

J:\proj\ark\1725TN - Best Spec. Building\00 - Best Spec. Building\00 - Drawing Files\01-Civil\Co.1 - General Notes.dwg Feb 16, 2018 3:50pm

SURVEY NOTES:

- BOUNDARY AND TOPOGRAPHICAL INFORMATION SHOWN WAS TAKEN FROM TOPOGRAPHICAL AND BOUNDARY SURVEY PERFORMED BY BRADLEY HANCOCK DATED 12-13-2017.
- BEARINGS ARE REFERENCED TO GPS ARKANSAS STATE PLANE NORTH ZONE..
- TEMPORARY BENCHMARK IS PLACED ON TOP OF EXISTING FIRE HYDRANT TO BE 236.70'. ELEVATIONS BASED ON NGVD 1329.

UTILITY NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ALSO ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION LIMITS.
- UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPEARANCES AT THE SITE. ALL UTILITIES SHALL BE FIELD VERIFIED. CALL 1-800-482-8998 TO NOTIFY ARKANSAS ONE CALL CENTER AT LEAST 2 BUSINESS DAYS, BUT NO MORE THAN 10 DAYS PRIOR TO EXCAVATION .

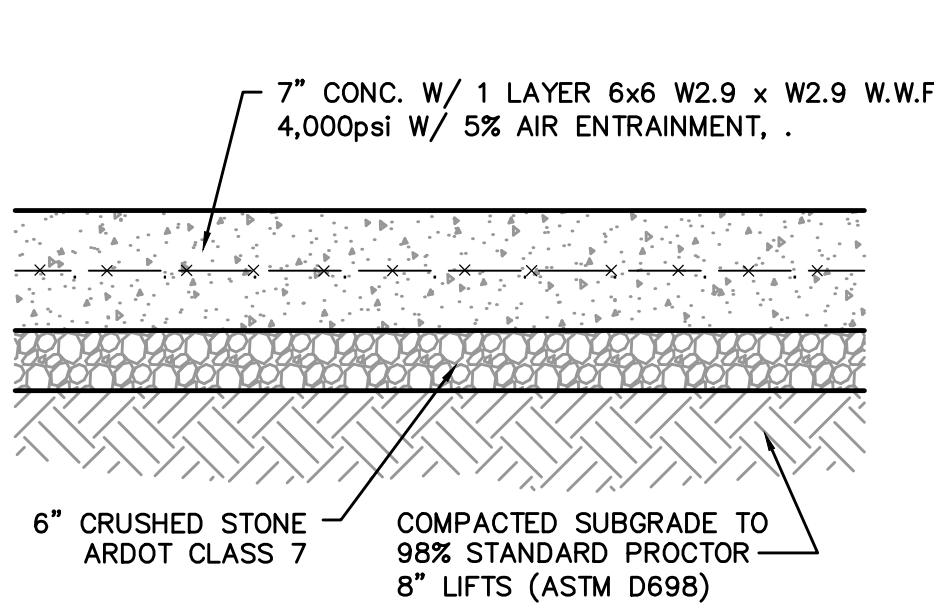
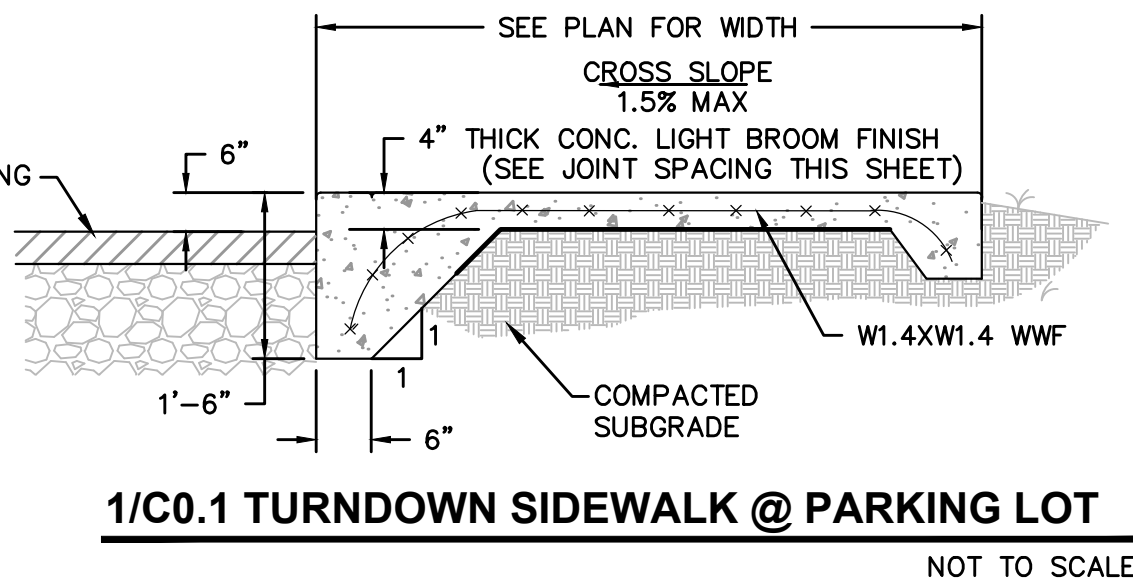
GENERAL CONSTRUCTION NOTES:

