# VILLAGE OF NEWTOWN

HAMILTON COUNTY, OHIO

# McCULLOUGH RUN REMEDIATION

231072



# **VILLAGE OFFICIALS**

**MAYOR** 

MARK G. KOBASUK

VILLAGE COUNCIL

CHUCK SHORT - VICE MAYOR

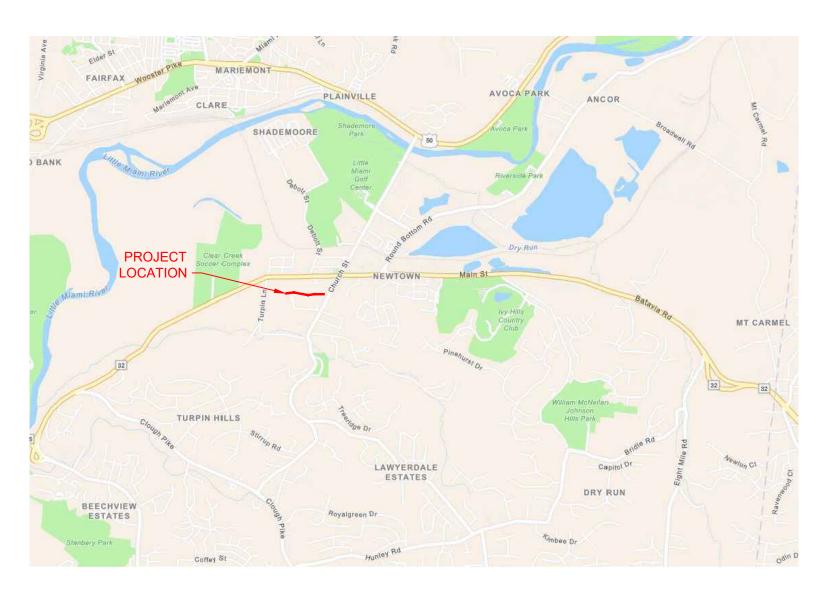
TERRY FAIRLEY

DARYL ZORNES

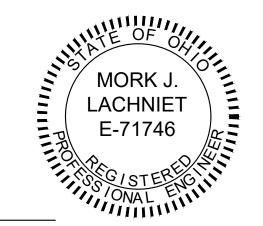
**PEG QUALLEN** 

**JERRY SCHWAB** 

JEFF DRESCHER



**VICINITY MAP** 



MORK J LACHNIET, PE

PE #71746

# SOURCE INFORMATION

FIELD SURVEY PERFORMED BY CT CONSULTANTS IN JULY 2023

# OHIO DEPARTMENT OF TRANSPORTATION (ODOT)

THE CURRENT EDITION OF THE OHIO DEPARTMENT OF TRANSPORTAION (ODOT) STANDARD CONSTRUCTION DRAWINGS ARE HEREBY MADE PART OF THESE PLANS.

# **PROJECT SPECIFICATIONS**

IN GENERAL, THE PROJECT SPECIFICATIONS CONFORM TO THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO. THE PROJECT SPECIFICATIONS, UNDER SEPERATE COVER, PREPARED BY CT CONSULTANTS SHALL GOVERN ALL WORK AND MATERIALS FOR THIS PROJECT.

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	your trusted advis	consultant	)	•
DATE				
REVISION				

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DISCIPLINE								
CIVIL								

SHEET NAME
C01



# **GENERAL NOTES** ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE LATEST EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS AND THE CITY OF CINCINNATI STANDARD DRAWINGS. ALL DISTURBED AREAS ARE TO BE RESTORED (SEEDED, MULCHED, FOR REMOVING ANY EXCESS MATERIALS AT THE SITE AND MAINTAINING ALL SEEDED AND MULCHED AREAS UNTIL PROJECT

