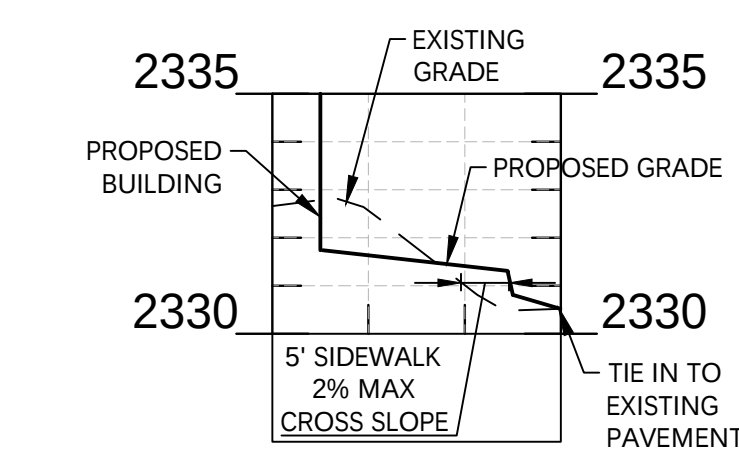
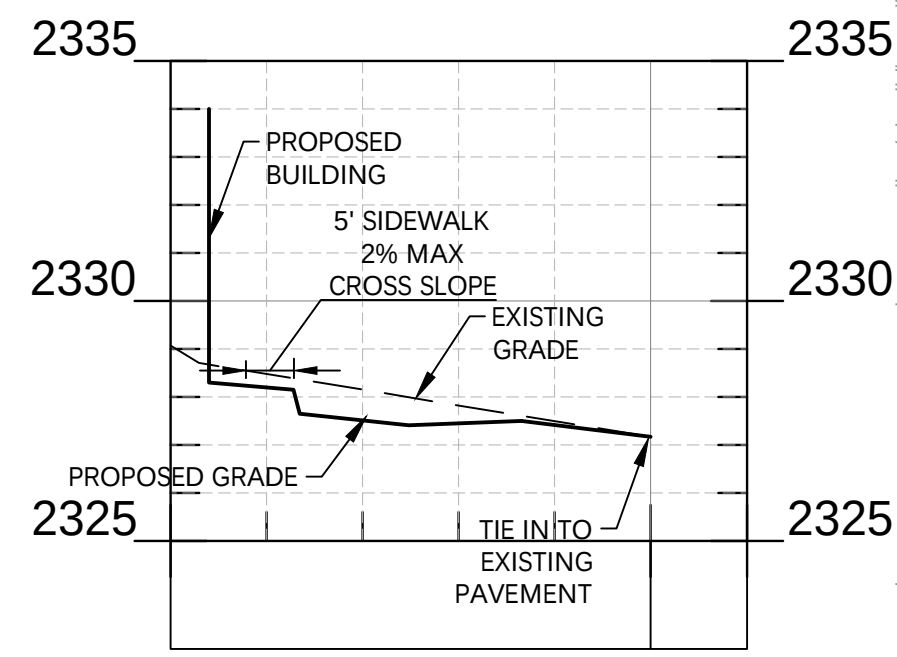
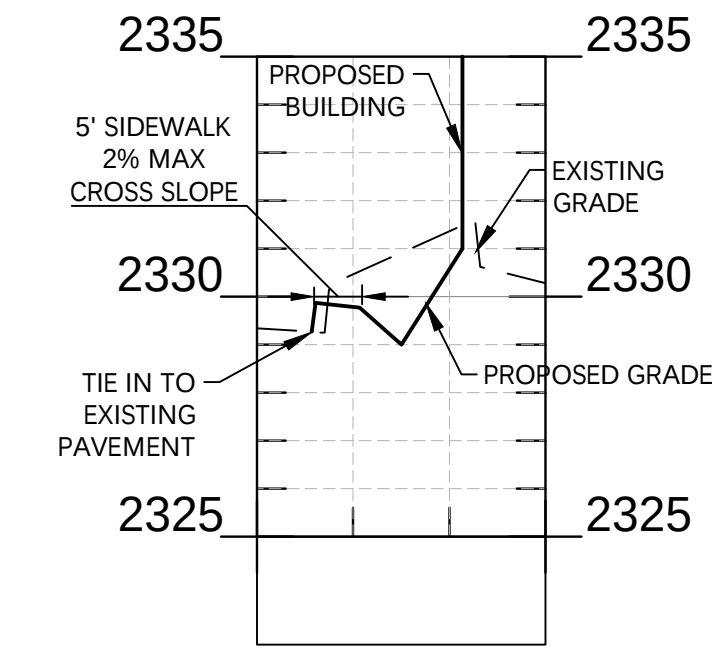
