

**PRE-MEETING AGENDA
MOUNTAIN BROOK CITY COUNCIL**

**CITY HALL PRE-COUNCIL ROOM (A106)
56 CHURCH STREET
MOUNTAIN BROOK, AL 35213**

JANUARY 14, 2019 6:15 P.M.

1. Flashing pedestrian crossing signs for area near Cherokee Bend Elementary School- Richard Caudle of Skipper Consultants (See attached information. This item may be added to the formal agenda.)
2. Conditional use for an office in the 2nd phase of Lane Parke-John Evans and Dana Hazen (See attached information. This item may be added to the formal agenda.)

Memorandum

To: Mountain Brook Mayor and City Council
Sam Gaston
Chief Ted Cook
Ronald Vaughn

From: Richard L. Caudle, P.E.

Date: December 26, 2018

Subject: Wilderness Road (Cherokee Bend Elementary School)

Skipper Consulting, Inc. has completed work on the assignment to respond to the request from Cherokee Bend Elementary School for flashing signs on Wilderness Road. We recommend the following:

- Installation of two (2) S1-1 School Zone signs with five flashing LEDs. Catalog cut sheet is attached.
- Signs will be solar powered, and equipped with two solar panels and two batteries per sign.
- Signs will have a programmable seven day timer. Proposed flashing times are as follows:

| | | |
|------------------|--------------------|----------------|
| Monday to Friday | August through May | 7:30-8:00 a.m. |
| | | 2:30-3:30 p.m. |

- Approximate locations of the signs are shown in the attached drawing.
 - One sign to be located on Wilderness Road northbound approaching Fair Oaks Drive
 - One sign to be located on Wilderness Road southbound approaching Kennesaw Drive
 - Final sign locations to be determined in field based on tree cover and property lines
 - Total cost for two signs is \$2,898.76, delivered to the City. Quote is attached.
 - Installation would be by Mountain Brook Public Works Department.
-

PROPOSED CROSSWALK WARNING SIGNS WITH LED FLASHING LIGHTS WILDERNESS ROAD/CHEROKEE BEND ELEMENTARY SCHOOL



Yellow Flashing
LED Light (typ.)

S1-1
36"x36"

Sign Alert™

School Zone Pedestrian Sign

K&K Systems' Sign Alert™ School Zone Pedestrian Signs are designed to warn drivers of entering school zones and to remind drivers to be cautious of pedestrians while approaching area. Whether in congested cities, or on rural and remote roadways, K&K Systems' Sign Alert School Zone Pedestrian Signs are visible in all weather conditions.

School Zone Sign Alert Systems operate with a programmable 7 day timer at top performance with our auto dimming and multi-stage battery charger features built into our smart controller. Our Sign Alert Systems have multiple options available to enhance their performance and to increase safety.

FEATURES

- Simple installation
- Solar powered
- Visible day and night
- Super bright LEDs
- Compact battery box
- Ultra slim design
- Automatic light output for maximum efficiency

Upgrade K&K Sign Alert School Zone Pedestrian Sign from five ultra bright LEDs to ten ultra-bright LEDs for an even more illuminating sign that is sure to warn drivers of entering a school zone and to be cautious of pedestrians.



*Shown on optional round aluminum pole.

Sign Alert™

School Zone Pedestrian Sign

Solar Powered

With solar technology, this system can virtually be placed anywhere off the grid. With the "off the shelf" battery and smart controller housed behind the solar panel, installation is a snap.

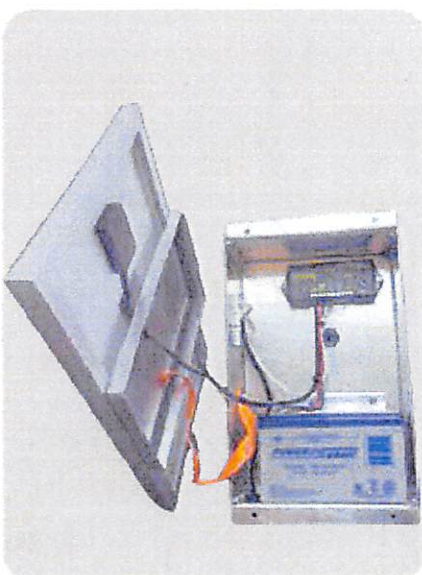
Reflective Sign

High intensity signage and MUTCD compliant. Can be upgraded to Diamond Grade.

