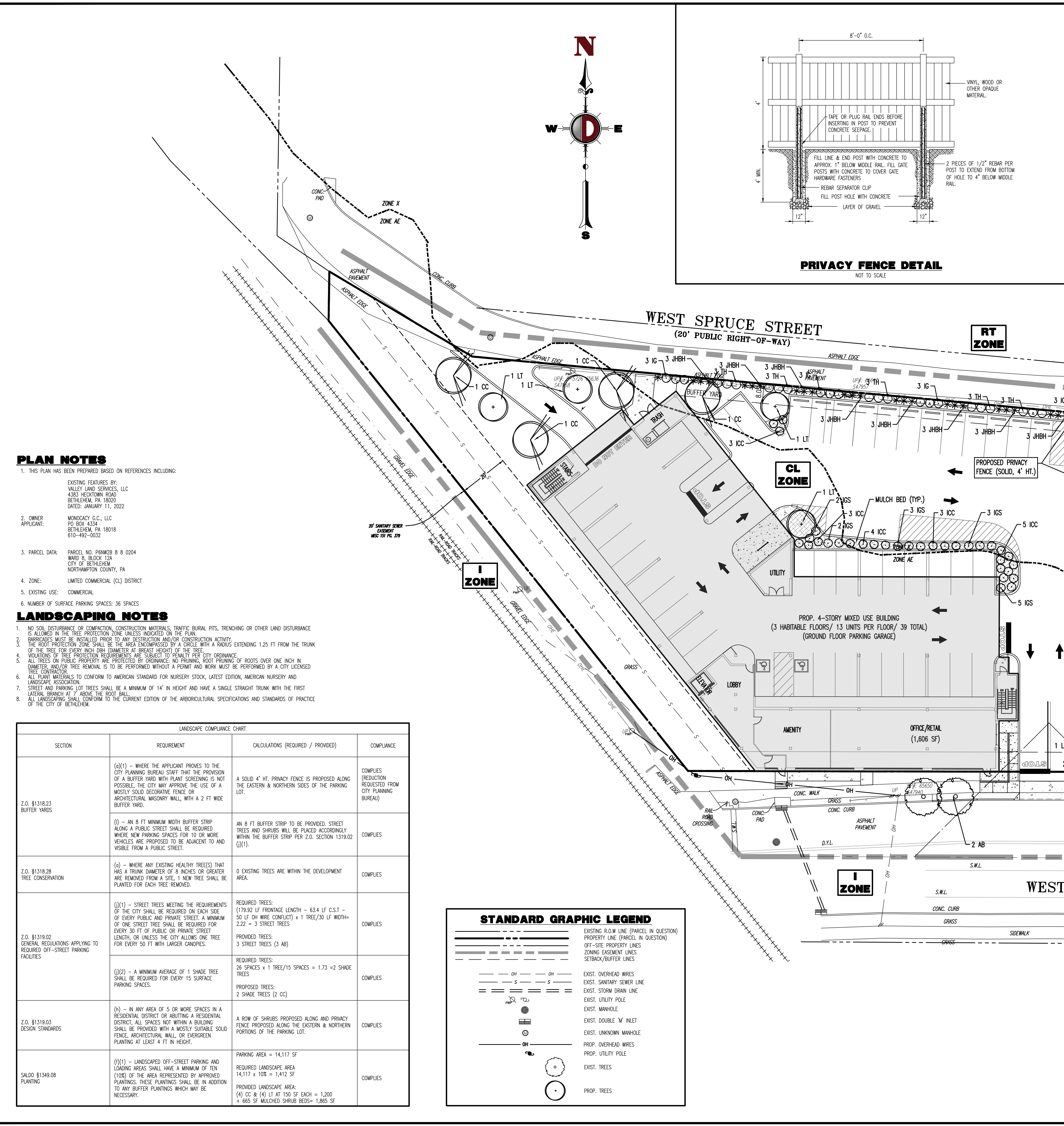




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**THIS PLAN TO BE UTILIZED FOR LANDSCAPE PURPOSES ONLY**

**LANDSCAPE SCHEDULE**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>SHADE TREE(S)</b>					
LT	5	LIRIODENDRON TULIPIFERA	TULIP POPLAR	2 1/2-3" CAL.	B+B
<b>ORNAMENTAL TREE(S)</b>					
AB	3	ACER BUERGERANUM	TRIDENT MAPLE	8-10'	B+B
CC	6	CERCIS CANADENSIS	EASTERN REDBUD	2-2 1/2" CAL.	B+B
	9				
<b>EVERGREEN SHRUB(S)</b>					
ICC	18	ILEX CRENATA 'COMPACTA'	COMPACT JAPANESE HOLLY	24-30"	#3 CAN
IG	23	ILEX GLABRA	INKBERRY HOLLY	24-30"	#5 CAN
IGS	15	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY HOLLY	24-30"	#5 CAN
TH	24	TAXUS MEDIA 'HICKSI'	HICKS YEW	30-36"	B+B
	80				
<b>GROUND COVER</b>					
JHJH	45	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR CREEPING JUNIPER	15-18" SPRD.	#3 CAN

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.

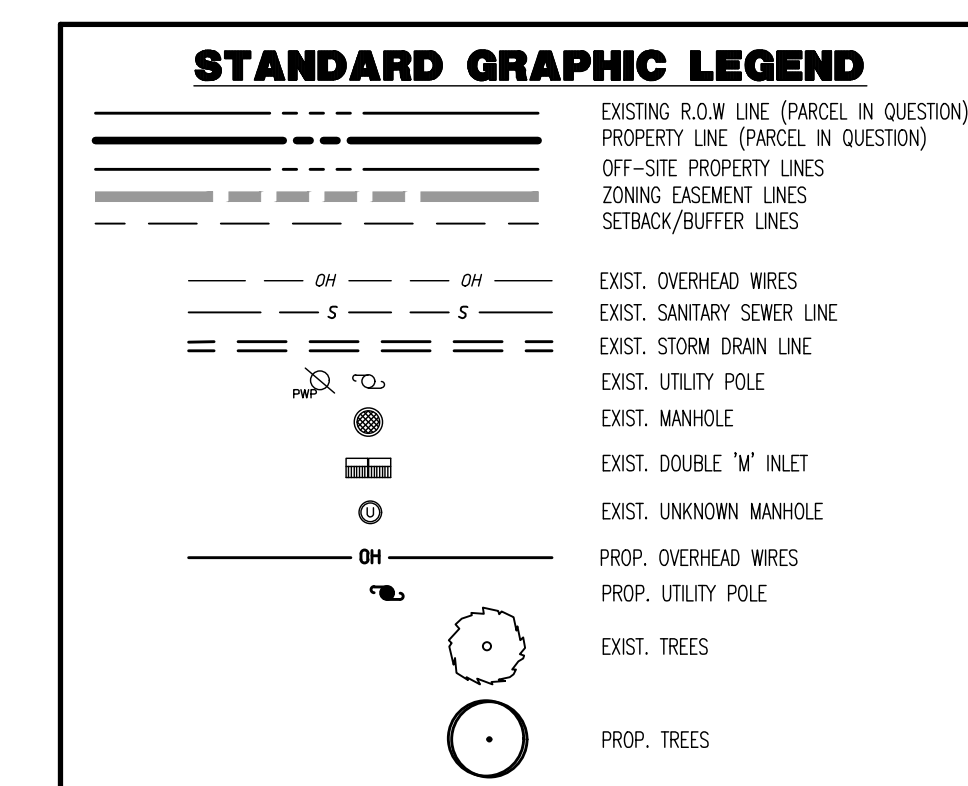
- PLAN NOTES**
- THIS PLAN HAS BEEN PREPARED BASED ON REFERENCES INCLUDING:
    - EXISTING FEATURES BY: VALLEY LAND SERVICES, LLC, 4383 HECKTOWN ROAD, BETHELEHEM, PA 18020, DATED: JANUARY 11, 2022
    - OWNER/APPLICANT: MONOCACY G.C., LLC, PO BOX 4334, BETHELEHEM, PA 18018, 610-492-0032
    - PARCEL DATA: PARCEL NO. P8W028 B 8 0204, WARD B, BLOCK 12A, CITY OF BETHELEHEM, NORTHAMPTON COUNTY, PA