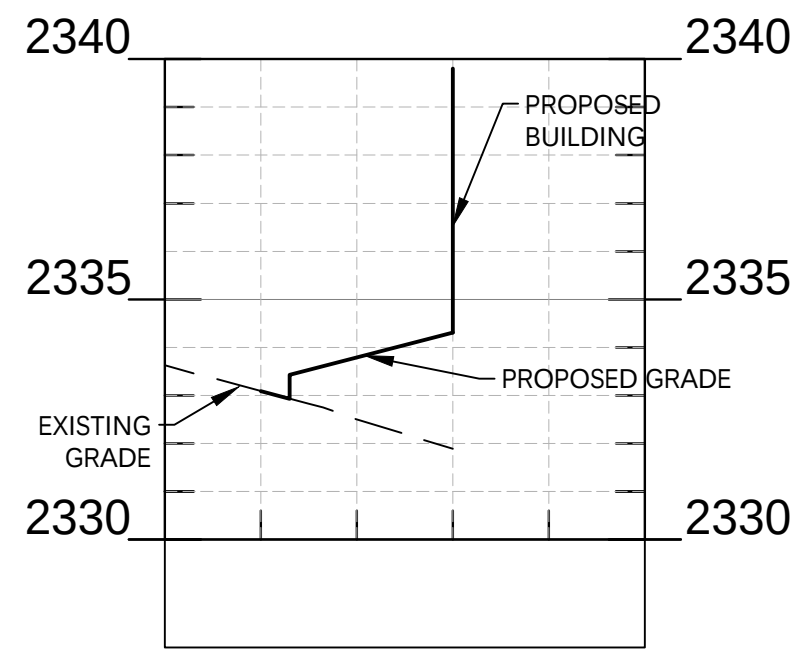
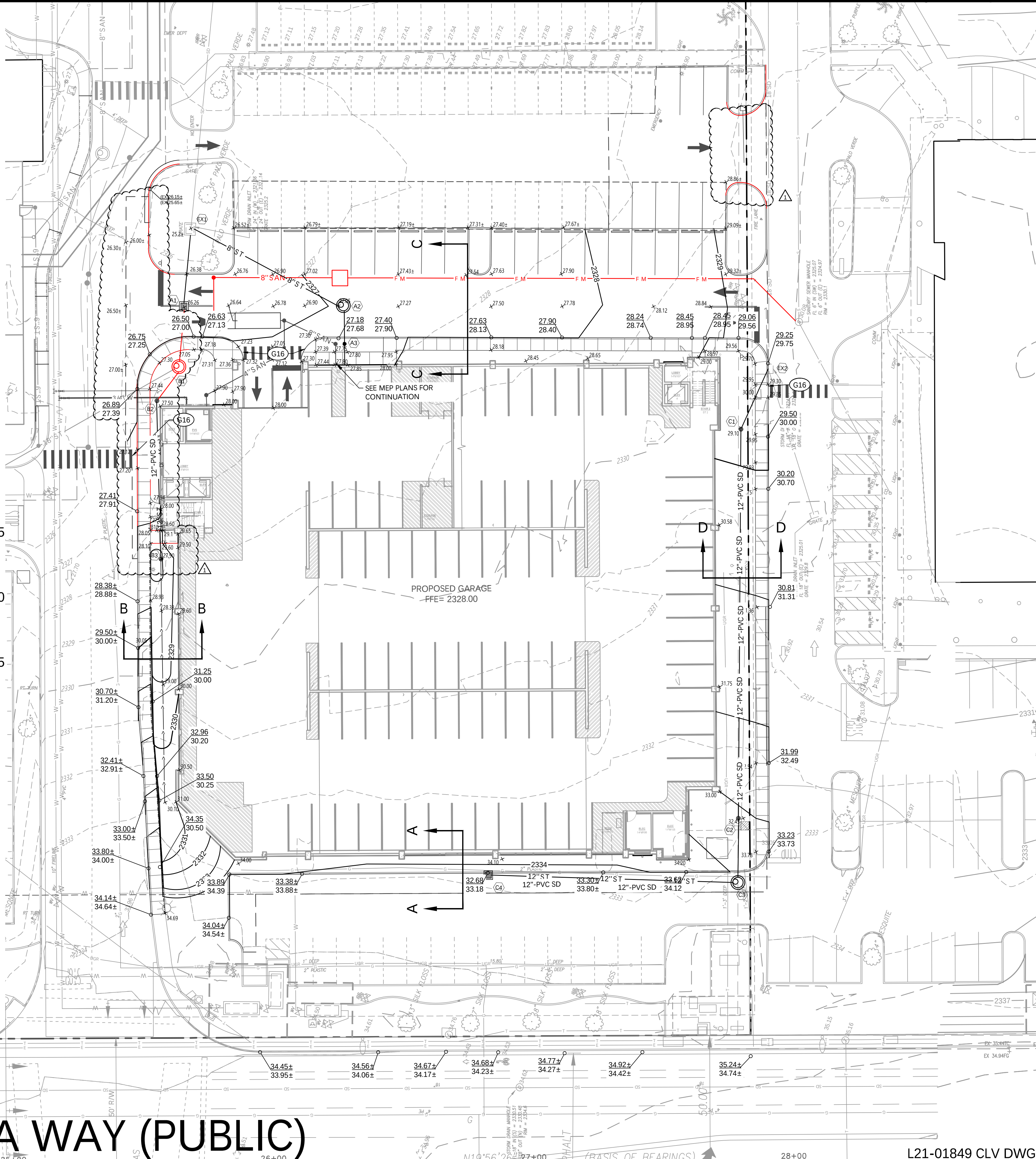