- AND FERTILIZED) BY THE CONTRACTOR AND SHALL PROCEED WITH JOB PROGRESSION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE COMPLETION AND FINAL INSPECTION BY THE ENGINEER. A RESIDENTIAL YARD SHALL BE RESTORED WITHIN TWENTY-ONE (21) DAYS AFTER CONSTRUCTION. THIS WORK SHALL BE INCIDENTAL TO THE OVERALL CONTRACT. THE OWNER/ENGINEER SHALL DETERMINE ALL AREAS REQUIRING SEEDING, MULCHING, AND FERTILIZER PERTINENT TO THIS CONTRACT.
- ALL APPLICABLE RECOMMENDATIONS IN OHIO RAINWATER AND LAND **DEVELOPMENT MANUAL SHALL BE FOLLOWED BY THE CONTRACTOR.** INCLUDING SEEDING OF DISTURBED GROUND.
- THE CONTRACTOR SHALL LIMIT THEIR WORK AREA AS MUCH AS FEASIBLE. SITE LOGISTIC PLANS THAT INCLUDE SCHEDULE AND DURATIONS SHALL BE PREPARED AND AGREED UPON BY THE PROPERTY OWNER, VILLAGE AND CONTRACTOR. ANY CHANGES TO THE PROPOSED SCHEDULE OR LOCATION OF IMPROVEMENTS SHALL BE AGREED UPON BY THE PROPERTY OWNER, VILLAGE AND CONTRACTOR.
- ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS SHALL BE FOLLOWED DURING CONSTRUCTION.
- NO CONSTRUCTION SHALL COMMENCE UNTIL ALL COUNTY, STATE AND VILLAGE OF NEWTOWN PERMITS HAVE BEEN ISSUED.
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT OF WAY WITH THE VILLAGE OF NEWTOWN. LOCAL TRAFFIC MUST BE MAINTAINED TO THE GREATEST EXTEND FEASIBLE.

### MATERIALS AND SPECIFICATIONS

UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW, AND BOTH WORKMANSHIP AND MATERIALS SHALL BE OF PREMIUM QUALITY, PROPER AND SUFFICIENT FOR THE PURPOSE INDICATED. THE CONTRACTOR SHALL FURNISH, UPON REQUEST, SATISFACTORY EVIDENCE AS TO TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP.

ALL ITEMS AND/OR MATERIAL PROPOSED BY THE CONTRACTOR FOR SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER AND OWNER IN WRITING AND SHALL BE EQUAL OR SUPERIOR TO THE ITEMS SPECIFIED IN THE CONTRACT DOCUMENTS. IF SAID SUBSTITUTION PROPOSED BY THE CONTRACTOR FOR A SPECIFIED ITEM REQUIRES ENGINEERING REVISIONS, THE TOTAL EXPENSE OF SAID REVISIONS SHALL BE PAID BY THE CONTRACTOR.

ANY ITEMS OF LABOR AND MATERIALS REQUIRED BUT NOT SHOWN AS A SEPARATE PAY ITEM IN THE PROPOSAL SHALL BE FURNISHED AND INSTALLED AS INCIDENTAL TO THE CONTRACT. EXCEPT AS NOTED IN THE PLANS AND SPECIFICATIONS.

THE CONTRACTOR SHALL INCLUDE THE COST OF ALL REQUIRED TESTS IN THE UNIT PRICE BID FOR THE PERTINENT ITEM AND NO SEPARATE COMPENSATION IS TO BE MADE FOR SAID TESTING.

## RESPONSIBILITY

T SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM THEIR WORK IN SUCH A MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FEATURE, (I.E. EXISTING INLETS, CONDUITS, ETC.) WHICH IS NOT MARKED FOR REPLACEMENT OR REMOVAL. IF ANY SUCH DAMAGE DOES OCCUR DUE TO THE OPERATIONS OF THE CONTRACTOR, THEY SHALL REPLACE THE DAMAGED PORTION AT THEIR EXPENSE.

THE CONTRACTOR SHALL VIDEO AND PHOTO DOCUMENT EXISTING CONDITIONS PRIOR TO BEGINNING WORK ON THE PROJECT.

N SOME INSTANCES, THE CONTRACTOR WILL BE REQUIRED TO EXCAVATE JNDER AND AROUND THE EXISTING UTILITIES. EXTREME CARE SHOULD BE JSED NOT TO DAMAGE THE UTILITY DURING THIS OPERATION.