    - ZONE: LIMITED COMMERCIAL (CL) DISTRICT
    - EXISTING USE: COMMERCIAL
    - NUMBER OF SURFACE PARKING SPACES: 36 SPACES
  - NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, TRAFFIC PAVEMENT, TRENCHING OR OTHER LAND DISTURBANCE IS ALLOWED IN THE TREE PROTECTION ZONE UNLESS INDICATED ON THE PLAN.
  - BARRICADES MUST BE INSTALLED PRIOR TO ANY DESTRUCTION AND/OR CONSTRUCTION ACTIVITY.
  - THE ROOT PROTECTION ZONE SHALL BE THE AREA ENCOMPASSED BY A CIRCLE WITH A RADIUS EXTENDING 1.25 FT FROM THE TRUNK OF THE TREE FOR EVERY INCH DBH (DIAMETER AT BREAST HEIGHT) OF THE TREE.
  - VIOLATIONS OF TREE PROTECTION REQUIREMENTS ARE SUBJECT TO PENALTY PER CITY ORDINANCE.
  - ALL TREES ON PUBLIC PROPERTY ARE PROTECTED BY ORDINANCE; NO PRUNING, ROOT PRUNING OF ROOTS OVER ONE INCH IN DIAMETER, AND/OR TREE REMOVAL IS TO BE PERFORMED WITHOUT A PERMIT AND WORK MUST BE PERFORMED BY A CITY LICENSED TREE CONTRACTOR.
  - ALL PLANT MATERIALS TO CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
  - STREET AND PARKING LOT TREES SHALL BE A MINIMUM OF 14' IN HEIGHT AND HAVE A SINGLE STRAIGHT TRUNK WITH THE FIRST LATERAL BRANCH AT 7' ABOVE THE ROOT BALL.
  - ALL LANDSCAPING SHALL CONFORM TO THE CURRENT EDITION OF THE ARBORICULTURAL SPECIFICATIONS AND STANDARDS OF PRACTICE OF THE CITY OF BETHELEHEM.