Ultra-Bright LEDs

Our ultra bright LEDs are one of the brightest in the industry and are completely weather proof. The LEDs will adjust brightness according to available light in order to conserve energy and battery life and maximize brightness.

- All controls hidden behind solar panel
- Off the shelf battery
- Smart controller
- Maximum power point tracking
- Light weight design
- Multi-stage battery charger



Compact Battery Cabinet

CrossTalk:

control multiple signs

Diamond Grade Sheeting: for optimal reflectivity.

Additional LEDs: to increase sign's brightness and effectiveness, increase the number of LEDs from five to ten.

Wireless Activation Button wirelessly activate sign alerts with a push of a button

Key Switch: Activate sign alert with key switch for school officials

Optional Upgrades



*Shown on Round aluminum pole.

K&K Systems

Systems

QUOTATION

687 Palmetto Road
Tupelo, MS 38801
www.k-k-systems.com

email: cphillips@k-k-systems.com
Phone: Office 662-566-2025, Cell: 662-542-3182
Fax: 662-566-7123 TollFree: 888-414-3003

Quotation #: Q1812/21/2018
Quotation Date: 12/21/2018
Customer Type: Your Cost

Customer Contact: Richard L. Caudle, P.E.
Quote Valid: 45 days
Prepared by: Chip Phillips

| Bill To: | Ship To: |
|---|---|
| Name: Richard L. Caudle, P.E. Company Name: Skipper Consulting, Inc. Street Address: 3644 Vann Road Suite 100 Address 2: City, ST ZIP Code Birmingham, Alabama 35235 Tel: (205) 655-8855 Cell: (205) 790-4307 Fax: (205) 655-8825 email: richard@skipperinc.com | (Update if different than Bill To address) Name: Ronnie Vaughn Company Name: City of Mountain Brook Street Address: Public Works Department Address 2: 3579 East Street City, ST ZIP Code Birmingham, AL 35243 Tel: 205-802-3865 Cell: Fax: 205-967-2631 email: vaughnr@mtnbrook.org |

Product

| Model # | Description | Base Price |
|-----------------------|--|------------|
| S1-1-3636-DGYG-5-DC20 | School Zone Crossing Sign - 36", Diamond Grade, Yellow-Green, 5 LEDs, DC20 Solar pack with mounting bracket, SPLasher (controller) and 7 day programmable timer module with drop down box, 18a battery, Pentagon shaped. | \$940.74 |

Packaging

Pack On Pallet

Options and Accessories - PER UNIT

| QTY per Unit | Item # | Description | Price Each | Price per Unit |
|--------------|-------------|---|------------|----------------|
| 1 | ADD20W | Additional 20 watt solar panel. | \$151.85 | \$151.85 |
| 1 | ADDBAT12018 | Add battery pack - 18 amp, 12V, AGM battery, Dimensions: 7.13"x2.99"x6.54" | \$76.54 | \$76.54 |
| 1 | CCTS-12-2 | COMPLETE 12' GALVANIZED SQUARE POST KIT TO INCLUDE ALL MOUNTING HARDWARE. 12' crash tested 14 gauge; 2" with prepunched holes; 3' base (12 gauge; 2.25" with bolt); 5/16 x 2 1/2" bolt (set of 2 per sign). | \$80.25 | \$80.25 |

Special Notes

Terms of Purchase

FOB: Tupelo, MS 38801
Delivery (weeks): 4-6 Weeks
Warranty: 1 year limited warranty, Factory Depot
Credit Card Method of Payment: 3% Service Fee on all Transactions unless otherwise stated
Sales Person Signature: Chip Phillips
Sales Manager Signature: Timothy Keith

