

Report of Staff Recommendation

File No.: 11-B-21-TOB

Applicant: BLAKE RAMSEY / DK LEVY ARCHITECTURE AND DESIGN

Request: BUILDING PERMIT

Meeting Date: 11/8/2021

Address: 1035 Data Ln.

Map/Parcel Number: 118 17318

Location: Northeast side of the Data Ln terminus; generally east of Lovell Rd and north of Murdock Dr

Existing Zoning: BP (Business and Technology) / TO (Technology Overlay)

Proposed Zoning: N/A

Existing Land Use: Office/warehouse

Proposed Land Use: Expansion of existing building and use

Appx. Size of Tract: 3.87 acres

Accessibility: Access is off of Data Lane, a local road with a 25-ft pavement width inside a 70-ft right-of-way.

Surrounding Zoning and Land Uses:

North: Single family detached residences - RA (Low Density Residential) / TO (Technology

Overlay)

South: Office buildings - BP (Business and Technology Park) / TO (Technology Overlay)

East: Vacant land - BP (Business and Technology Park) / TO (Technology Overlay)

West: Vacant land - BP (Business and Technology Park) / TO (Technology Overlay)

Comments:

- 1) This is a request for a new, additional structure for Mechman Alternators. The proposed structure would function as an extension of the existing building, providing additional space for offices, warehousing, and a research and development area. The new building is proposed on the western side of the site and would share the existing driveway off of Data Lane.
- 2) The existing building was built in 1996. However, there are no records of TTCDA approval.
- 3) The 3.87-acre site is at the northern terminus of Data Lane on the east side of the street, though Corridor Park Boulevard also terminates at this property in the southwestern corner.
- 4) The proposal meets all setback requirements. The adjacent lots to the north are single family residential, so a 100-ft setback is required at the rear of the site, and this has been met. This is greater than the 50-ft peripheral boundary required for the BP zone boundary at the rear of the site.
- 5) The proposed new building is approximately 9,193 sq ft in area. Combined with the square footage of the existing building, the total building footprint on the site is 17,242 sq ft.
- 6) The plans meet the development intensity metrics as noted below:
 - a) Ground area coverage (GAC): 10% (GAC standard maximum allowed = 25%)
 - b) Floor area ratio (FAR): 10% (FAR standard maximum allowed = 30%)
 - c) Impervious area ratio (IAR): 38% (IAR standard maximum allowed = 70%)
- 7) This property was originally platted as two separate parcels, and the existing detention pond was originally designed for one of those parcels and the adjacent property to the south (see Exhibit A, plat from 2005, lots 14 & 16). The pond will require modification to accommodate the additional land. A signed letter of agreement from the adjacent property owner to the south will be required during the design phase.
- 8) Based on the mix of office and warehouse uses within the new building, a minimum of 11 spaces is required and a maximum of 17 is allowed. The plans propose to add 10 spaces for the

new building and utilize the parking at the existing building for any additional needs. The parking for the existing building is significantly over the maximum allowed, and staff believes sharing the parking is preferable to adding additional spaces for the new building.

- 9) The proposed landscaping is in compliance with TTCDA Guidelines. Most of the landscaping is to the rear and west side of the property. The rear of the property faces single family residences and the west side is visible from Corridor Park Boulevard, so more robust landscaping on those two sides of the building is appropriate.
- 10) The proposed building would feature painted split face masonry block on the walls and a flat roof. Use of masonry block on exterior facades is discouraged within the TO zones, but not prohibited. The building would not be readily visible from the Data Lane, and is located at the end of a street where traffic is limited, so staff has no issue with the selected material. The proposed building color coordinates with that of the existing office building.
- 11) Mechanical equipment is proposed on the roof and is not visible from the rights-of-way.
- 12) The proposed lighting plans and fixtures are in compliance with the TTCDA Guidelines.
- 13) No signage is proposed at this time. If signage were to be added in the future, it would require approval by the TTCDA.

Design Guideline Conformity:

Based on the application and plans as submitted, the proposal is in compliance with TTCDA Design Guidelines.

Waivers and Variances Requested:

N/A

Staff Recommendation:

Based on the application and plans as submitted and revised, Staff recommends approval of this request for a Certificate of Appropriateness for a building permit, subject to the following conditions:

- 1) Connection to sanitary sewer and meeting any other relevant requirements of the utility provider.
- 2) Installation of all landscaping as shown on development plan within six months of the issuance of an occupancy permit, or posting a bond with the Knox County Department of Engineering and Public Works to guarantee such installation.
- 3) Meeting all other applicable requirements of the Knox County Department of Engineering and Public Works.
- 4) Meeting all applicable requirements of the Knox County Zoning Ordinance.
- 5) Meeting all applicable requirements of the Knox County Fire Marshall's office.
- 6) A signed letter of agreement shall be provided giving approval for the detention pond for lots 14 and 15 to be utilized by this lot as well, to be approved during permitting.
- 7) No signage is proposed at this time. If signage is desired in the future, it would require approval by the TTCDA via a separate application.