- PROPERTY LINES SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. GRADING, CLEARING, AND THE ERECTION OR REMOVAL OF FENCES ALONG PROPERTY LINES SHALL BE FULLY COORDINATED WITH ADJACENT PROPERTY OWNERS BEFORE BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN ACCESS TO PROPERTY.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES PRIOR TO INITIATING CONSTRUCTION. SEE SPECIFIC NOTES, DRAWINGS, & DETAILS FOR MEASURES REQUIRED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL REQUIRED BUILDING PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING ANY CONSTRUCTION.
- ANY ASPHALT PAVEMENT, CONCRETE PAVING, OR SIDEWALKS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ANY TRENCH STABILIZATION REQUIRED BY OSHA CONSTRUCTION STANDARD FOR EXCAVATIONS, 29 CFR PART 1926, SUBPART P.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION RELATED SURVEYING, INCLUDING ALL LAYOUT AND GRADE STAKING.
- THE CONTRACTOR SHALL ADHERE TO BEST MANAGEMENT PRACTICES FOR SIGNAGE AND TRAFFIC CONTROL MEASURES IN CONSTRUCTION ZONES AS REQUIRED.
- SEE THIS SHEET FOR TYPICAL SITE DETAILS.

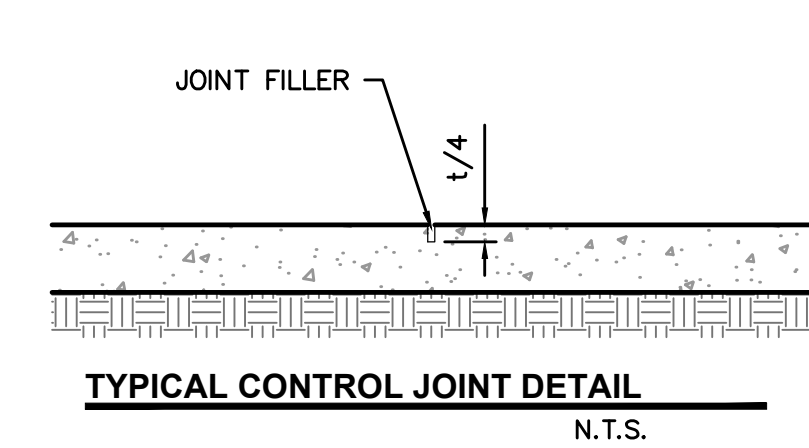
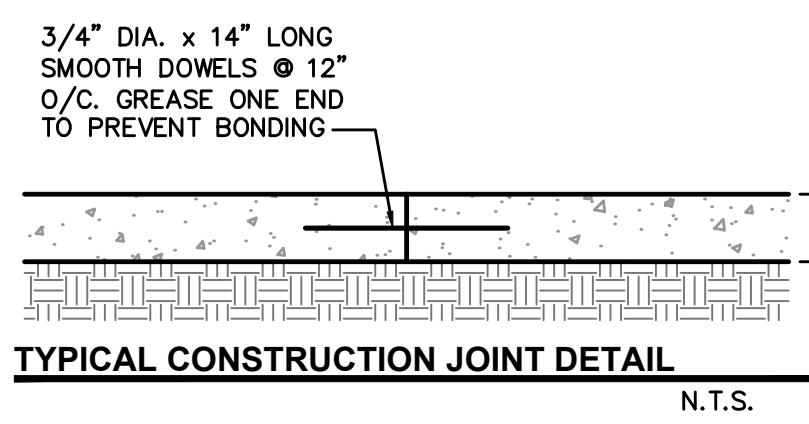
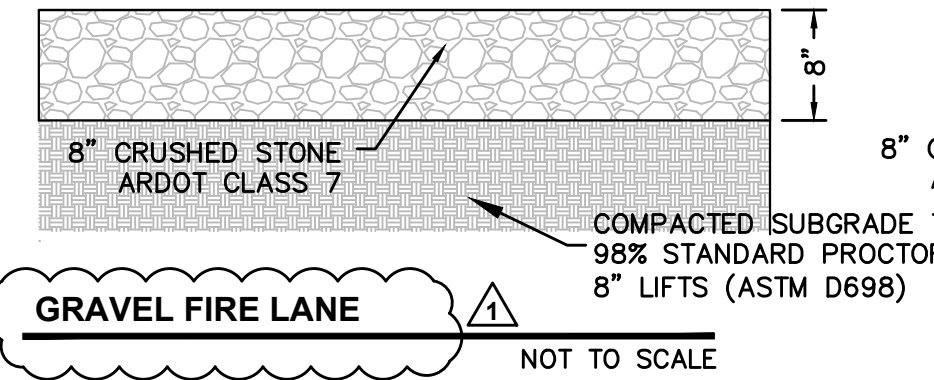
SITE PREPARATION AND EARTHWORK NOTES:

- MINIMUM COMPACTION REQUIREMENTS FOR FILL IN AREAS MAY BE ACHIEVED BY PLACING THE FILL IN 8" THICK LOOSE LIFTS AND COMPACTING TO MINIMUM OF 95 PERCENT OF STANDARD PROCTOR DENSITY WITH MOISTURE CONTENT MAINTAINED WITHIN ABOUT +2/-1 PERCENTAGE POINTS OF OPTIMUM AS DEFINED BY THE STANDARD PROCTOR TEST. COMPACTION REQUIREMENTS FOR LAWN AREAS SHALL BE 85 PERCENT OF STANDARD PROCTOR. ALL THE ABOVE SHALL BE APPROVED BY THE SOILS ENGINEER.