**LANDSCAPING NOTES**

- NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, TRAFFIC PAVEMENT, TRENCHING OR OTHER LAND DISTURBANCE IS ALLOWED IN THE TREE PROTECTION ZONE UNLESS INDICATED ON THE PLAN.
- BARRICADES MUST BE INSTALLED PRIOR TO ANY DESTRUCTION AND/OR CONSTRUCTION ACTIVITY.
- THE ROOT PROTECTION ZONE SHALL BE THE AREA ENCOMPASSED BY A CIRCLE WITH A RADIUS EXTENDING 1.25 FT FROM THE TRUNK OF THE TREE FOR EVERY INCH DBH (DIAMETER AT BREAST HEIGHT) OF THE TREE.
- VIOLATIONS OF TREE PROTECTION REQUIREMENTS ARE SUBJECT TO PENALTY PER CITY ORDINANCE.
- ALL TREES ON PUBLIC PROPERTY ARE PROTECTED BY ORDINANCE; NO PRUNING, ROOT PRUNING OF ROOTS OVER ONE INCH IN DIAMETER, AND/OR TREE REMOVAL IS TO BE PERFORMED WITHOUT A PERMIT AND WORK MUST BE PERFORMED BY A CITY LICENSED TREE CONTRACTOR.
- ALL PLANT MATERIALS TO CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- STREET AND PARKING LOT TREES SHALL BE A MINIMUM OF 14' IN HEIGHT AND HAVE A SINGLE STRAIGHT TRUNK WITH THE FIRST LATERAL BRANCH AT 7' ABOVE THE ROOT BALL.
- ALL LANDSCAPING SHALL CONFORM TO THE CURRENT EDITION OF THE ARBORICULTURAL SPECIFICATIONS AND STANDARDS OF PRACTICE OF THE CITY OF BETHELEHEM.