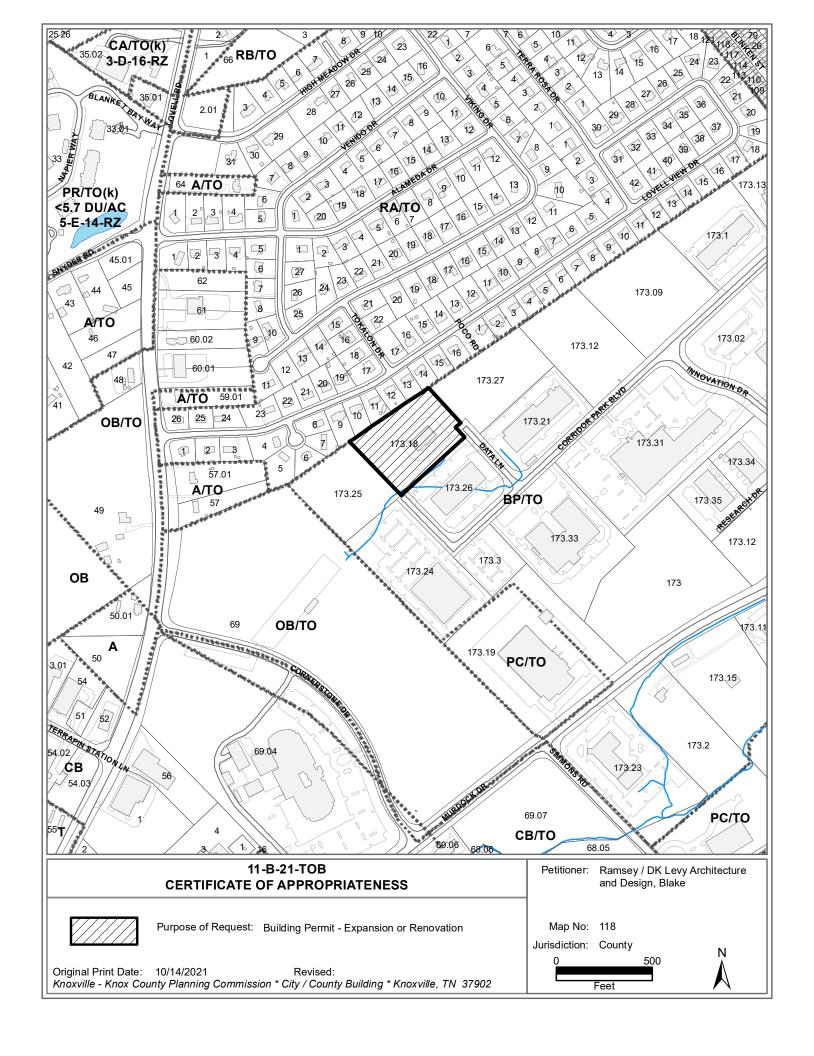


Exhibit A. Plat Showing Original Division of Properties

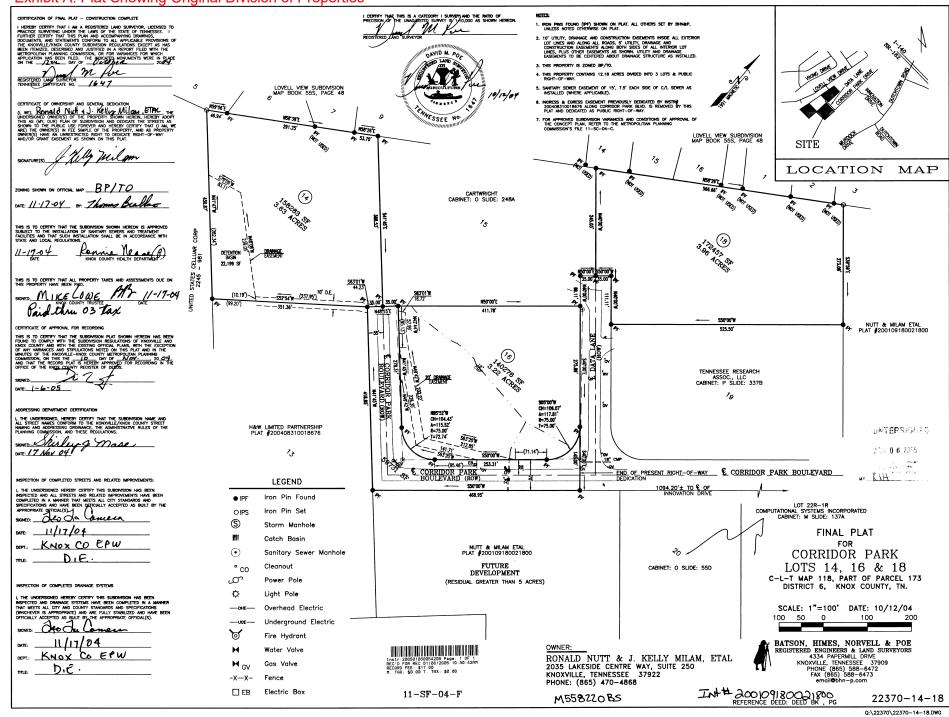


Exhibit B. Stormwater Review Clarifying Detention Pond Design



Michelle Portier <michelle.portier@knoxplanning.org>

TTCDA site plans for review

Amanda Purkey <Amanda.Purkey@knoxcounty.org>

Wed, Oct 13, 2021 at 9:56 AM

To: Michelle Portier <michelle.portier@knoxplanning.org>, Aaron Fritts <Aaron.Fritts@knoxcounty.org>, Leo LaCamera <Leo.LaCamera@knoxcounty.org>

Michelle,

11-A-21-TOB - Required to do Water quality and deten on for development.

