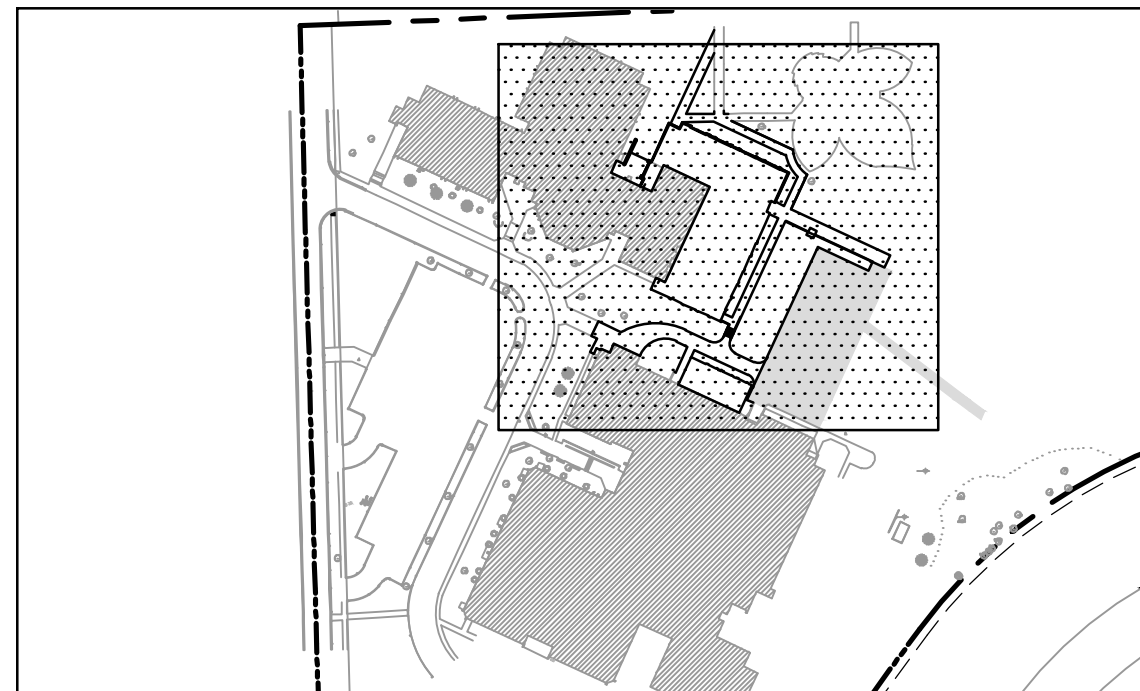
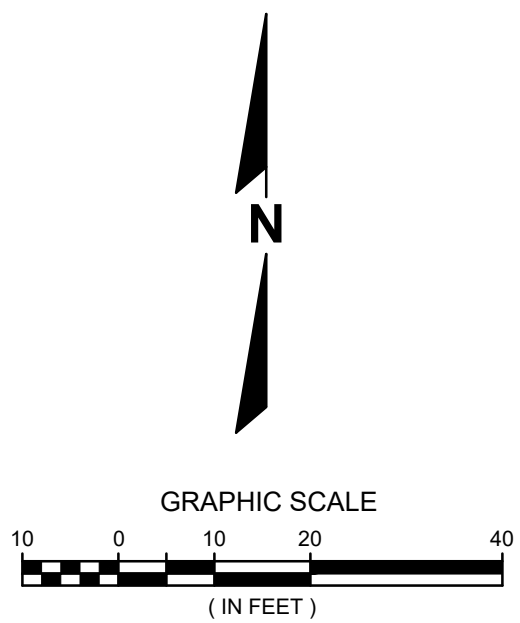
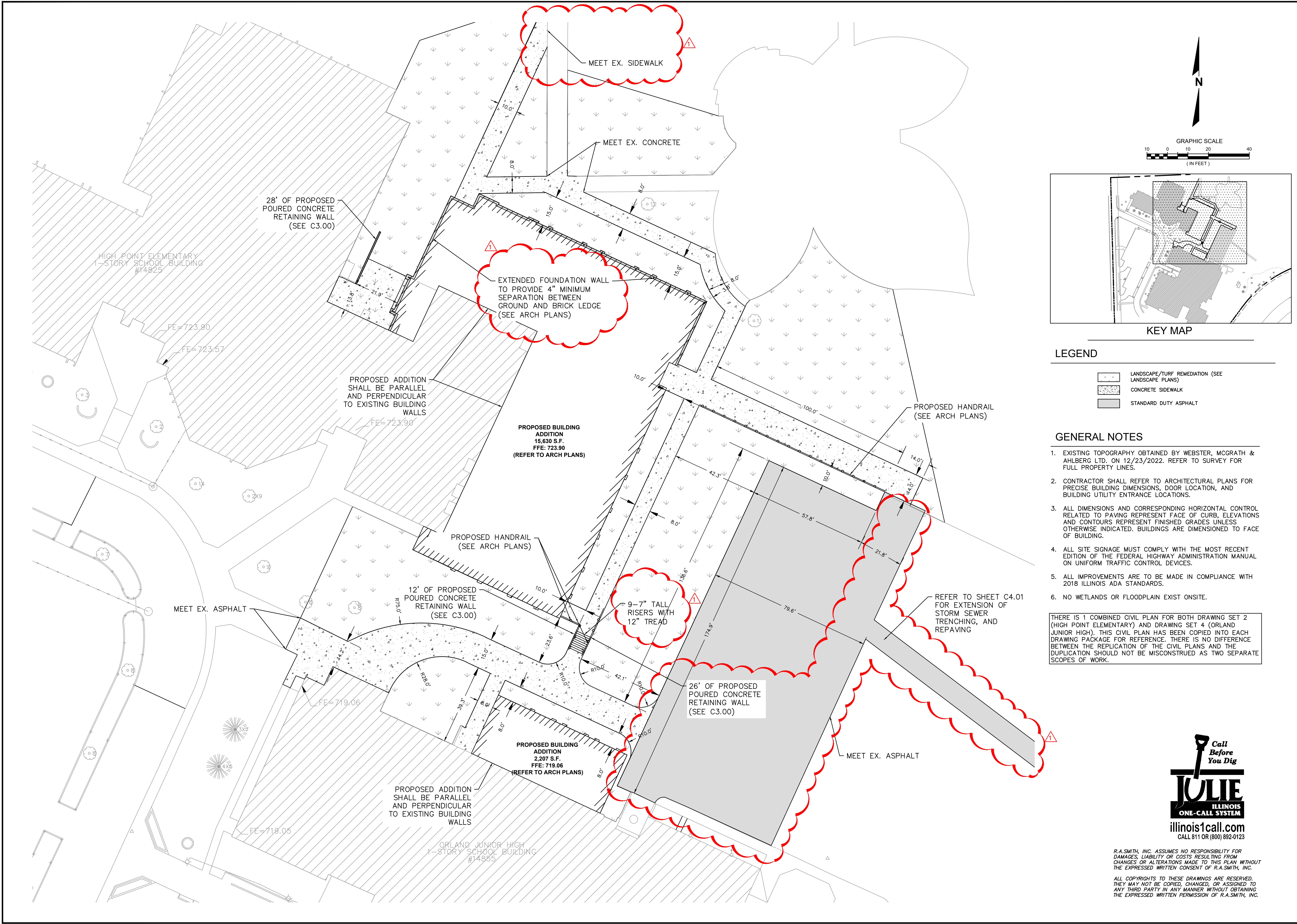