- FILL MATERIAL SHALL BE APPROVED BY THE SOILS TESTING LABORATORY AND/OR ENGINEER.
- WHEN FIELD TESTS INDICATE THAT INSTALLED COMPACTED MATERIAL DOES NOT MEET REQUIREMENTS, THE CONTRACTOR WILL PROVIDE ADDITIONAL COMPACTION UNTIL SPECIFIED DENSITY IS ACHIEVED, OR REMOVE AND REPLACE DEFECTIVE MATERIAL AS DIRECTED BY SOILS TESTING LABORATORY AND/OR ENGINEER.
- SITE PREPARATION: ALL TOPSOIL, VEGETATION, ROOTS, AND ANY SOFT SOILS IN THE BUILDING OR PAVEMENT AREAS WILL BE STRIPPED FROM THE GROUND SURFACE WASTED ON SITE AS DIRECTED.
- ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE TOP OF FINISHED GRADE UNLESS OTHERWISE NOTED.
- BACKFILL REQUIREMENTS: ALL TRENCHES EXCAVATED FOR THE INSTALLATION OF DRAINAGE, PRIVATE SANITARY SEWER, WATER OR ANY UTILITY IN PROPOSED PAVED AREAS SHALL BE COMPACTED AS OUTLINED BELOW:
 - PIPE SHALL BE BED AS SHOWN ON DETAIL THIS SHEET.
 - COARSE GRAINED SOILS WITH LESS THAN FOUR PERCENT BY WEIGHT PASSING NO. 200 SIEVE SHALL BE COMPACTED TO 70% RELATIVE DENSITY AS DEFINED BY ASTM D-4253 AND ASTM D-4254.
 - TESTING: IN-PLACE DENSITY TESTS SHOULD BE PERFORMED AT FILL GRADE (12" ABOVE TOP OF PIPE) AND AT EVERY 8" LIFT OF FILL TO FINISHED GRADE FOR EVERY 100 LINEAL FEET OF PIPE.
- NO GRADING SHALL EXCEED A SLOPE OF 3:1 EXCEPT WHERE INDICATED AROUND HEADWALLS AND PROTECTED BY RIP RAP.