P:\2020\20201011. MountainView Hosp ED Exp CAD\Construction Garage\20201011\_C6-0\_GRA.dwg-C6-0 Grading & Drainage Plan Feb 14, 2023 oparsley



N. TENAYA WAY (PUBLIC)



| GRADING & DRAINAGE KEYNOTES |                 |
|-----------------------------|-----------------|
| CODE                        | DESCRIPTION     |
| G16                         | FLUSH CONDITION |

| PROPOSED FEATURES LEGEND |        |
|--------------------------|--------|
| STORM PIPE & INLET       | S T    |
| SPOT ELEVATION           | + 91.8 |
| PROPOSED CONTOUR         | 90     |
| DRAINAGE STRUCTURE       | C3     |
| SILT FENCE               | SF     |
| TREE PROTECTION          | T P    |

- NOTES:
- SEE SHEET C2.0 FOR GRADING AND DRAINAGE NOTES.
  - ALL ELEVATIONS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
  - ALL ONSITE STORM DRAIN FACILITIES ARE PRIVATELY OWNED AND PRIVATELY MAINTAINED.
  - THE SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD ZONE ACCORDING TO COMMUNITY PANEL NO. 32003C2135F OF THE F.E.M.A. FLOOD INSURANCE RATE MAPS FOR CLARK COUNTY, NEVADA, WITH AN EFFECTIVE DATE OF 11/16/11.
  - POST-CONSTRUCTION BMPs (PCBMPs) / CONTROL MEASURES NOTED ON THE GRADING PLANS ARE MANDATORY PERMANENT REGULATORY STORMWATER POLLUTION CONTROLS. THESE PCBMPs MUST BE INSTALLED PER THE APPROVED PLANS AND MUST BE PERMANENTLY MAINTAINED.

#### BASIS OF BEARINGS

NORTH 89°59'07" EAST, BEING THE BEARING OF THE NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 15, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS DELINEATED BY MAP ON FILE IN BOOK 62, PAGE 44 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE.

#### BENCHMARK

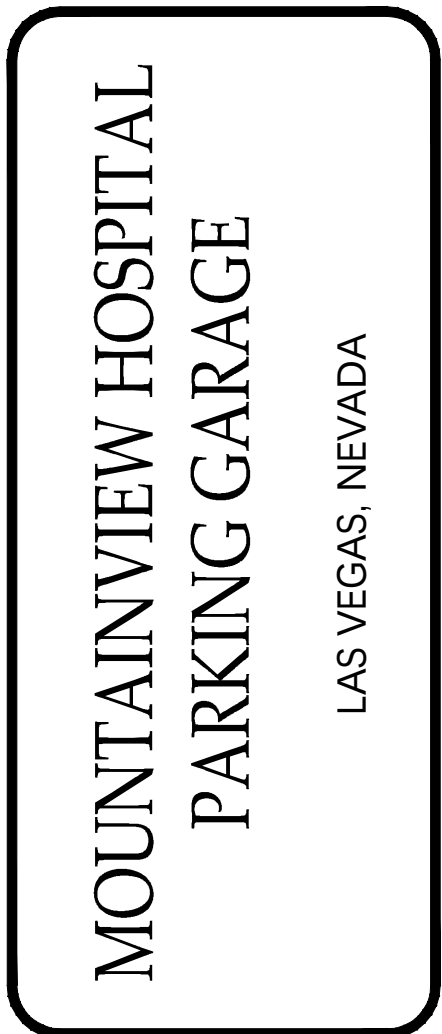
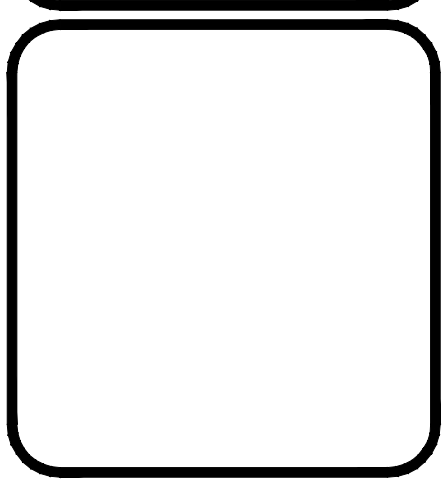
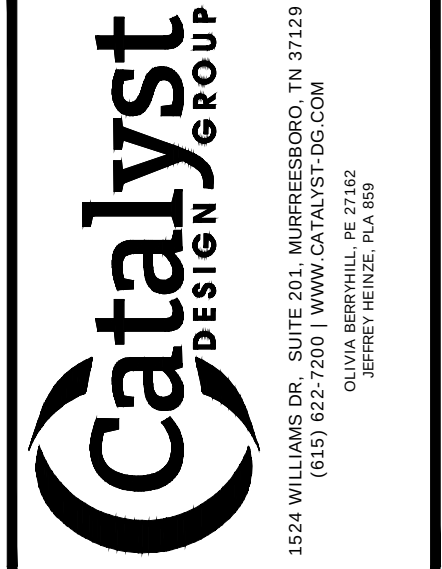
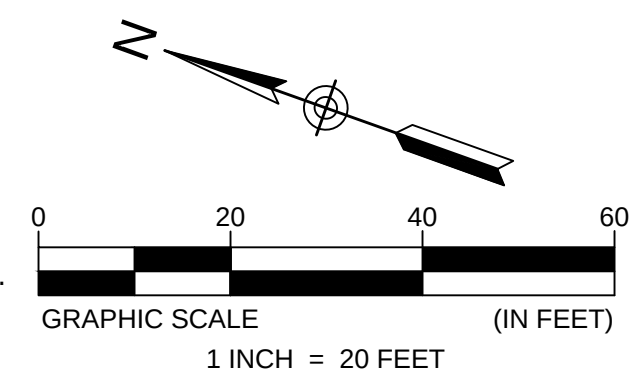
CITY OF LAS VEGAS BENCHMARK OLVD01544, BEING A RIVET & PLATE IN THE TOP OF CURB, LOCATED IN THE TOP OF CURB ON THE SOUTH SIDE OF CHEYENNE AVENUE, APPROX. 600' WEST OF TENAYA DRIVE. ELEVATION = 2335.79 FEET (711.950 METERS) NAVD. 1988.

| PROPOSED DRAINAGE STRUCTURES |                              |                    |       |              |         |
|------------------------------|------------------------------|--------------------|-------|--------------|---------|
| CODE                         | STRUCTURE                    |                    | DEPTH | ELEVATION    |         |
|                              | DESCRIPTION                  | DETAIL             |       | TOP OF GRATE | INVERT  |
| A1                           | CATCH BASIN                  | NDOT INDEX R-4.2.1 | 4.59  | 2326.26      | 2321.67 |
| A2                           | MANHOLE                      | NDOT INDEX 4-3.1   | 4.61  | 2327.05      | 2322.44 |
| A3                           | CLEANOUT/BUILDING CONNECTION | 5/ C8.1            | 5.00  | 2327.80      | 2322.80 |
| B1                           | MANHOLE                      | NDOT INDEX 4-3.1   | 5.18  | 2327.10      | 2321.92 |
| B2                           | NDS DRAIN                    | 4/ C8.1            | 4.76  | 2326.85      | 2322.09 |
| B3                           | NDS DRAIN                    | 4/ C8.1            | 5.22  | 2327.90      | 2322.68 |
| C1                           | NDS DRAIN                    | 4/ C8.1            | 4.19  | 2329.10      | 2324.91 |
| C2                           | NDS DRAIN                    | 4/ C8.1            | 4.56  | 2332.45      | 2327.89 |
| C3                           | MANHOLE                      | NDOT INDEX 4-3.1   | 5.59  | 2333.70      | 2328.11 |
| C4                           | CURB INLET                   | NDOT INDEX R-4.2.3 | 3.64  | 2332.68      | 2329.04 |
| EX1                          | EXISTING STRUCTURE           | -                  | 3.84  | 2325.20      | 2321.36 |
| EX2                          | EXISTING STRUCTURE           | -                  | 4.84  | 2329.25      | 2324.41 |

| PROPOSED STORM SEWER PIPE |         |      |         |       |               |      |               |
|---------------------------|---------|------|---------|-------|---------------|------|---------------|
| FROM                      |         | TO   |         | GRADE | DIAMETER (IN) | TYPE | LENGTH (L.F.) |
| CODE                      | INV.    | CODE | INV.    |       |               |      |               |
| A1                        | 2321.67 | EX1  | 2321.36 | 1.20% | 18            | RCP  | 26            |
| A2                        | 2322.44 | EX1  | 2321.36 | 1.73% | 8             | PVC  | 63            |
| A3                        | 2322.80 | A2   | 2322.44 | 1.73% | 8             | PVC  | 21            |
| B1                        | 2321.92 | A1   | 2321.67 | 1.20% | 18            | RCP  | 20            |
| B2                        | 2322.09 | B1   | 2321.92 | 1.00% | 12            | PVC  | 18            |
| B3                        | 2322.68 | B2   | 2322.09 | 1.00% | 12            | PVC  | 59            |
| C1                        | 2324.91 | EX2  | 2324.41 | 2.00% | 12            | PVC  | 25            |
| C2                        | 2327.89 | C1   | 2324.91 | 2.00% | 12            | PVC  | 149           |
| C3                        | 2328.11 | C2   | 2327.89 | 1.00% | 12            | PVC  | 23            |
| C4                        | 2329.04 | C3   | 2328.11 | 1.00% | 12            | PVC  | 93            |



Know what's below.  
Call before you dig.



| DRAWING TITLE  |          |
|----------------|----------|
| GRADING PLAN   |          |
| SHEET 13 OF 18 |          |
| PROJECT NUMBER | 20201011 |
| DRAWING NUMBER | C6.0     |

| DRAWING TITLE  |          |
|----------------|----------|
| GRADING PLAN   |          |
| SHEET 13 OF 18 |          |
| PROJECT NUMBER | 20201011 |
| DRAWING NUMBER | C6.0     |