N:\220224\Drawings\Sheets\High Point & Orland JUNIOR HIGH HP SITE PLAN, 3/17/2023 11:35:59 AM, .jbg



- LEGEND**
- LANDSCAPE/TURF REMEDIATION (SEE LANDSCAPE PLANS)
  - CONCRETE SIDEWALK
  - STANDARD DUTY ASPHALT

- GENERAL NOTES**
- EXISTING TOPOGRAPHY OBTAINED BY WEBSTER, MCGRATH & AHLBERG LTD. ON 12/23/2022. REFER TO SURVEY FOR FULL PROPERTY LINES.
  - CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR PRECISE BUILDING DIMENSIONS, DOOR LOCATION, AND BUILDING UTILITY ENTRANCE LOCATIONS.
  - ALL DIMENSIONS AND CORRESPONDING HORIZONTAL CONTROL RELATED TO PAVING REPRESENT FACE OF CURB, ELEVATIONS AND CONTOURS REPRESENT FINISHED GRADES UNLESS OTHERWISE INDICATED. BUILDINGS ARE DIMENSIONED TO FACE OF BUILDING.
  - ALL SITE SIGNAGE MUST COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  - ALL IMPROVEMENTS ARE TO BE MADE IN COMPLIANCE WITH 2018 ILLINOIS ADA STANDARDS.
  - NO WETLANDS OR FLOODPLAIN EXIST ONSITE.

THERE IS 1 COMBINED CIVIL PLAN FOR BOTH DRAWING SET 2 (HIGH POINT ELEMENTARY) AND DRAWING SET 4 (ORLAND JUNIOR HIGH). THIS CIVIL PLAN HAS BEEN COPIED INTO EACH DRAWING PACKAGE FOR REFERENCE. THERE IS NO DIFFERENCE BETWEEN THE REPLICATION OF THE CIVIL PLANS AND THE DUPLICATION SHOULD NOT BE MISCONSTRUED AS TWO SEPARATE SCOPES OF WORK.



R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

CIVIL CONSULTANT:  
(P) 630.6053172

STRUCTURAL CONSULTANT:  
(P) 630.3410549  
(P) 630.3510864

MEP CONSULTANT:  
(P) 312.982050

111 E. DuSable Road, Suite 102  
Naperville, Illinois 60563

**Larson Engineering, Inc.**

PROFESIONAL ENGINEERING  
111 E. DuSable Road, Suite 102  
Naperville, Illinois 60563