### STORM WATER POLLUTION, EROSION CONTROL AND DUST CONTROL

THE CONTRACTOR SHALL TAKE EXTREME CARE AND UTILIZE BEST MANAGEMENT PRACTICES TO CONTROL SEDIMENT AND EROSION DURING THE PROJECT AND TO PREVENT UNNECESSARY EROSION AND SILTATION AT ALL POINTS OF THE PROJECT. TEMPORARY SEEDING AND MULCHING: STRAW BALES, SLOPE DRAINS, SILT FENCE, INLET PROTECTION, ETC., SHALL BE USED AS NECESSARY OR AS DIRECTED BY THE OWNER/ENGINEER, THE COST OF WHICH SHALL BE INCIDENTAL TO THE OVERALL CONTRACT PRICE.

DUST SHALL BE KEPT TO A MINIMUM. COST OF EQUIPMENT, WATER, LABOR AND MATERIAL, ETC. REQUIRED TO PERFORM DUST CONTROL SHALL BE INCIDENTAL TO THE OVERALL BID PRICE.

# **COORDINATION WITH OTHER CONTRACTORS**

OTHER CONTRACTORS AND/OR UTILITY COMPANIES MAY BE WORKING IN THIS AREA CONCURRENT WITH THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH ALL OTHER CONTRACTORS IN THE AREA.

## DOWN TIME DUE TO FIELD CONFLICTS

DURING THE CONSTRUCTION ACTIVITIES OF THIS PROJECT, THERE MAY BE TIMES WHEN THE CONSTRUCTION IN SOME AREAS MAY NEED TO BE SUSPENDED PENDING RESPONSE ON, OR RESOLUTION TO AN ISSUE FROM THE OWNER AND/OR ENGINEER. THE CONTRACTOR, IN THIS CASE SHALL MOVE THE CREWS AND EQUIPMENT TO WORK IN A DIFFERENT AREA OR ON A DIFFERENT TASK. COST OF MOBILIZING AND DEMOBILIZING OF THE CONTRACTORS WORK CREWS AND EQUIPMENT INCLUDING "DOWNTIME" SHALL BE INCIDENTAL TO THE OVERALL BID PRICE FOR THIS PROJECT.

THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES (GAS, WATER, STORM SEWER, SANITARY SEWER, TELEPHONE, ELECTRIC, ETC.). THE PREPARER DOES NOT GUARANTEE THEIR ACCURACY OR CORRECTNESS. THE UTILITY INFORMATION PROVIDED ON THE PLANS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE UTILITY AS WELL AS THE SERVICE LATERALS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PRACTICE CARE DURING THE GRADING AND TRENCH EXCAVATION AND SHALL BE RESPONSIBLE FOR REPLACING ANY SERVICES THAT ARE DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.

**UTILITY NOTES** 

- PRIOR TO ANY EXCAVATION OVER AN EXISTING UTILITY LINE OR SERVICE, CONTRACTOR SHALL HAND EXCAVATE TO EXPOSE THE UTILITY AND DETERMINE LOCATION AND DEPTH. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS.
- FORTY-EIGHT (48) HOURS BEFORE EXCAVATION IS TO COMMENCE. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES: THE OHIO UTILITY PROTECTION SERVICE AND ALL OTHER UTILITIES THAT MAY HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NON-MEMBERS OF OHIO UNDERGROUND PROTECTION.

WITHIN 10 DAYS OF THE AWARD OF THE CONTRACT, THE OWNER SHALL NOTIFY ALL UTILITIES OF THE NAME, ADDRESS AND PHONE NUMBER OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE REGISTERED UNDERGROUND UTILITY PROTECTION SERVICE AND NON-MEMBER OWNERS OF THE STARTING DATE AT LEAST TWO WORKING DAYS PRIOR TO STARTING WORK. THE UTILITY SHALL MARK, STAKE OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND FACILITIES WITHIN 48 HOURS OF RECEIVING THE CONTRACTORS NOTICE OF A STARTING DATE. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO DAYS AHEAD OF THE PLANNED CONSTRUCTION.

DURING CONSTRUCTION, THE CONTRACTOR SHALL REPORT IMMEDIATELY TO THE OWNERS OF THE UNDERGROUND FACILITIES ANY BREAK OR LEAK IN THE FACILITIES, OR ANY DENT, GOUGE, GROOVE OR OTHER DAMAGE. THE CONTRACTOR SHALL NOTIFY NEARBY OCCUPANTS OF ANY EMERGENCY SITUATION THAT MAY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY ACTIVITIES AND SCHEDULES.

CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STORM AND SANITARY SEWER FLOW THROUGHOUT THE PROJECT. FOR THE DURATION OF CONSTRUCTION. ALL COST FOR THE ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

### **REVIEW OF DRAINAGE FACILITIES**

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE VILLAGE OF NEWTOWN, THE CONTRACTOR WITH THE OWNER AND ENGINEER OR FIELD INSPECTOR SHALL MAKE AN INSPECTION OF THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTIONS SHALL BE KEPT IN WRITING BY THE CONTRACTOR.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE VILLAGE.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN

# ELECTRIC

**DUKE ENERGY** 139 E. FOURTH STREET ROOM 467, ANNEX CINCINNATI, OH 45201 513-287-2689

THE WORK LIMITS OF THIS PROJECT:

**DUKE ENERGY** 139 E. FOURTH STREET ROOM 460-A

CINCINNATI, OH 45201

513-287-2762 **TELEPHONE** CINCINNATI BELL TELEPHONE COMPANY

201 E. FOURTH STREET BLDG. 121-900 CINCINNATI, OHIO 45201 513-565-7043

METROPOLITAN SEWER DISTRICT OF **GREATER CINCINNATI** 1600 GEST STREET CINCINNATI, OHIO 45204

513-557-7167 **CABLE TV** 

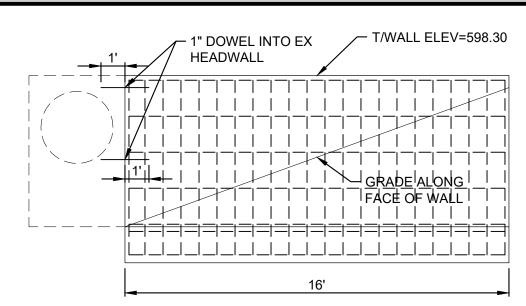
CHARTER 10920 KENWOOD ROAD CINCINNATI, OHIO 45242 513-386-5918