Per System Total: \$1,249.38
Total QTY of Systems: **2** **\$2,498.76**
Total Shipping Costs: \$400.00
Taxes:
GRAND TOTAL: \$2,898.76
Work Order# ENTER WO #
Client PO# ENTER PO #

Please note: The above specifications and quotation does not include shipping, permits, or taxes unless otherwise stated. The freight charge is an approximate estimate for your reference; the actual charge may vary. There will be an additional 3% charge on all credit card orders unless otherwise stated. *Lead-time committed is based on the date Purchase Order is received by K&K Systems and deposit made and/or credit approved. Lead time is not based on the date quoted.



Dana O. Hazen, AICP
Director of Planning, Building & Sustainability
56 Church Street
Mountain Brook, Alabama 35213
Telephone: 205/802-3821
Fax: 205.879.6913
hazend@mtnbrook.org
www.mtnbrook.org

DATE: January 4, 2019

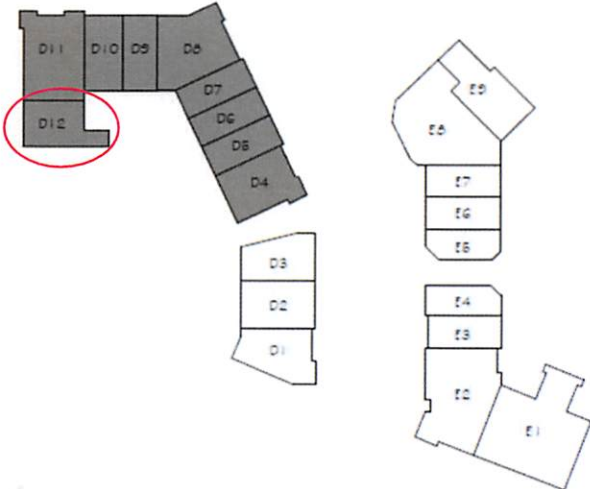
TO: Mayor, City Council & City Manager
FROM: Dana Hazen, City Planner

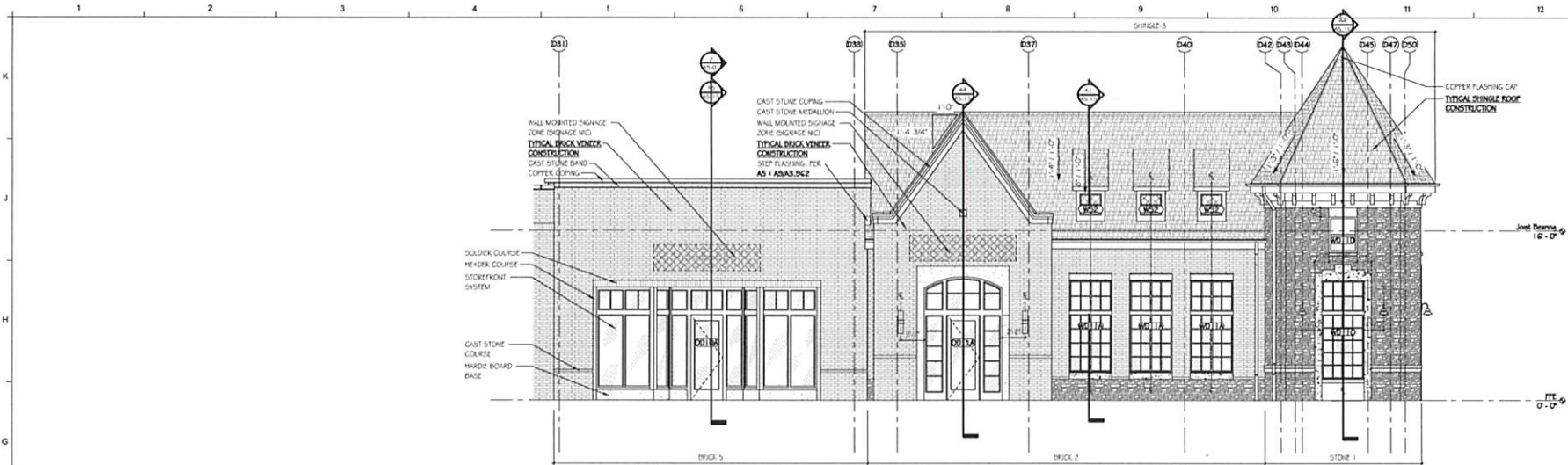
RE: Conditional Use – Lane Parke PUD
Business Office for John Evans