**ORLAND SCHOOL DISTRICT 135**

**2023 ADDITIONS AND RENOVATIONS AT:**

**HIGH POINT ELEMENTARY SCHOOL & ORLAND JUNIOR HIGH**

**14825 & 14855 WEST AVENUE, ORLAND PARK, IL 60462**

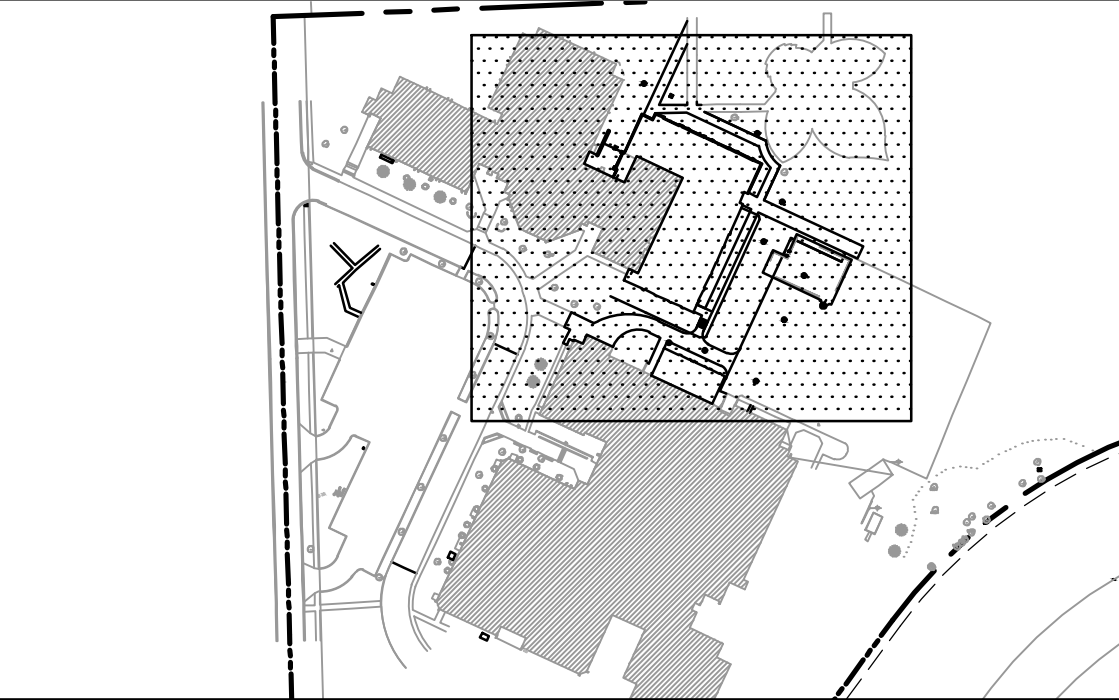
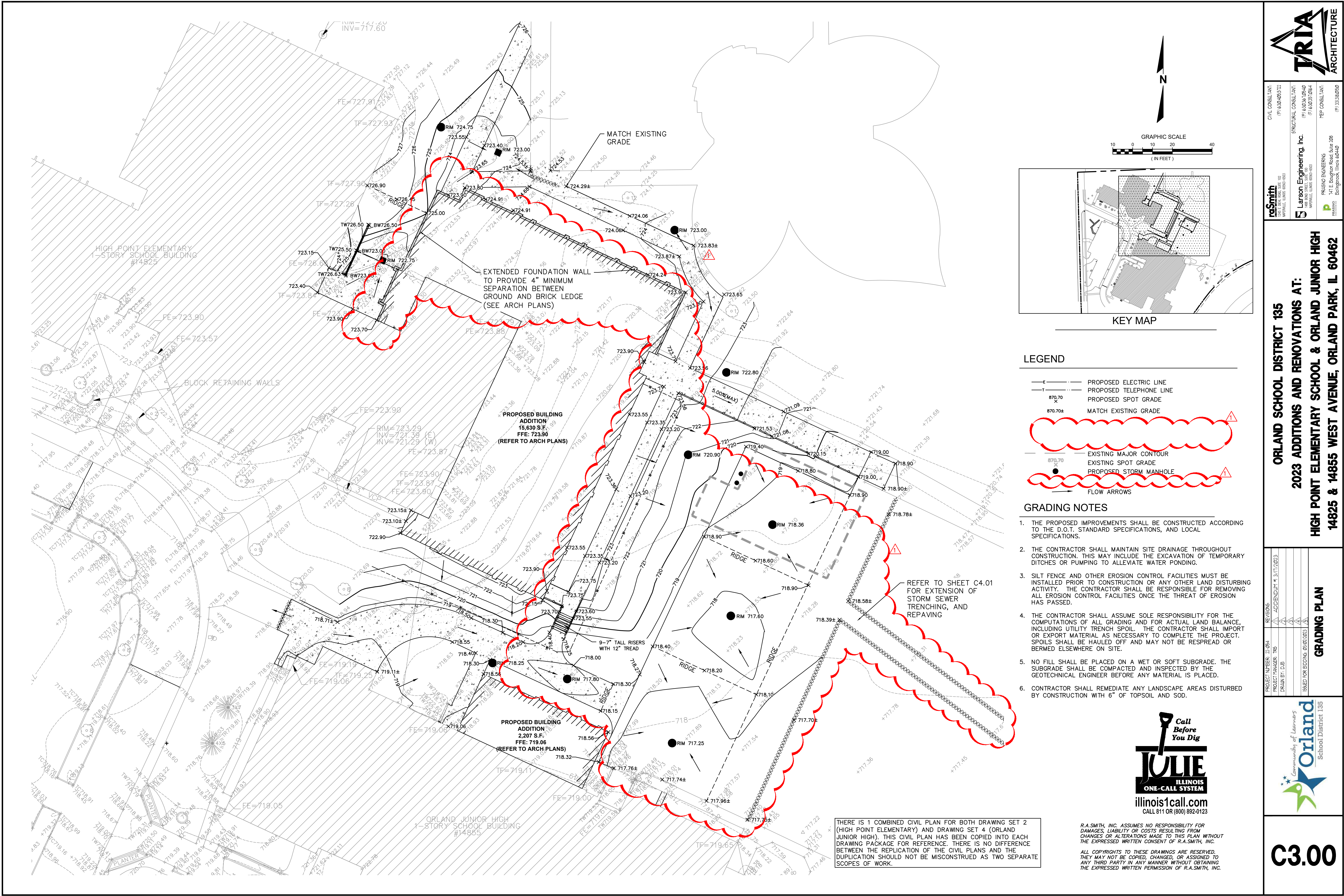
|                          |                                |
|--------------------------|--------------------------------|
| PROJECT NUMBER: 21-084   | ISSUED FOR BIDDING: 01/02/2023 |
| PROJECT MANAGER: TNS     | DATE: 01/02/2023               |
| DRAWN BY: DJB            |                                |
| APPROVED BY: [Signature] |                                |

