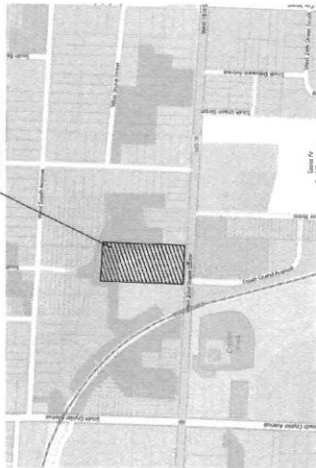
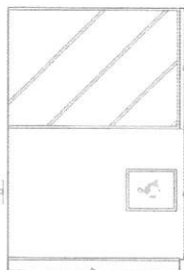


# PROJECT LOCATION

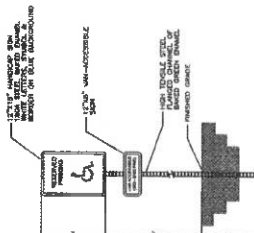


## LOCATION PLAN

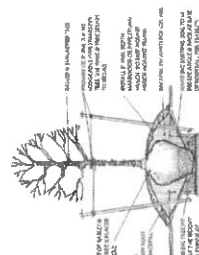
NOTES:  
1. THE PROJECT SHALL BE LOCATED AT THE INTERSECTION OF W 23RD STREET AND S 78TH HIGHWAY.  
2. THE PROJECT SHALL BE LOCATED AT THE INTERSECTION OF W 23RD STREET AND S 78TH HIGHWAY.  
3. THE PROJECT SHALL BE LOCATED AT THE INTERSECTION OF W 23RD STREET AND S 78TH HIGHWAY.  
4. THE PROJECT SHALL BE LOCATED AT THE INTERSECTION OF W 23RD STREET AND S 78TH HIGHWAY.  
5. THE PROJECT SHALL BE LOCATED AT THE INTERSECTION OF W 23RD STREET AND S 78TH HIGHWAY.



## ACCESSIBLE PARKING DETAIL



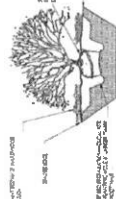
## HANDICAP SIGN



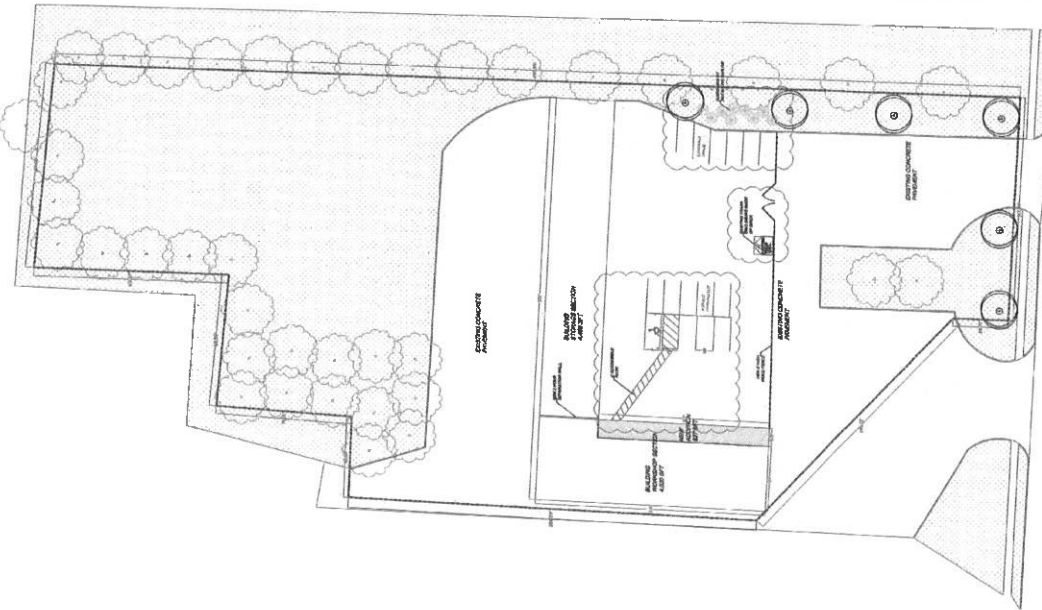
## TYPICAL TREE PLANTING DETAIL

## LEGAL DESCRIPTION

L & D CENTER—LOT 1



## TYPICAL SHRUB PLANTING DETAIL



W 23RD STREET S (78 HWY)