The Lane Parke PUD allows office uses by right in the “office/commercial use” (gray). Professional and business offices are permitted in the “retail use” area (red) only by council approval of a conditional use.

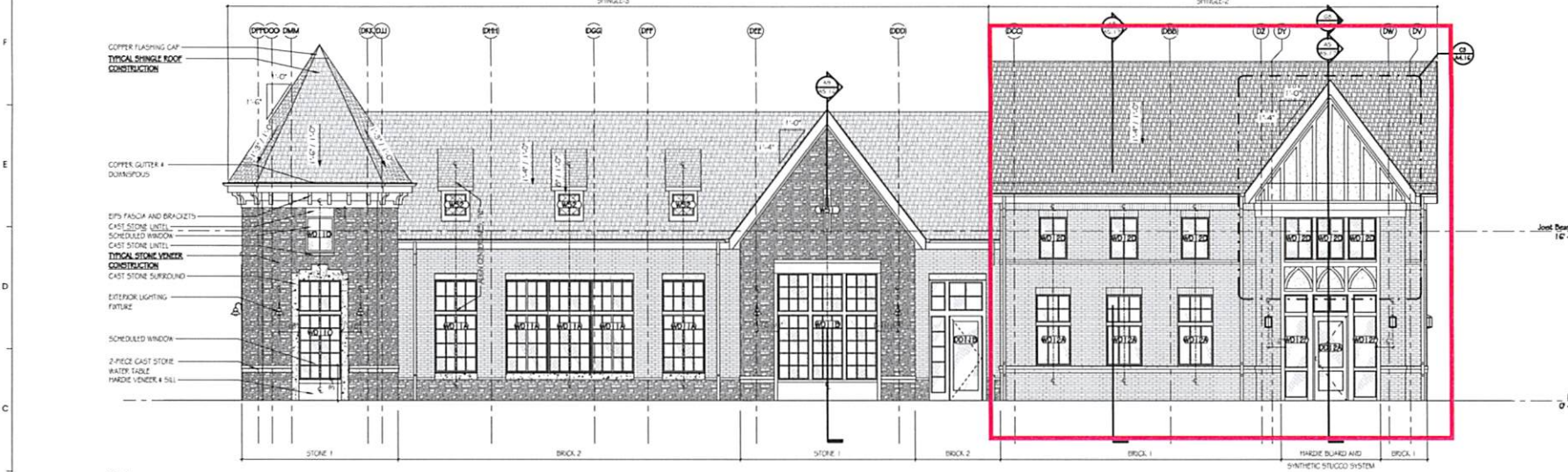


The proposed business office use for John Evans is located on the first and second floor of Building D12, with frontage on Lane Parke Road. Business hours are to be 8:00-5:00, Monday- Friday. There will be 3 full time people in the office (including Mr. Evans) and a 4th person will come in once a week.