**DIMENSIONAL SITE PLAN**

Community of Learners  
**Orland**  
School District 135

**C2.00**





**LEGEND**

- PROPOSED ELECTRIC LINE
- PROPOSED TELEPHONE LINE
- PROPOSED SPOT GRADE
- MATCH EXISTING GRADE
- EXISTING MAJOR CONTOUR
- EXISTING SPOT GRADE
- PROPOSED STORM MANHOLE
- FLOW ARROWS

- GRADING NOTES**
- THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE D.O.T. STANDARD SPECIFICATIONS, AND LOCAL SPECIFICATIONS.
  - THE CONTRACTOR SHALL MAINTAIN SITE DRAINAGE THROUGHOUT CONSTRUCTION. THIS MAY INCLUDE THE EXCAVATION OF TEMPORARY DITCHES OR PUMPING TO ALLEVIATE WATER PONDING.
  - SILT FENCE AND OTHER EROSION CONTROL FACILITIES MUST BE INSTALLED PRIOR TO CONSTRUCTION OR ANY OTHER LAND DISTURBING ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL FACILITIES ONCE THE THREAT OF EROSION HAS PASSED.
  - THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING AND FOR ACTUAL LAND BALANCE, INCLUDING UTILITY TRENCH SPOIL. THE CONTRACTOR SHALL IMPORT OR EXPORT MATERIAL AS NECESSARY TO COMPLETE THE PROJECT. SPOILS SHALL BE HAULED OFF AND MAY NOT BE RESPAID OR BERMED ELSEWHERE ON SITE.
  - NO FILL SHALL BE PLACED ON A WET OR SOFT SUBGRADE. THE SUBGRADE SHALL BE COMPACTED AND INSPECTED BY THE GEOTECHNICAL ENGINEER BEFORE ANY MATERIAL IS PLACED.
  - CONTRACTOR SHALL REMEDIATE ANY LANDSCAPE AREAS DISTURBED BY CONSTRUCTION WITH 6" OF TOPSOIL AND SOD.



THERE IS 1 COMBINED CIVIL PLAN FOR BOTH DRAWING SET 2 (HIGH POINT ELEMENTARY) AND DRAWING SET 4 (ORLAND JUNIOR HIGH). THIS CIVIL PLAN HAS BEEN COPIED INTO EACH DRAWING PACKAGE FOR REFERENCE. THERE IS NO DIFFERENCE BETWEEN THE REPLICATION OF THE CIVIL PLANS AND THE DUPLICATION SHOULD NOT BE MISCONSTRUED AS TWO SEPARATE SCOPES OF WORK.

R.A.SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN, WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.SMITH, INC.  
ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.SMITH, INC.