## N SITE PLAN

SCALE: 1"=30'-0"

## CODE ANALYSIS

- GOVERNING CODES:
- INTERNATIONAL BUILDING CODE, 2018
  - INTERNATIONAL MECHANICAL CODE, 2018
  - NATIONAL ELECTRIC CODE, 2018
  - INTERNATIONAL PLUMBING CODE, 2018
  - INTERNATIONAL FIRE CODE, 2018
  - AMERICAN NATIONAL STANDARD, ANSI A117.1, 2010

CONSTRUCTION TYPE: V-B  
OCCUPANCY GROUP: S1

## AREAS & OCCUPANT LOADS

BUILDING AREA:  
WORKSHOP BUILDING AREA = 4,020 SFT  
NEW BUILDING ADDITION = 827 SFT  
TOTAL BUILDING AREA = 4,847 SFT

BUILDING STORAGE SECTION AREA (NO WORK IN THIS PART OF THE BUILDING) = 4,408 SFT

OCCUPANT LOAD  
WORKSHOP 5 BAYS 1 PERSON/BAY = 5 PERSONS  
OFFICE 700 SFT @ 100 SFT/PERSON = 7 PERSONS  
STORAGE AREA 300 SFT @ 300 SFT/PERSON = 1 PERSONS  
TOTAL OCCUPANT LOAD = 13 PERSONS

REQUIRED EXIT WIDTH:  
DOORS = 0.2 x 13 PERSONS = 2.6'  
SO, MAIN EXIT REQUIRED = 1. PROVIDED = 2'  
WIDTH SHOWN = 3' MAIN EXIT AND 3' SIDE EXIT

ALLOWABLE BUILDING AREA: 9,000 SFT  
ACTUAL BUILDING AREA: 4,847 SFT

## PLANT LIST

| NO. | SYMBOL        | COMMON NAME     | SIZE                  |
|-----|---------------|-----------------|-----------------------|
| 1   | SHRUBS, TREES | NORWAY MAPLE    | 2 1/2" CAL. MIN.      |
| 2   | SHRUBS, TREES | HAZEL CYPRESS   | 2 1/2" CAL. MIN.      |
| 3   | SHRUBS, TREES | WARTY HAMBURGER | #6 CONTAINER (8 GAL.) |
| 4   | SHRUBS, TREES | WARD'S TEW      | #6 CONTAINER (8 GAL.) |

## LEGEND

- CONCRETE SURFACE
- GRASS COVER
- ACCESSIBLE PARKING SIGN
- BUILDING OUTLINE
- PROPERTY LINE
- EXISTING TREE
- NEW TREE
- NEW SHRUB PLANTINGS



## COVER SHEET

Project number: 2018-100  
Client: MAYAS  
Checked by: GUYNA

## SHEET 1

MAYAS  
AUTO REPAIR SHOP  
1026 WEST 23RD STREET SOUTH  
INDEPENDENCE, MISSOURI



Design Group LLC  
1000 S. Bessie Street  
Suite 100  
Kansas City, MO 64108  
(816) 991-8888



**MAYA'S**

**AUTO REPAIR SHOP**

1026 WEST 23RD STREET SOUTH

INDEPENDENCE, MISSOURI

**INNOVATIVE DESIGN & RENOVATION**

8011 PASSED BLVD. UNIT #201

KANSAS CITY, MISSOURI 64131

(816) 797-2065

(816) 531-2221

| Date       | Description                | By |
|------------|----------------------------|----|
| 07/25/2017 | REVISION FOR CITY APPROVAL |    |
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