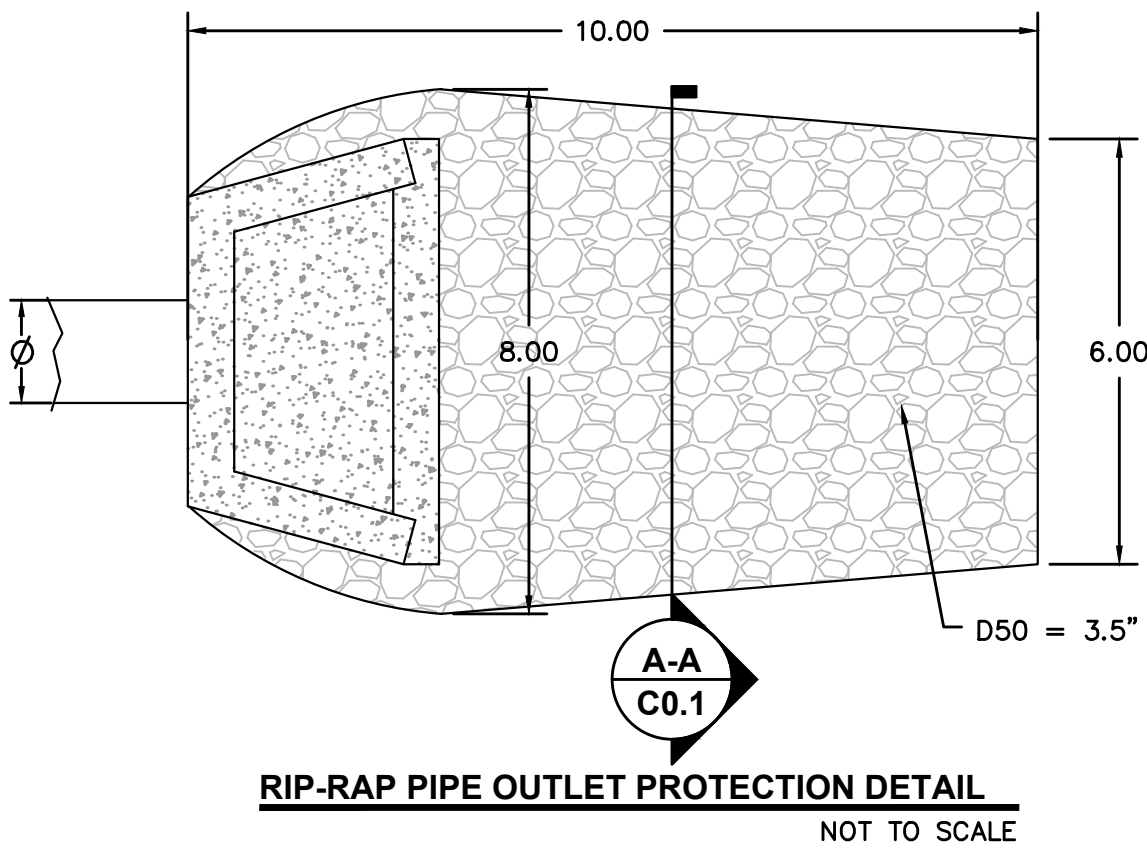
SIDEWALK JOINT SPACING		
WIDTH	CONTROL JOINT	CONSTRUCTION JOINT
5	5' O/C	20' O/C
6	6' O/C	24' O/C
7	7' O/C	28' O/C
8	8' O/C	32' O/C