11-B-21-TOB - The exis ng pond was only designed for Lots 14 & 16, the pond will be required to be modified to accommodate the expansion of the lot 15. A signed le er of agreement from the adjacent property owner will be required during the design phase.

Amanda Purkey

Civil Plans Reviewer
Land Development Services

Office: 865-215-5829 205 West Baxter, Ave. Knoxville, TN 37917

From: Michelle Por er <michelle.portier@knoxplanning.org>

Sent: Wednesday, October 13, 2021 8:10 AM

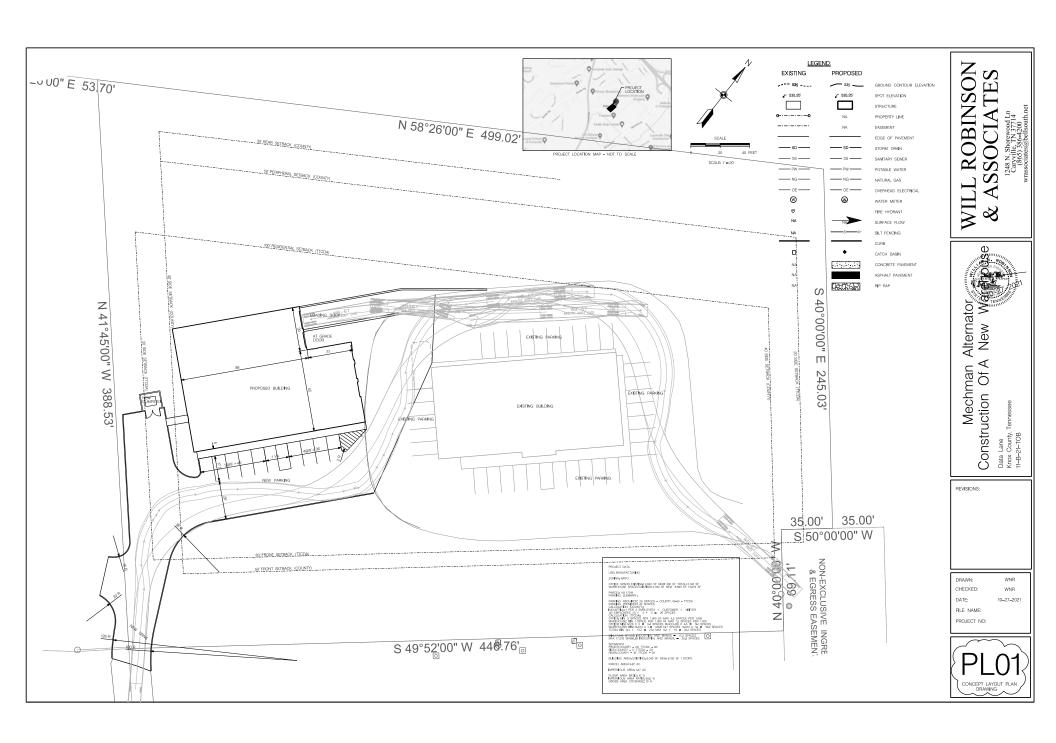
To: Aaron Fri s < Aaron. Fritts@knoxcounty.org >; Leo LaCamera < Leo. LaCamera@knoxcounty.org >; Amanda