**ORLAND SCHOOL DISTRICT 135**

**2023 ADDITIONS AND RENOVATIONS AT:**

**HIGH POINT ELEMENTARY SCHOOL & ORLAND JUNIOR HIGH**

**14825 & 14855 WEST AVENUE, ORLAND PARK, IL 60462**

**GRADING PLAN**

PROJECT NUMBER: 21-024  
PROJECT MANAGER: TNS  
DESIGN BY: DJB

ISSUED FOR BIDDING: 09/02/2023

**Call Before You Dig**  
**JULIE**  
ILLINOIS  
ONE-CALL SYSTEM  
illinois1call.com  
CALL 811 OR (800) 892-0123

**C3.00**

**reSmith**  
175 E. BURNHAM AVE. 102  
MORTDALE, ILLINOIS 60451

**Larson Engineering, Inc.**  
11 E. Douglas Road, Suite 202  
Bolingbrook, Illinois 60440

**TRIA**  
ARCHITECTURE

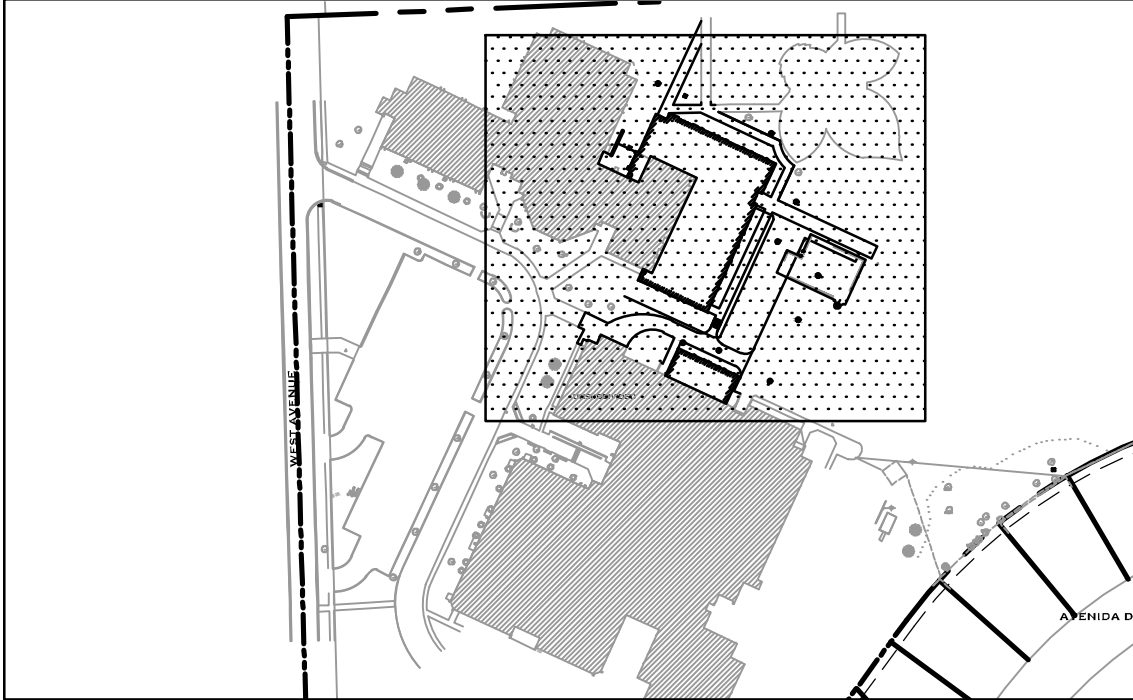
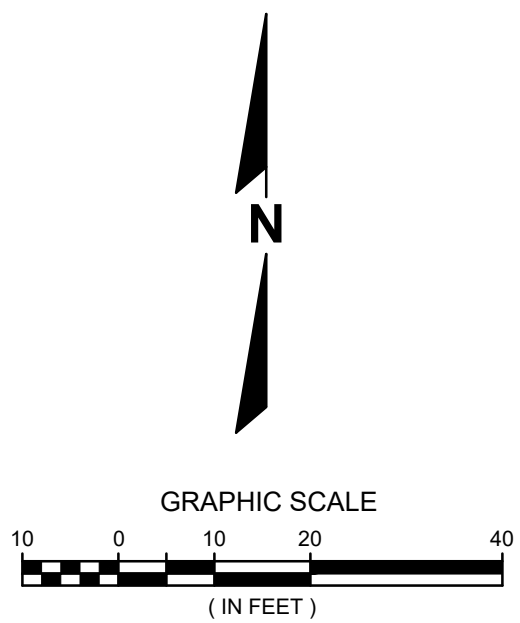
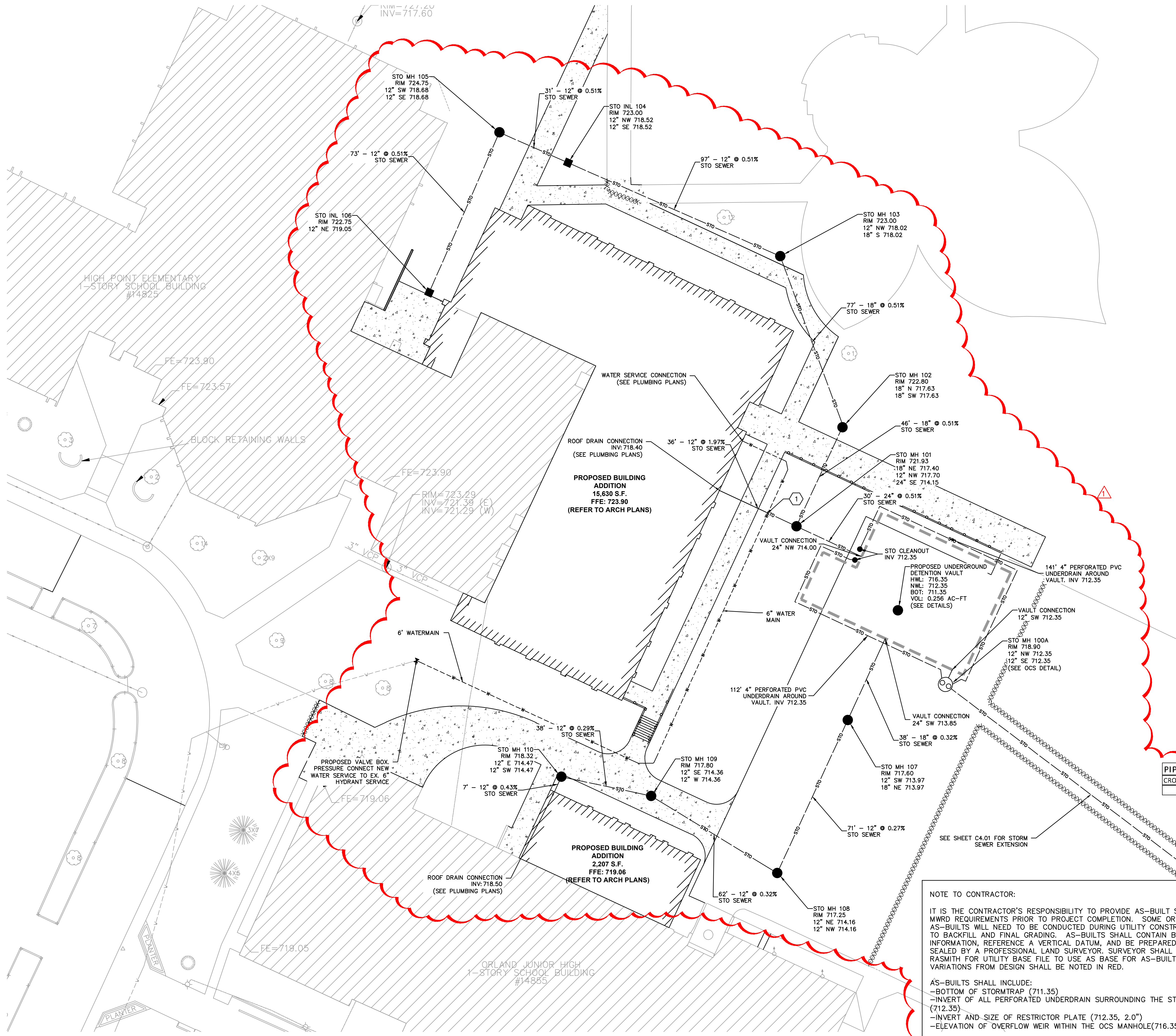
CIVIL CONSULTANT:  
(P) 630.465.7172