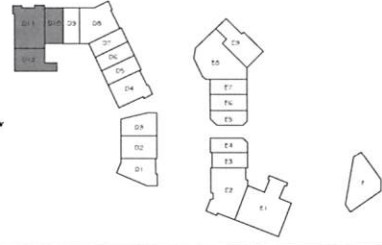
G4 NORTH - D10-11
SCALE: 1/4" = 1'-0"



B1 WEST - D11&12
SCALE: 1/4" = 1'-0"

| TYPICAL WALL CONSTRUCTION | | TYPICAL ROOF CONSTRUCTION | | |
|--|--|---|--|--|
| TYPICAL BRICK VENEER CONSTRUCTION | TYPICAL STONE VENEER CONSTRUCTION | TYPICAL MEMBRANE ROOF CONSTRUCTION | TYPICAL SHINGLE ROOF CONSTRUCTION | TYPICAL SLATE ROOF CONSTRUCTION |
| BRICK MASONRY VENEER MASONRY REINFORCED J-GIRD INSULATION - 1" MIN CONT AIR/WATER BARRIER | DRY STACK STONE VENEER MASSIVE FIELDED CAVITY 1" CONT RIGID INSULATION CONT AIR/WATER BARRIER | SINGLE PLY ROOF MEMBRANE SHIPPED RIGID INSULATION (WHERE PROVIDED) RIGID INSULATION - R-30, MIN METAL DECK | ARCHITECTURAL PONDING SHINGLES VERTICAL WIND BARRIERS RIGID INSULATION - R-30, MIN METAL DECK | SLATE PRODUCT (PER SPEC) 1/2" WATER SHIELD 7/8" PLYWOOD BASE RIGID INSULATION - R-30, MIN METAL DECK |

| VENEER AND SHINGLE LEGEND | |
|---------------------------|---|
| BRICK-1 | CLINGER SERIES - SOLID CHAMFERED - by FAGLAND CLAY PROD |
| BRICK-2 | GLASSIC SERIES - WINDYCENTER - by PINE HALL |
| BRICK-3 | CLINGER SERIES - OLDE BIRMINGHAM - by FAGLAND CLAY PROD |
| BRICK-4 | WIRE CUT - DAN RIVER - by PINE HALL |
| BRICK-5 | VELOUR - 1/2 BUFT (PAINTED MATCH PHASE 1) - by OVERBEEK |
| STONE-1 | MATCH STONE LAYOUT/COLOR/SIZE USED IN PHASE 1 |
| SHINGLE-1 | HERITAGE - BLACK WALNUT - by TAIKID |
| SHINGLE-2 | HERITAGE - SHADON GREY - by TAIKID |
| SHINGLE-3 | HERITAGE - GLACIER WHITE - by TAIKID |



2701 1st Avenue S
Birmingham, AL 35233
T 205.873.4462
GMCNETWORK.COM

| ISSUE DATE | REVISION |
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Lane Parke, Phase II
2525 Lane Park Rd
Mountain Brook, AL 35223
GMC # ABHM180010



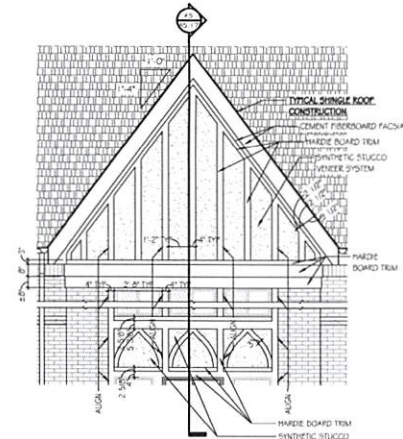
EXTERIOR ELEVATIONS-DLDGD

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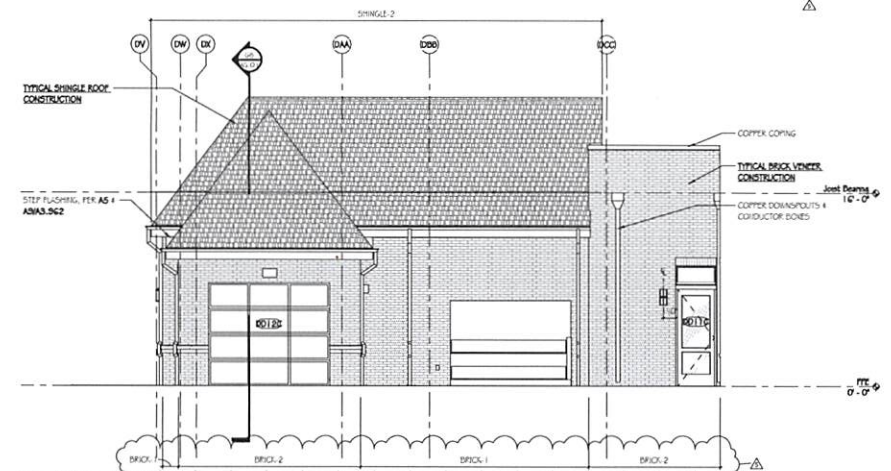
6/7/2018 10:54:43 PM