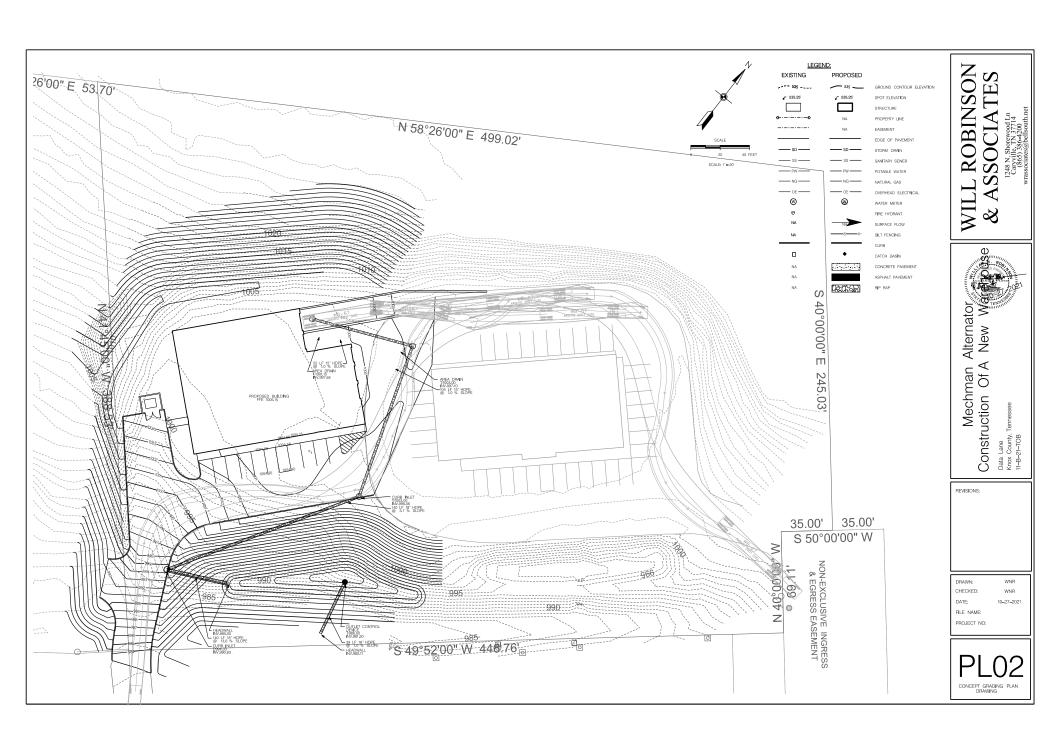
Purkey < Amanda. Purkey@knoxcounty.org> **Subject:** [External] TTCDA site plans for review

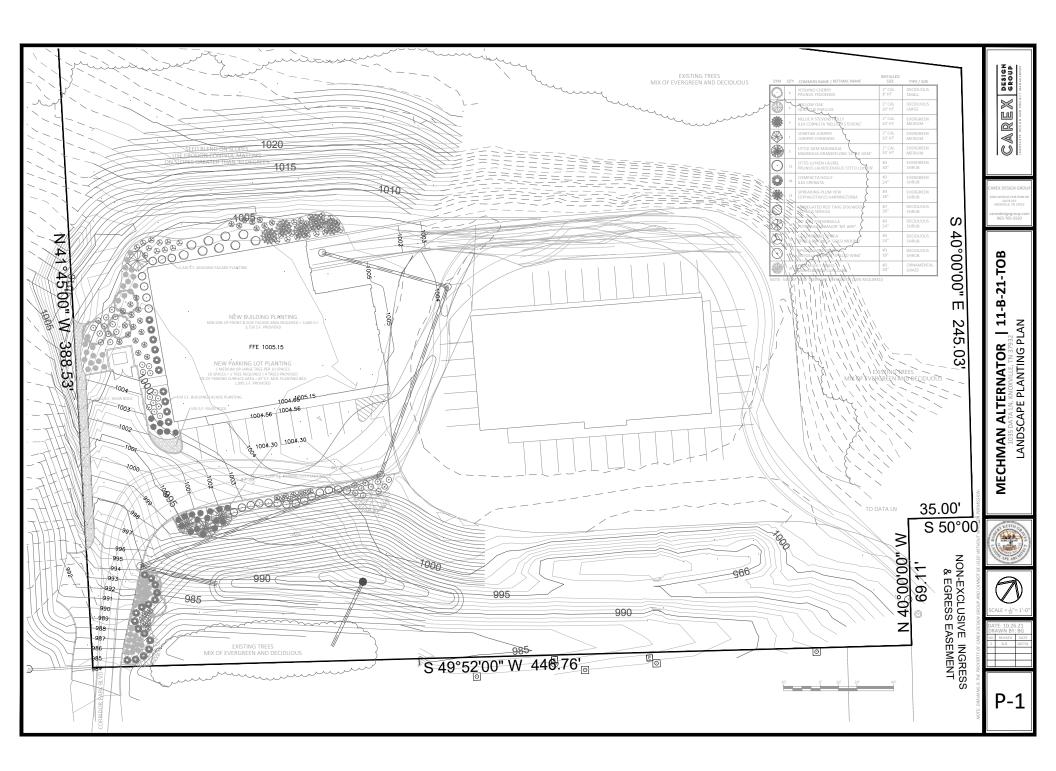
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>>>CAUTION<