STRUCTURAL CONSULTANT:  
(P) 630.341.0549  
(P) 630.351.0864

MEP CONSULTANT:  
(P) 312.960.9590



N:\220224\Drawings\High Point & Orland JUNIOR HIGH HP UTILITY PLAN, 3/17/2023 11:36:37 AM.dwg, HP UTILITY PLAN, 3/17/2023 11:36:37 AM.dwg



LEGEND

- PROPOSED STORM STRUCTURE
- STO --- PROPOSED STORM SEWER
- W --- PROPOSED WATER MAIN

UTILITY NOTES:

- BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE SIZE, LOCATION AND ELEVATION OF ALL UTILITIES. CONTACT ENGINEER FOR POSSIBLE REDESIGN IF EXISTING PIPE SIZES OR INVERTS VARY FROM THIS PLAN.
- PROVIDE GRANULAR BACKFILL FOR SEWER UNDERNEATH AND WITHIN 5' OF ALL PAVED AND PLAYGROUND AREAS. PROVIDE SPOIL BACKFILL FOR SEWER 5' OUTSIDE OF PAVED AREAS.
- AREA INLET FRAMES AND GRATES SHALL BE NEENAH R-2504 TYPE C OR EQUIVALENT. ALL CLEANOUTS SHALL BE EQUIP WITH A PANELLA TYPE LOCKING CAP AT GRADE
- ALL PIPE LENGTHS ARE TO CENTER OF EXISTING OR PROPOSED STRUCTURE.
- RIM ELEVATIONS ARE SHOWN AT CENTER OF STRUCTURE.
- CONTRACTOR SHALL FIELD ADJUST ALL EXISTING UTILITY STRUCTURES TO PROPOSED GRADE WITHIN THE PROJECT LIMITS.

THERE IS 1 COMBINED CIVIL PLAN FOR BOTH DRAWING SET 2 (HIGH POINT ELEMENTARY) AND DRAWING SET 4 (ORLAND JUNIOR HIGH). THIS CIVIL PLAN HAS BEEN COPIED INTO EACH DRAWING PACKAGE FOR REFERENCE. THERE IS NO DIFFERENCE BETWEEN THE REPLICATION OF THE CIVIL PLANS AND THE DUPLICATION SHOULD NOT BE MISCONSTRUED AS TWO SEPARATE SCOPES OF WORK.

| PIPE CROSSING TABLE |                    |         |        |                    |       |        |                 |
|---------------------|--------------------|---------|--------|--------------------|-------|--------|-----------------|
| CROSSING I.D.       | BOTTOM OF TOP PIPE |         |        | TOP OF BOTTOM PIPE |       |        | SEPARATION (FT) |
| 1                   | STO                | PVC 12" | 717.93 | WAT                | DI 6" | 716.43 | 1.50            |

NOTE TO CONTRACTOR:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AS-BUILT SURVEY PER THE MWRD REQUIREMENTS PRIOR TO PROJECT COMPLETION. SOME OR ALL OF THE AS-BUILTS WILL NEED TO BE CONDUCTED DURING UTILITY CONSTRUCTION, PRIOR TO BACKFILL AND FINAL GRADING. AS-BUILTS SHALL CONTAIN BENCHMARK INFORMATION, REFERENCE A VERTICAL DATUM, AND BE PREPARED, SIGNED, AND SEALED BY A PROFESSIONAL LAND SURVEYOR. SURVEYOR SHALL CONTACT RASMITH FOR UTILITY BASE FILE TO USE AS BASE FOR AS-BUILT DRAWING. ANY VARIATIONS FROM DESIGN SHALL BE NOTED IN RED.

- AS-BUILTS SHALL INCLUDE:
- BOTTOM OF STORMTRAP (711.35)
  - INVERT OF ALL PERFORATED UNDERDRAIN SURROUNDING THE STORMTRAP (712.35)
  - INVERT AND SIZE OF RESTRICTOR PLATE (712.35, 2.0")
  - ELEVATION OF OVERFLOW WEIR WITHIN THE OCS MANHOLE(716.35)



R.A.S.MITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN, WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.S.MITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.S.MITH, INC.



CIVIL CONSULTANT:  
R.A.S.MITH, INC.  
111 E. Douglas Road, Suite 202  
Bolingbrook, Illinois 60449  
(P) 630.465.5172

STRUCTURAL CONSULTANT:  
Larson Engineering, Inc.  
111 E. Douglas Road, Suite 202  
Bolingbrook, Illinois 60449  
(P) 630.341.0549  
(P) 630.351.0864  
(P) 630.351.0864

PEP CONSULTANT:  
PRASNO ENGINEERING  
111 E. Douglas Road, Suite 202  
Bolingbrook, Illinois 60449  
(P) 312.980.0500

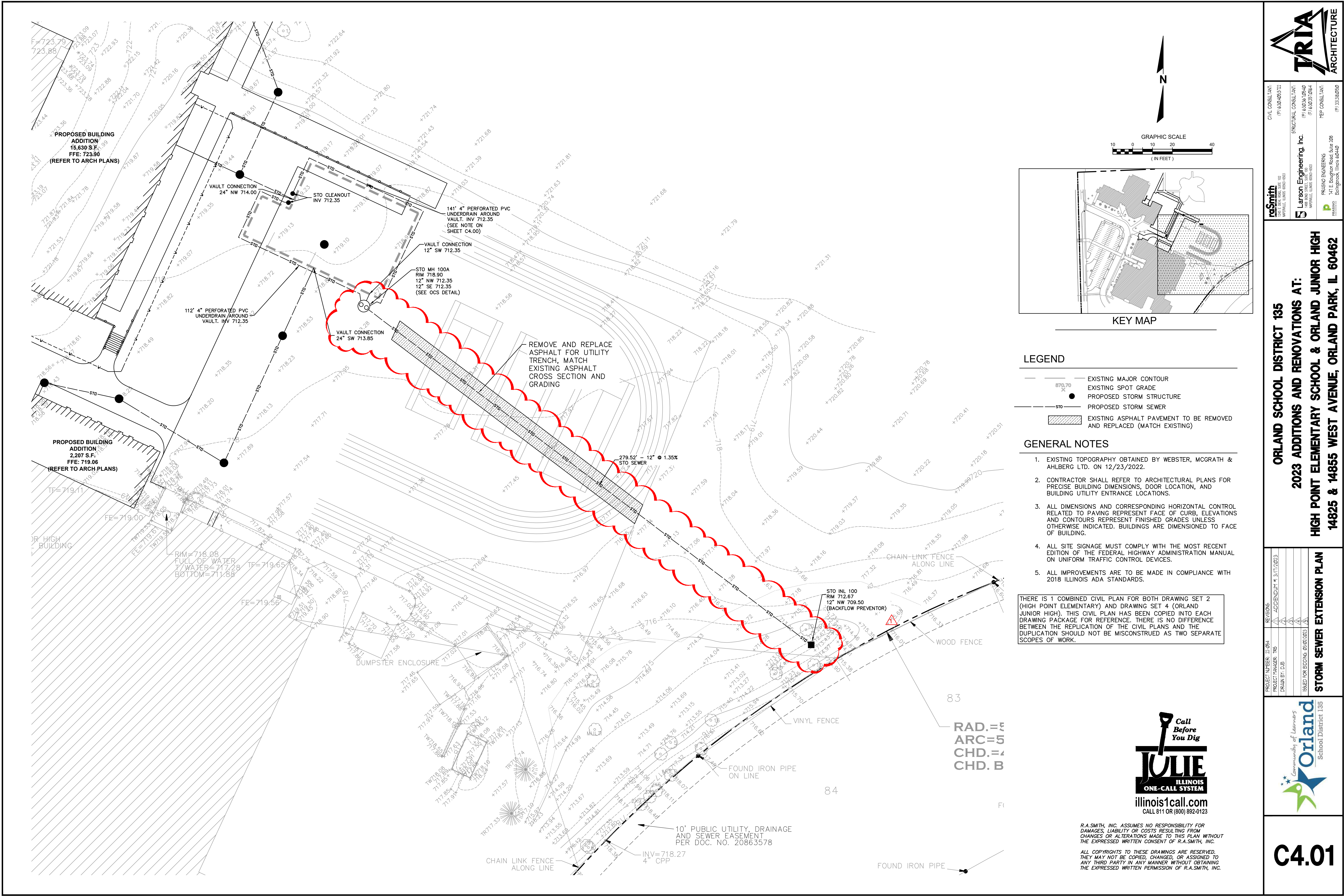
ORLAND SCHOOL DISTRICT 135  
2023 ADDITIONS AND RENOVATIONS AT:  
HIGH POINT ELEMENTARY SCHOOL & ORLAND JUNIOR HIGH  
14825 & 14855 WEST AVENUE, ORLAND PARK, IL 60462

| PROJECT NUMBER     | 22-004          |
|--------------------|-----------------|
| PROJECT NAME       | HP UTILITY PLAN |
| DESIGN BY          | CLB             |
| ISSUED FOR BIDDING | 03/07/2023      |
| APPENDIX           | 4               |
| DATE               | 3/17/2023       |



C4.00





CIVIL CONSULTANT:  
reSmith  
111 E. Lake Street, Suite 102  
Naperville, Illinois 60563

STRUCTURAL CONSULTANT:  
Larson Engineering, Inc.  
111 E. Lake Street, Suite 102  
Naperville, Illinois 60563