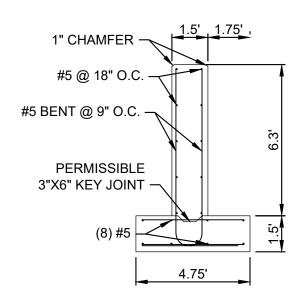
WATER GREATER CINCINNATI WATER WORKS 4747 SPRING GROVE AVENUE

> CINCINNATI, OHIO 45232 513-591-5007 **STORM** VILLAGE OF NEWTOWN 3537 CHURCH STREET

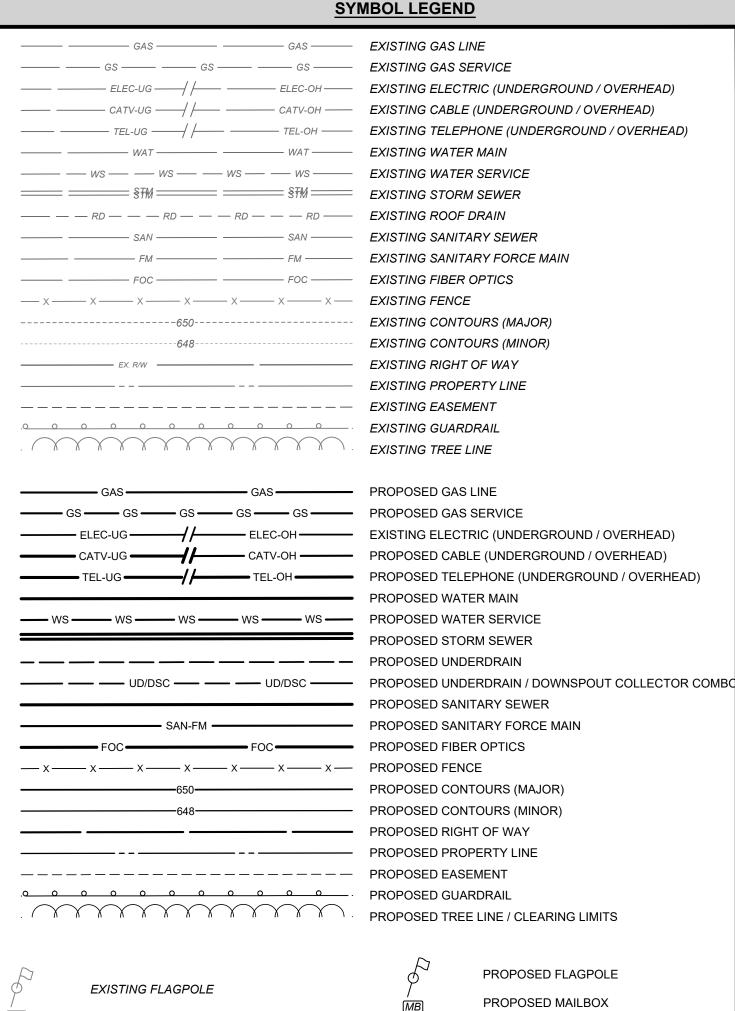
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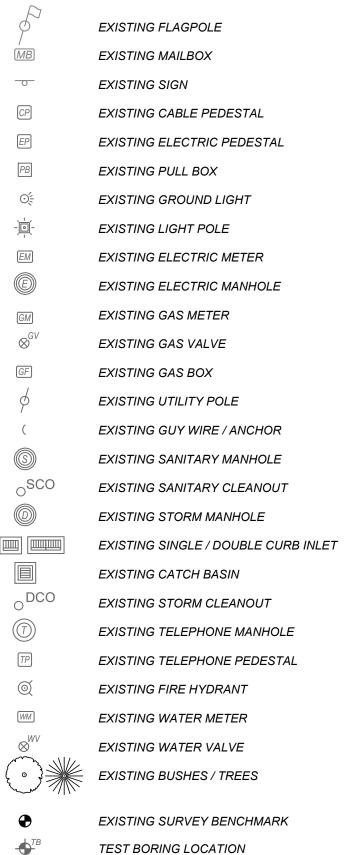
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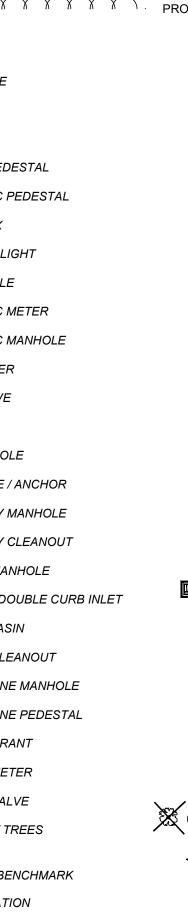


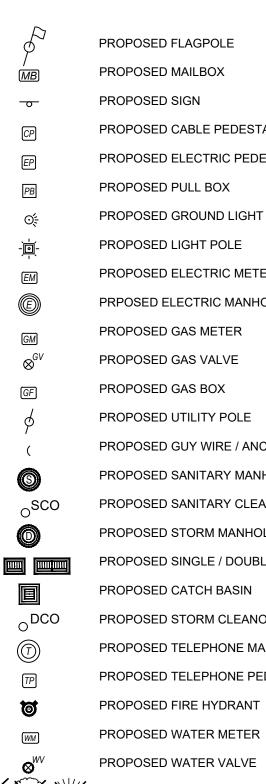


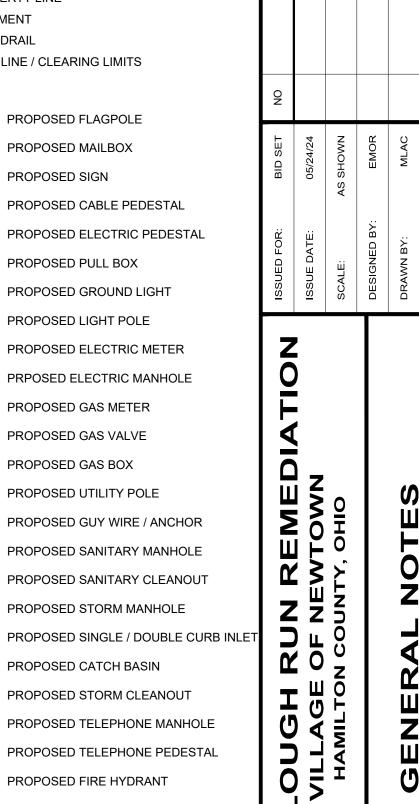
**HEADWALL EXTENSION DETAIL** 











REMOVE EXISTING BUSH / TREE

PROPOSED SLOPE DIRECTION

PROJECT NO. 231072 DISCIPLINE CIVIL SHEET NAME C02

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