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PLANT MATERIAL

All plant material planted shall be guaranteed by the Contractor for a minimum of six (6) months, and begins at the time of acceptance by the Designer or Owner. Any plant or sodding not found in a healthy growing condition at the end of the guarantee period shall be removed from the site and replaced within 10 days.

Protection of Existing Structures: All existing buildings, walks, walls, paying, piping (and other items of construction) and planting (trees, shrubs, ground covers, etc.) already completed or established shall be protected from damage by the Contractor. All damage resulting from negligence shall be repaired or replaced to the satisfaction of the Designer or

Protection of Existing Plant Materials: The Contractor shall be responsible for all unauthorized cutting or damage to existing trees, shrubs, and ground covers caused by operation of equipment, stockpiling of materials, careless labor, etc. This shall include compaction by driving or parking inside the drip-line of trees or the spilling of oil, gasoline, or other deleterious materials within the drip-line of trees.

MAINTENANCE

Plant Material Maintenance: All plants and planting included under the Contract shall be maintained by watering, cultivating, spraying, and all other operations necessary to ensure a healthy condition by the Contractor until accepted by the Designer.

Plant Grading: Plant species and size shall conform to those indicated on the drawings. Nomenclature shall conform to Standardized Plant Names, 1942 Edition. All plants not otherwise specified as being specimen, shall be excellent quality or better, as determined by the local plant industry. All plants shall be freshly dug, sound, healthy, vigorous, well branched and free of disease and insect eggs and larvae and shall have adequate root systems.

Planting Soil: Planting soil shall be fertile, friable without mixture of subsoil materials, and obtained from a well-drained,

industry acceptable site. It shall be free from heavy clay, stones, lumps, plants, root or other foreign materials, or noxious grass (such as Torpedo, Bermuda or nut grass) and noxious weeds. The PH range shall be 5.0 to 7.0 inclusive Soil conditioner is to be mixed into soil as shown on planting details. All planting beds are to grade away from any structure or building to ensure proper drainage.

Cleaning Up Before Commencing Work: The Contractor shall clean-up work and planting areas of all rubbish or objectionable matter and it shall be removed from the surface of all plant beds. These materials shall not be mixed with the soil. Should this Contractor find conditions beneath the soil which will in any way adversely affect the plant growth, he shall immediately call it to the attention of the Owner. Failure to do so before planting shall make the corrective

Obstruction Below Ground: Contractor is responsible for underground utilities verification. If underground construction utilities or obstructions are encountered during the excavation of planting areas, or pits, alternate locations for the plant material shall be selected and approved by the Designer.

Plant Material Layout: It is suggested that Contractor stake tree or plant locations from the planting plans prior to digging pits, making any necessary adjustments.

Tree Guying and Bracing: Procedure shall be at the discretion of the Contractor in accordance with sound nursery

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Mulching: Provide a three (3) inch minimum layer of specified mulch over the entire area of each shrub bed, ground cover and vine bed and tree pit or as otherwise specified.

Digging and Handling: Protect roots or balls of plants at all times from sun and drying winds, excess water and freezing, as necessary until planting. No plants moved with a ball shall be planted if the ball is cracked or broken. detering: Water plants in thoroughly upon planting. Contractor is responsible for watering all plant material until

LAWN SODDING

Work: Work consists of soil preparation, lawn bed preparation, and sodding complete, in strict accordance with the specifications and the applicable drawings, to produce a grass lawn acceptable to the Owner/Designer.