**LANDSCAPE COMPLIANCE CHART**

SECTION	REQUIREMENT	CALCULATIONS (REQUIRED / PROVIDED)	COMPLIANCE
Z.O. §1318.23 BUFFER YARDS	(k)(1) - WHERE THE APPLICANT PROVES TO THE CITY PLANNING BUREAU THAT THE PROVISION OF A BUFFER YARD WITH PLANT SCREENING IS NOT POSSIBLE, THE CITY MAY APPROVE THE USE OF A MOSTLY SOLID DECORATIVE FENCE OR ARCHITECTURAL MASONRY WALL WITH A 2 FT WIDE BUFFER YARD.	A SOLID 4' HT. PRIVACY FENCE IS PROPOSED ALONG THE EASTERN & NORTHERN SIDES OF THE PARKING LOT.	COMPLIES (REDUCTION REQUESTED FROM CITY PLANNING BUREAU)
Z.O. §1318.28 TREE CONSERVATION	(i) - AN 8 FT MINIMUM WIDTH BUFFER STRIP ALONG A PUBLIC STREET SHALL BE REQUIRED WHERE NEW PARKING SPACES FOR 10 OR MORE VEHICLES ARE PROPOSED TO BE ADJACENT TO AND VISIBLE FROM A PUBLIC STREET.	AN 8 FT BUFFER STRIP TO BE PROVIDED. STREET TREES AND SHRUBS WILL BE PLACED ACCORDINGLY WITHIN THE BUFFER STRIP PER Z.O. SECTION 1318.02 (j)(1).	COMPLIES
Z.O. §1318.02 GENERAL REGULATIONS APPLYING TO REQUIRED OFF-STREET PARKING FACILITIES	(a) - WHERE ANY EXISTING HEALTHY TREE(S) THAT HAS A TRUNK DIAMETER OF 8 INCHES OR GREATER ARE REMOVED FROM A SITE, 1 NEW TREE SHALL BE PLANTED FOR EACH TREE REMOVED.	0 EXISTING TREES ARE WITHIN THE DEVELOPMENT AREA.	COMPLIES
Z.O. §1319.02 GENERAL REGULATIONS APPLYING TO REQUIRED OFF-STREET PARKING FACILITIES	(j)(1) - STREET TREES MEETING THE REQUIREMENTS OF THE CITY SHALL BE REQUIRED ON EACH SIDE OF EVERY PUBLIC AND PRIVATE STREET. A MINIMUM OF ONE STREET TREE SHALL BE REQUIRED FOR EVERY 30 FT OF PUBLIC OR PRIVATE STREET LENGTH, OR UNLESS THE CITY ALLOWS ONE TREE FOR EVERY 50 FT WITH LARGER CANOPIES.	REQUIRED TREES: (179.92 LF FRONTAGE LENGTH - 63.4 LF C.S.T - 50 LF OH WIRE CONFLICT) x 1 TREE/30 LF WIDTH = 2.22 = 3 STREET TREES PROVIDED TREES: 3 STREET TREES (3 AB)	COMPLIES
	(j)(2) - A MINIMUM AVERAGE OF 1 SHADE TREE SHALL BE REQUIRED FOR EVERY 15 SURFACE PARKING SPACES.	REQUIRED TREES: 28 SPACES x 1 TREE/15 SPACES = 1.73 = 2 SHADE TREES PROPOSED TREES: 2 SHADE TREES (2 CC)	COMPLIES
Z.O. §1319.03 DESIGN STANDARDS	(h) - IN ANY AREA OF 5 OR MORE SPACES IN A RESIDENTIAL DISTRICT OR ABUTTING A RESIDENTIAL DISTRICT, ALL SPACES NOT WITHIN A BUILDING SHALL BE PROVIDED WITH A MOSTLY SOLID FENCE, ARCHITECTURAL WALL, OR EVERGREEN PLANTING AT LEAST 4 FT IN HEIGHT.	A ROW OF SHRUBS PROPOSED ALONG AND PRIVACY FENCE PROPOSED ALONG THE EASTERN & NORTHERN PORTIONS OF THE PARKING LOT.	COMPLIES
SALDO §1349.08 PLANTING	(f)(1) - LANDSCAPED OFF-STREET PARKING AND LOADING AREAS SHALL HAVE A MINIMUM OF TEN (10%) OF THE AREA REPRESENTED BY APPROVED PLANTINGS. THESE PLANTINGS SHALL BE IN ADDITION TO ANY BUFFER PLANTINGS WHICH MAY BE NECESSARY.	PARKING AREA = 14,117 SF REQUIRED LANDSCAPE AREA 14,117 x 10% = 1,412 SF PROVIDED LANDSCAPE AREA: (4) CC & (4) LT AT 150 SF EACH = 1,200 + 665 SF MULCHED SHRUB BEDS = 1,865 SF	COMPLIES



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**STEPHEN WALSH**  
PROFESSIONAL ENGINEER  
PENNSYLVANIA LICENSE # 0000856

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TITLE: **LANDSCAPE PLAN**

SCALE: (h) 1" = 20'  
(v) ---

DATE: 03/23/22

PROJECT No: 3937-99-003

SHEET No: **2** OF 2

Rev. #: