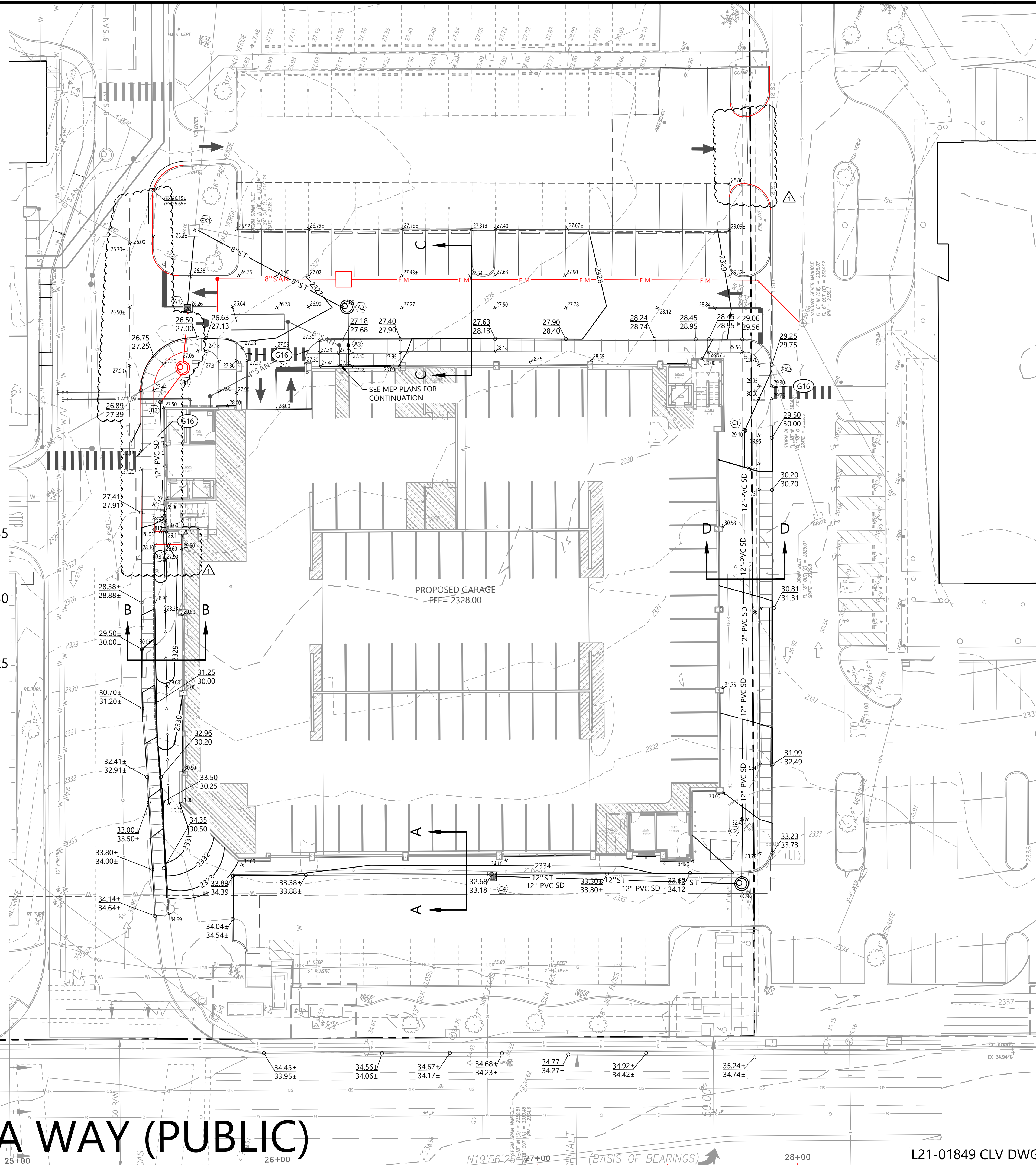
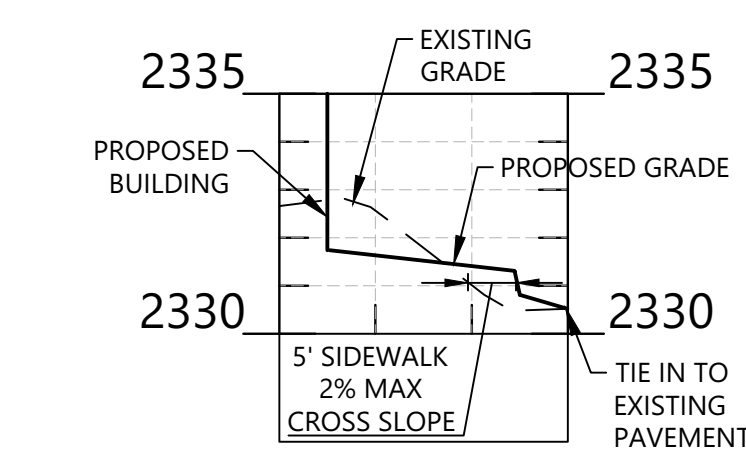
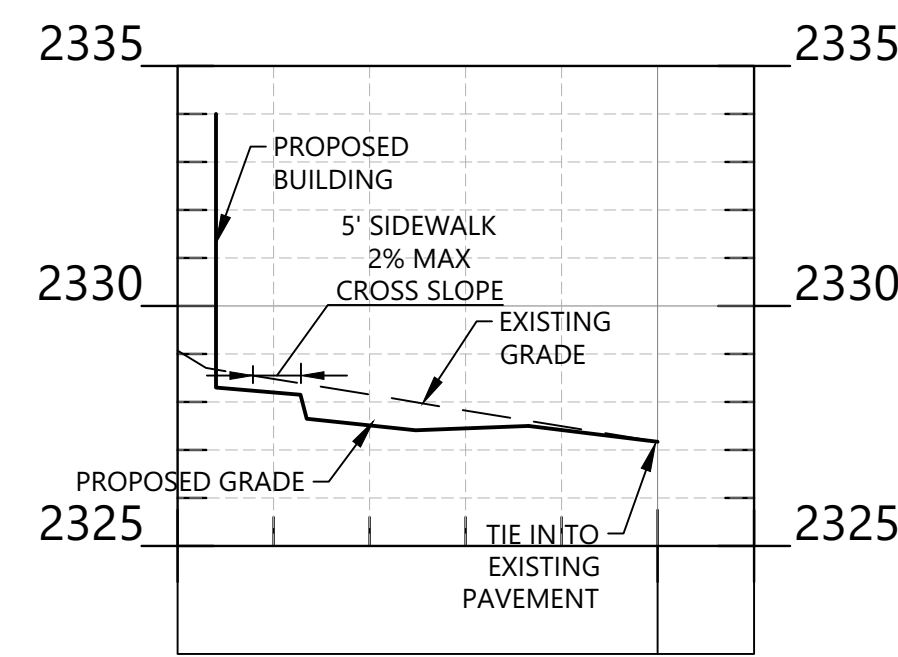
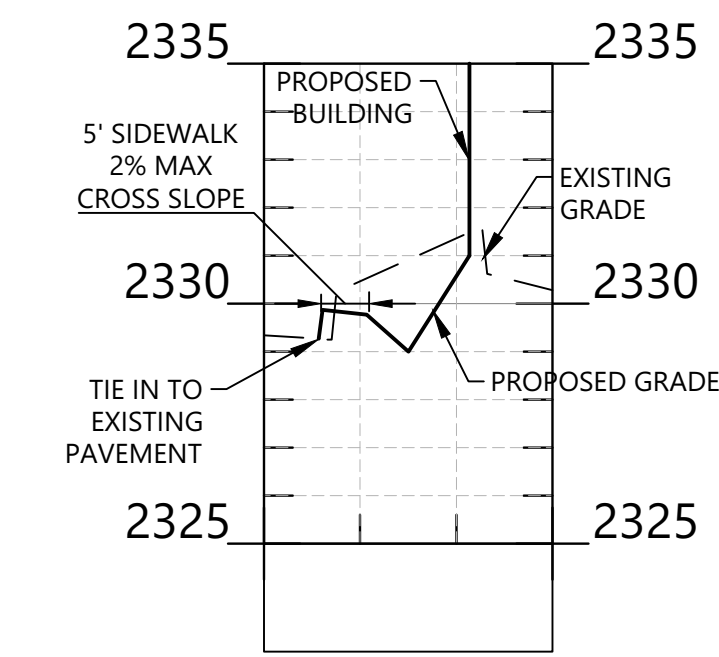
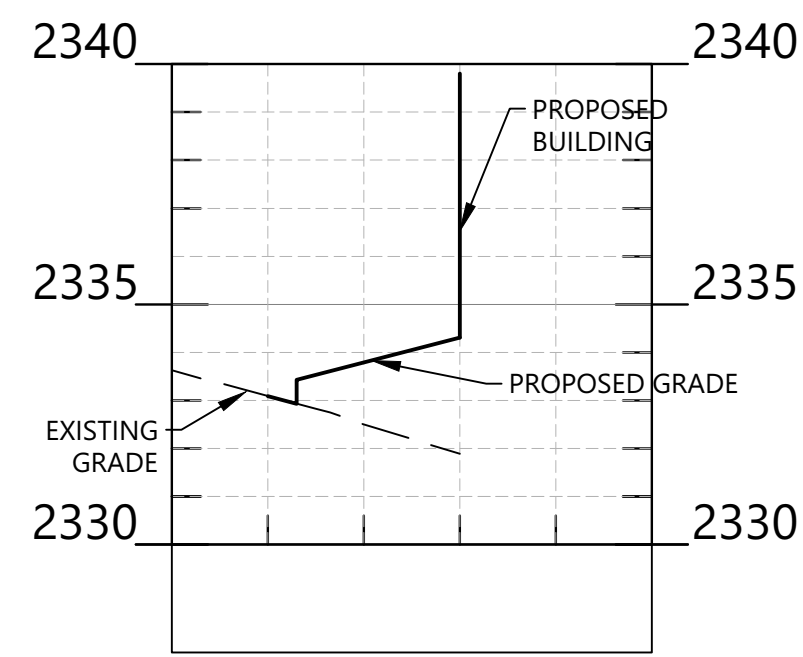


P:\2020\20201011_MountainView Hosp ED Exp\CAD\Construction_Garage\20201011_C6-0_GRA.dwg-C6-0 Grading & Drainage Plan Feb 14, 2023 oparsley



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.

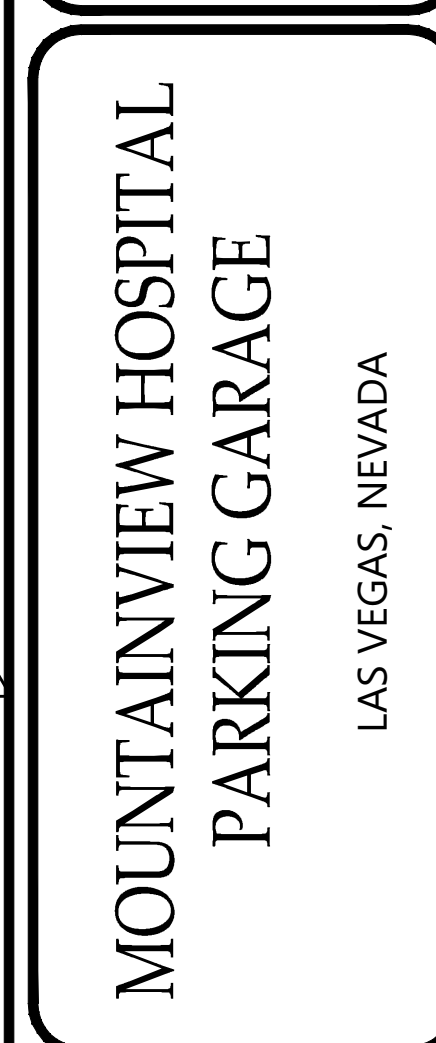
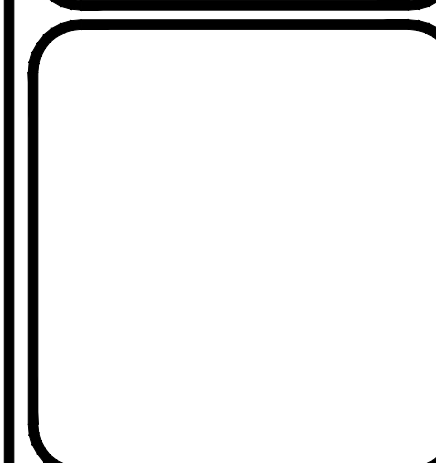
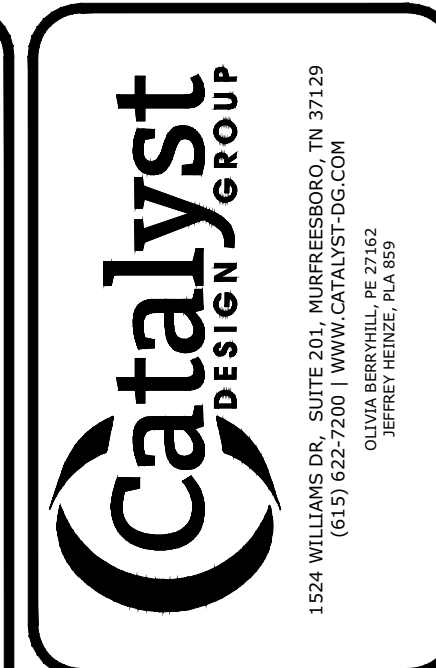
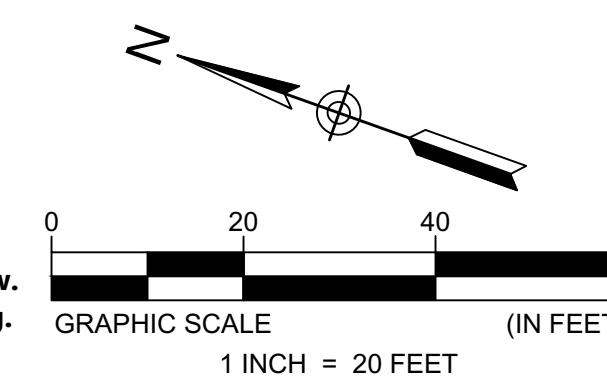
BENCHMARK
CITY OF LAS VEGAS BENCHMARK OLIV01544, BEING A RIVET & PLATE IN THE TOP OF CURB, LOCATED IN THE TOP OF CURB ON THE SOUTH SIDE OF CHEYENNE AVENUE, APPROX. 600' WEST OF TENAYA DRIVE. ELEVATION = 2335.79 FEET (711.950 METERS) NAVD. 1988.

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

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GRADING PLAN	
SHEET 13 OF 18	
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