Soil Preparation: All areas that are to be sodded, shall be cleared of any rough grass, weeds, and debris, and the ground brought to a smooth and even grade.

Fertilizer: Fertilizer shall be a commercial type, 12-6-8, complying with local fertilizer laws and applied at a rate

Sodding: The Contractor shall sod all the areas as designated on the drawings within the contract limits, unless specified otherwise. The sod shall meet all local specifications, absolutely true to variety type, and free from weeds, fungus, insects and disease of any kind. Each sod panel shall have sufficient root and soil base to assure proper sod growth. Sod panels shall be laid tightly together so as to make a solid sodded lawn area. Sod shall be laid uniformly against the edges of all buildings, paved and planted areas. Immediately following sol daying, the lawn areas shall be rolled with a lawn roller, and then thoroughly watered. After rolling it, in the opinion of the Designer, top-dressing and over-seeding may be necessary to fifth evoked between the sod panels and to even out inconsidencies in the sod. For top-dressing, clean sand as approved by the Designer shall be uniformly spread over the entire surface of the sod and thoroughly watered

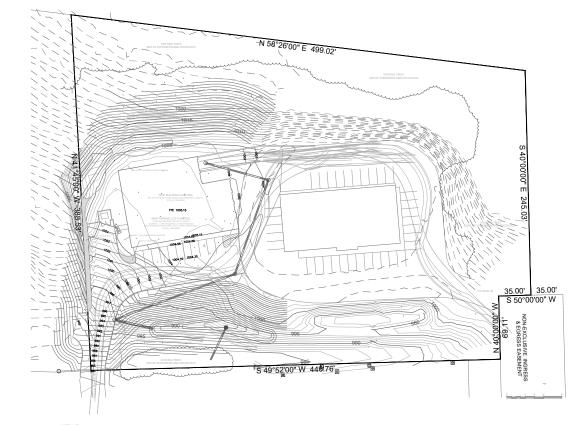
PLANTING DETAILS

Refer to drawings.

driveways, parking lots, sidewalks, lawn and planting areas. No bulk materials to be stored on street unless approved by Owner. Any materials in roadways, driveways etc. shall be clearly visible with tape, cones etc. Any open holes left shall be covered with plywood or other safety device. All areas not constructed, planted or sodded shall receive grass seed and straw unless otherwise stipulated.







| SYM | QTY | COMMON NAME / BOTANIC NAME | SIZE | TYPE / SIZE |
|--------------------|-----|---|------------------|---------------------|
| 0 | 6 | YOSHINO CHERRY PRUNUS YEDOENSIS | 2" CAL 8' HT | DECIDUOUS SMALL |
| 4 | 2 | WILLOW OAK QUERCUS PHELLOS | 3" CAL 10' HT | DECIDUOUS LARGE |
| * | 5 | NELLIE R STEVENS HOLLY ILEX CORNUTA 'NELLIE R STEVENS' | 2" CAL 10' HT | EVERGREEN MEDIUM |
| ® | 1 | SPARTAN JUNIPER JUNIPER CHINENSIS | 2" CAL 10' HT | EVERGREEN MEDIUM |
| | 3 | LITTLE GEM MAGNOLIA MAGNOLIA GRANDIFLORA 'LITTLE GEM' | 2" CAL 10' HT | EVERGREEN MEDIUM |
| $\overline{\odot}$ | 21 | OTTO LUYKEN LAUREL PRUNUS LAUROCERASUS 'OTTO LUYKEN' | #3 30" | EVERGREEN SHRUB |
| * | 26 | COMPACTA HOLLY ILEX CRENATA | #3 24" | EVERGREEN SHRUB |
| * | 22 | SPREADING PLUM YEW CEPHALOTAXUS HARRINGTONIA | #3 18" | EVERGREEN SHRUB |
| 0 | 9 | VARIEGATED RED TWIG DOGWOOD CORNUS SERICEA | #7 36" | DECIDUOUS SHRUB |
| 8 | 39 | MT AIRY FOTHERGILLA FOTHERGILLA MAJOR 'MT AIRY' | #3 24" | DECIDUOUS SHRUB |
| 0 | 31 | GOLDMOUND SPIREA SPIREA JAPONICA 'GOLD MOUND' | #3 24" | DECIDUOUS SHRUB |
| • | 34 | SPILLED WINE WEIGELA WEIGELA FLORIDA 'SPILLED WINE' | #3 18" | DECIDUOUS SHRUB |
| ** | 50 | PINK MUHLY GRASS MUHELBERGIA CAPILLARIS | #3 30" | ORNAMENTAL GRASS |