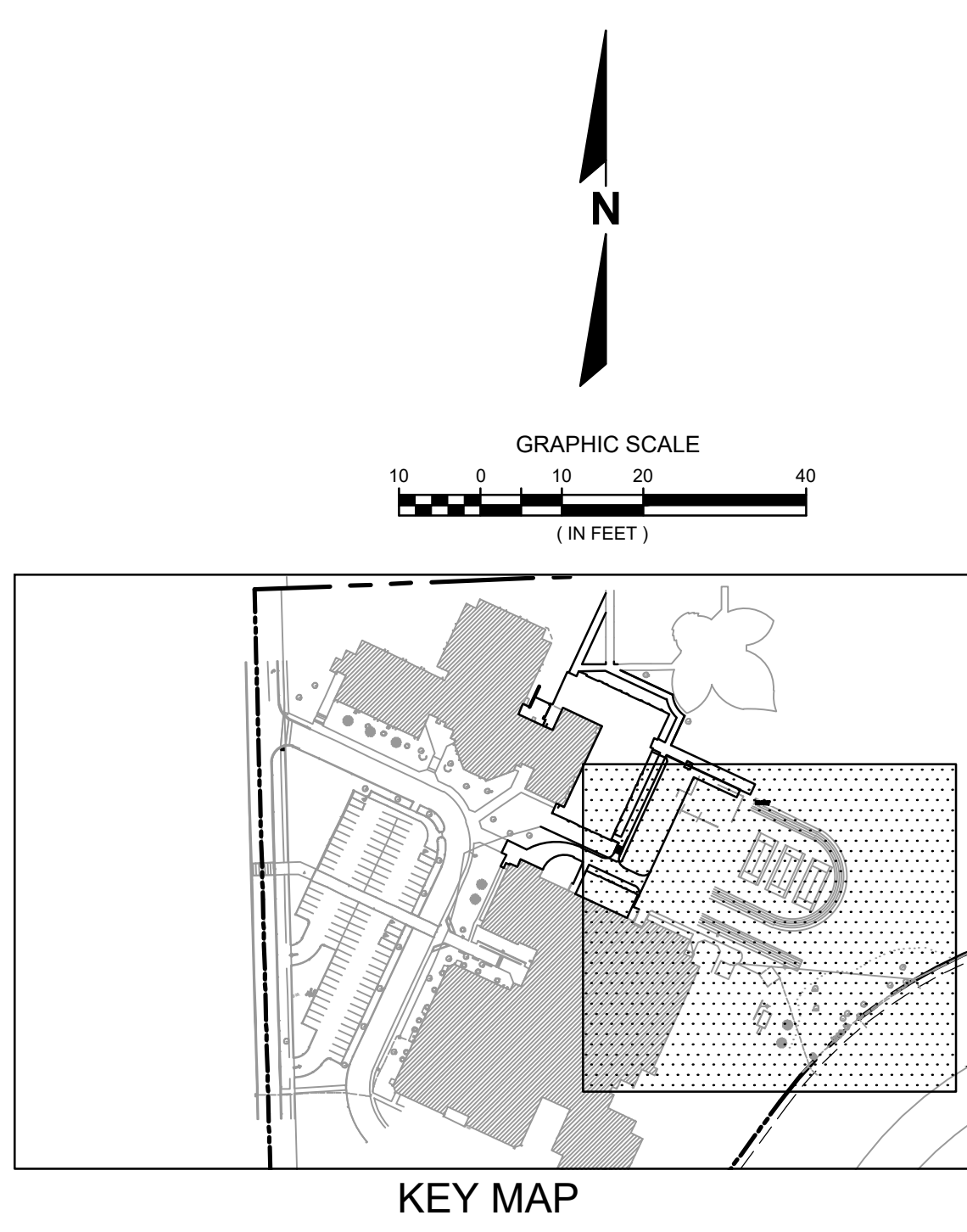
MECHANICAL CONSULTANT:  
Pulsano Engineering  
111 E. Lake Street, Suite 102  
Naperville, Illinois 60563

ORLAND SCHOOL DISTRICT 135  
2023 ADDITIONS AND RENOVATIONS AT:  
HIGH POINT ELEMENTARY SCHOOL & ORLAND JUNIOR HIGH  
14825 & 14855 WEST AVENUE, ORLAND PARK, IL 60462

| STORM SEWER EXTENSION PLAN |                  |                   |                                |
|----------------------------|------------------|-------------------|--------------------------------|
| PROJECT NUMBER: 21-024     | DATE: 05/05/23   | PROJECT NAME: TSS | ISSUED FOR BIDDING: 01/02/2023 |
| DESIGN BY: DJB             | DATE: 01/17/2023 | PROJECT NAME: TSS | ISSUED FOR BIDDING: 01/02/2023 |



C4.01



- LEGEND
- EXISTING MAJOR CONTOUR
  - EXISTING SPOT GRADE
  - PROPOSED STORM STRUCTURE
  - PROPOSED STORM SEWER
  - EXISTING ASPHALT PAVEMENT TO BE REMOVED AND REPLACED (MATCH EXISTING)

- GENERAL NOTES
- EXISTING TOPOGRAPHY OBTAINED BY WEBSTER, MCGRATH & AHLBERG LTD. ON 12/23/2022.
  - CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR PRECISE BUILDING DIMENSIONS, DOOR LOCATION, AND BUILDING UTILITY ENTRANCE LOCATIONS.
  - ALL DIMENSIONS AND CORRESPONDING HORIZONTAL CONTROL RELATED TO PAVING REPRESENT FACE OF CURB, ELEVATIONS AND CONTOURS REPRESENT FINISHED GRADES UNLESS OTHERWISE INDICATED. BUILDINGS ARE DIMENSIONED TO FACE OF BUILDING.
  - ALL SITE SIGNAGE MUST COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  - ALL IMPROVEMENTS ARE TO BE MADE IN COMPLIANCE WITH 2018 ILLINOIS ADA STANDARDS.

THERE IS 1 COMBINED CIVIL PLAN FOR BOTH DRAWING SET 2 (HIGH POINT ELEMENTARY) AND DRAWING SET 4 (ORLAND JUNIOR HIGH). THIS CIVIL PLAN HAS BEEN COPIED INTO EACH DRAWING PACKAGE FOR REFERENCE. THERE IS NO DIFFERENCE BETWEEN THE REPLICATION OF THE CIVIL PLANS AND THE DUPLICATION SHOULD NOT BE MISCONSTRUED AS TWO SEPARATE SCOPES OF WORK.



R.A.S.MITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN, WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A.S.MITH, INC.

ALL COPYRIGHTS TO THESE DRAWINGS ARE RESERVED. THEY MAY NOT BE COPIED, CHANGED, OR ASSIGNED TO ANY THIRD PARTY IN ANY MANNER WITHOUT OBTAINING THE EXPRESSED WRITTEN PERMISSION OF R.A.S.MITH, INC.