F5 SOUTH - D12
SCALE: 1/4" = 1'-0"



C3 D12 Gable
SCALE: 3/8" = 1'-4"

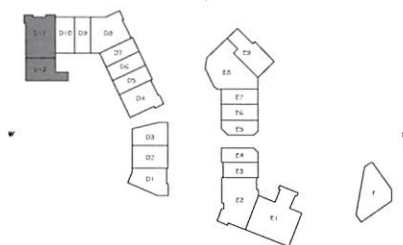


C7 BOH - D12&11
SCALE: 1/4" = 1'-4"

| TYPICAL WALL CONSTRUCTION | TYPICAL STONE VENEER CONSTRUCTION | TYPICAL ROOF CONSTRUCTION |
|--|--|--|
| TYPICAL BRICK VENEER CONSTRUCTION BRICK MASONRY VENEER MASONRY ANCHORS R-50 INSULATION - 1" MIN CONT. AIR/WATER BARRIER | TYPICAL STONE VENEER CONSTRUCTION DRY STACK STONE VENEER MORTAR FILLED CAVITY 1" CONT. CAVITY DRAINAGE NETTING 1" CONT. RIGID INSULATION CONT. AIR/WATER BARRIER | TYPICAL MEMBRANE ROOF CONSTRUCTION SHINGLE FLY ROOF MEMBRANE TAPERED RIGID CROCKETS (WHERE REQ'D) R-50 INSULATION - R-30 MIN METAL DECK |
| | | TYPICAL SHINGLE ROOF CONSTRUCTION ARCHITECTURAL ROOFING SHINGLES VENTED NAJL BASE R-50 INSULATION - R-30, MIN METAL DECK |
| | | TYPICAL SLATE ROOF CONSTRUCTION SLATE PRODUCT (PER SPEC) IC/WATER SHIELD 7/8" PL/1/2"OOD BASE R-50 INSULATION - R-30, MIN METAL DECK |

VENEER AND SHINGLE LEGEND

| | |
|-----------|--|
| BRICK-1 | CLIPPER SERIES - SOLID CHAMFERED - by ENGLAND CLAY PROD. |
| BRICK-2 | CLASSIC SERIES - WINCHESTER - by FINE HALL |
| BRICK-3 | CLIPPER SERIES - OLDE BIRMINGHAM - by ENGLAND CLAY PROD. |
| BRICK-4 | WIRE CUE - DAN EVER - by FINE HALL |
| BRICK-5 | VELOUR - MID BUFF PAINTED, MATCH PHASE 11 - by OVERKOEZ |
| STONE-1 | MATCH STONE LAYOUT/COLOR/SIZE USED BY PHASE 1 |
| SHINGLE-1 | HERITAGE - BLACK WILLOW - by TAMPO |
| SHINGLE-2 | HERITAGE - SHADOW GREY - by TAMPO |
| SHINGLE-3 | HERITAGE - GLACIER WHITE - by TAMPO |



GMC

2701 1st Avenue S
Birmingham, AL 35233
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gmcnetwork.com

Lane Park, Phase II
2525 Lane Park Rd
Mountain Brook, AL 35223
GMC # ABHM180010

EXTERIOR ELEVATIONS - DLDG D
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ISSUE DATE
1. REVISED 02/28/24
2. ADDENDUM #1 02/28/24
3. ADDENDUM #2 02/28/24
4. ADDENDUM #3 02/28/24
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CHECKED BY: VLO.3

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