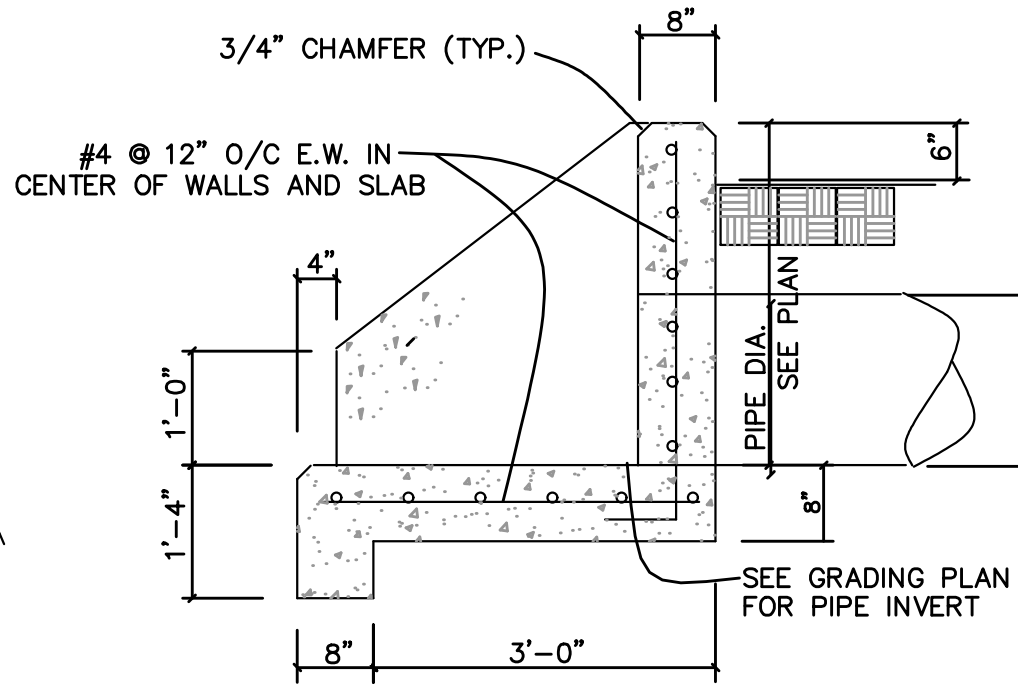
CONCRETE PAVING SECTION
NOT TO SCALE



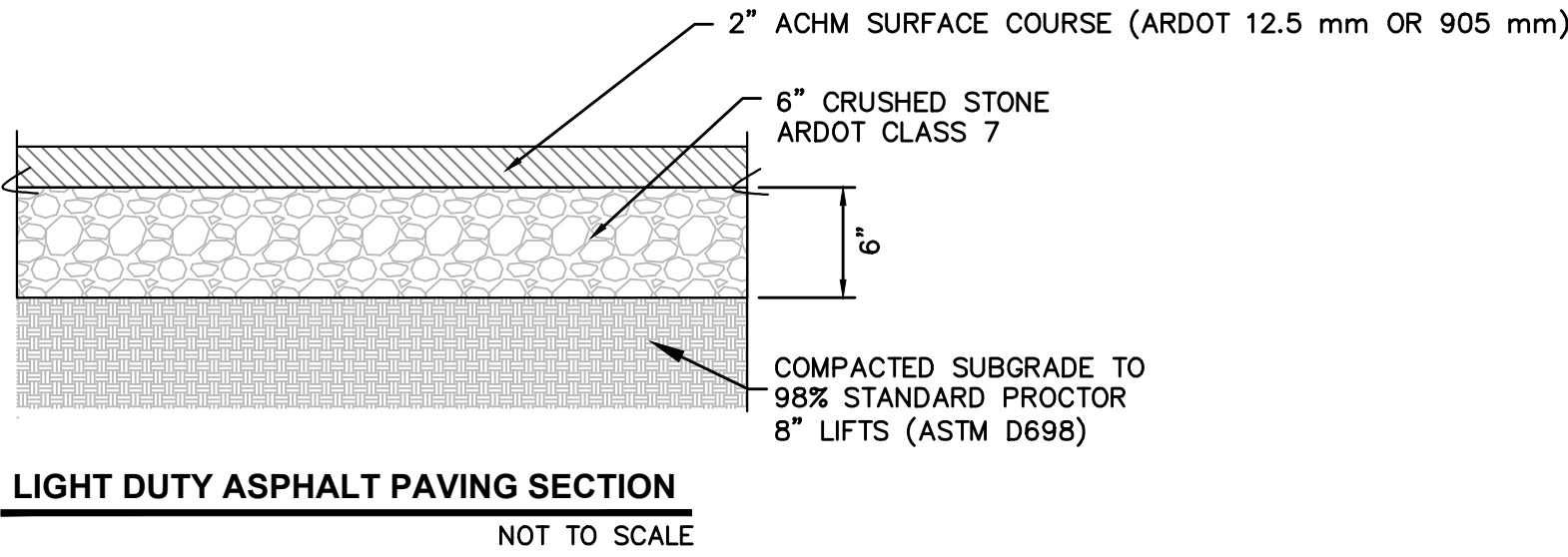
NOTE:
1. MAX SAW JOINT SPACING 15'-0"