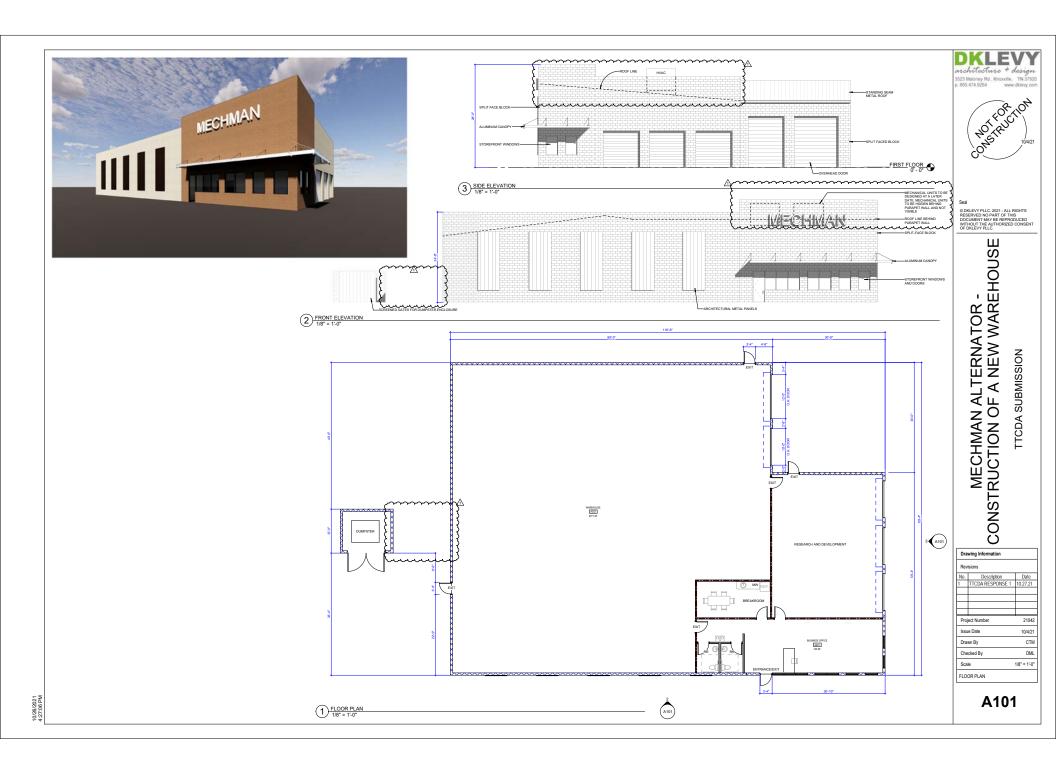
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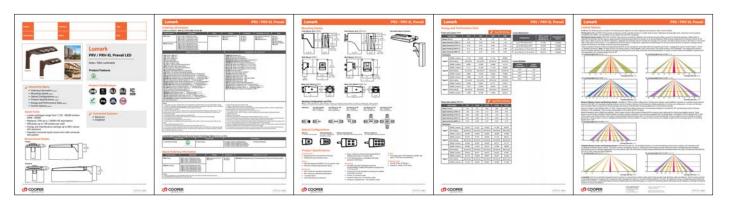
21-TO ф 1 PLANTING PLAN **ALTERNATOR** LANDSCAPE **ECHMAN**

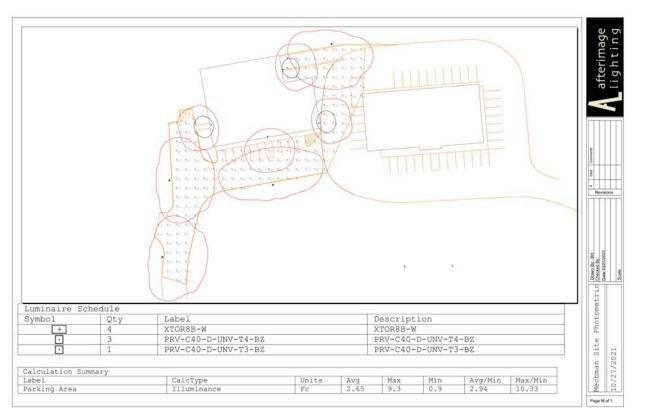
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MECHMAN ALTERNATOR CONSTRUCTION OF A NEW WAREHOUSE
TTCDA SUBMISSION

A102



TTCDA Review Request

| ■ BUILDING PERMIT - NEW CONSTRUCTION □ BUILDING PERMIT - EXPANSION OR RENOVATION □ BUILDING PERMIT - GRADING PLAN | ☐ REZONING ☐ ADMINISTRATIVE REVIEW ☐ SIGNAGE ☐ BOARD REVIEW ☐ ZONING VARIANCE | | | | |
|--|---|---|--|--|--|
| Blake Ramsey | | | | | |
| PUBLISHED APPLICANT NAME - no individuals on behalf of |)f - | | | | |
| 10/04/2021 | 11/08/2021 | 11-B-21-TOB | | | |
| DATE FILED | MEETING DATE (IF APPLICABLE) FILE NUMBER | | | | |
| CORRESPONDENCE Correspondence related to | this application will be directed to th | ne contact listed below. | | | |
| | VEYOR | ECT/LANDSCAPE ARCHITECT | | | |
| Blake Ramsey DKLEVY Architecture and Design | | | | | |
| NAME | COMPANY | | | | |
| 3523 Maloney Road | Knoxville | TN 37918 | | | |
| ADDRESS | спу | STATE ZIP | | | |
| (865) 474-9264 | blake@dklevy.com | | | | |
| PHONE | EMAIL | | | | |
| CURRENT PROPERTY INFO | IERS / OPTION HOLDERS PART C | DF PARCEL | | | |
| Power Solutions Holdings | 2111 Signal Point Road 379 | 22 mlogan@mechman.com | | | |
| OWNER NAME - if different - | OWNER ADDRESS OWNER PHONE/EMAIL | | | | |
| 1035 Data Lane, Knoxville, TN 37932 | | | | | |
| PROPERTY ADDRESS | AND | - 1935- (2011 | | | |
| 118 17318 | N | 3.87 acres | | | |
| PARCEL ID(S) | PART OF PARCEL? (Y/N) | TRACT SIZE | | | |
| STAFF USE ONLY | | | | | |
| Northwest side of the Data Ln terminus; gene Rd and north of Murdock Dr | rally east of Lovell | CITY X COUNTY | | | |
| GENERAL LOCATION | 101100000000000000000000000000000000000 | DISTRICT | | | |
| BP/TO | TP (Technology Park) | | | | |
| ZONING | SECTOR PLAN LAND USE CLASSIFICATION | | | | |
| Northwest County | Office/warehouse | | | | |
| PLANNING SECTOR | EXISTING LAND USE | HATTATA PENERS IN IN ILLIAN IN THE HEAD | | | |

| REQUEST | enamento con monera de como | Manage Manage Commission | | | |
|---|-----------------------------|---------------------------|---|---|--|
| BUILDING PERMIT NEW CONSTRUCTION EXPANSION OR RENOVATION GRADING PLAN WAIVERS OR VARIANCES REQUESTED? TYES ADMINISTRATIVE REVIEW: LIGHTING | | | PLAN MATERIALS: DEVELOPMENT PLAN BUILDING ELEVATIONS FLOOR PLAN LANDSCAPE PLAN SIGNAGE PLAN OFF-STREET PARKING | OTHER: | |
| RENOVATION OR EXPANSION | | ZONING | VARIANCE | | |
| SUMMARY OF WORK TO BE PERFORMED: Addition to existing building | | SUMMARY O | SUMMARY OF ZONING VARIANCE REQUEST: | | |
| REZONING | | | | and a second of the second of | |
| REZONE FROM: | | | | | |
| то: | | | 18.5 175.11. | | |
| SECTOR PLAN AMENDMENT FROM: | | | •••• | | |
| TO: | | Earlann - Lands | PRITE STANISH SHIP SHIP SHIP SHIP SHIP SHIP SHIP S | | |
| SIGNAGE | | | | | |
| YARD SIGN BUILDING SIGN AREA: AREA: HEIGHT: HEIGHT: FINISH: FINISH: | AREA:HEIGHT: | | | | |
| TTCDA Checklist | CODE | CODE | | TOTAL | |
| ☐ Property Owners/Option Holders | 801 / \$400 | FEE | | \$400.00 | |
| AUTHORIZATION By signing bel | ow You certify tha | t you are the prop | perty owner and/or authorized re | epresentative. | |
| MATTHEN YOUNG | - Owner | | 10/04/ | /2021 | |
| APPLICATION AUTHORIZED BY | AFFILIATION | FILIATION DATE / / | | | |
| (865) 522-6166 /775-742- | 5666 mlogan@ | mechman.co | om 10/4 | /21 | |
| PHONE NUMBER | EMAIL | | | | |
| Michelle Portie | Matt Log | gan Michelle F | Portier | | |
| STAFF SIGNATURE | | DATE PAID | | | |