2. CUT JOINT WITHIN 12 HOURS OF CONCRETE PLACEMENT



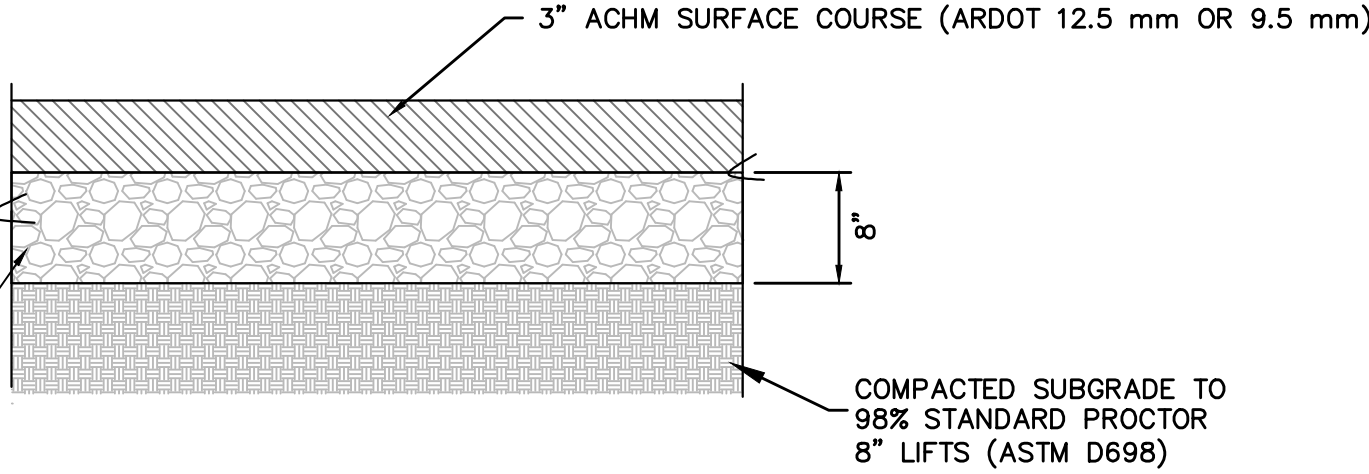
RIP-RAP PIPE OUTLET PROTECTION DETAIL
NOT TO SCALE



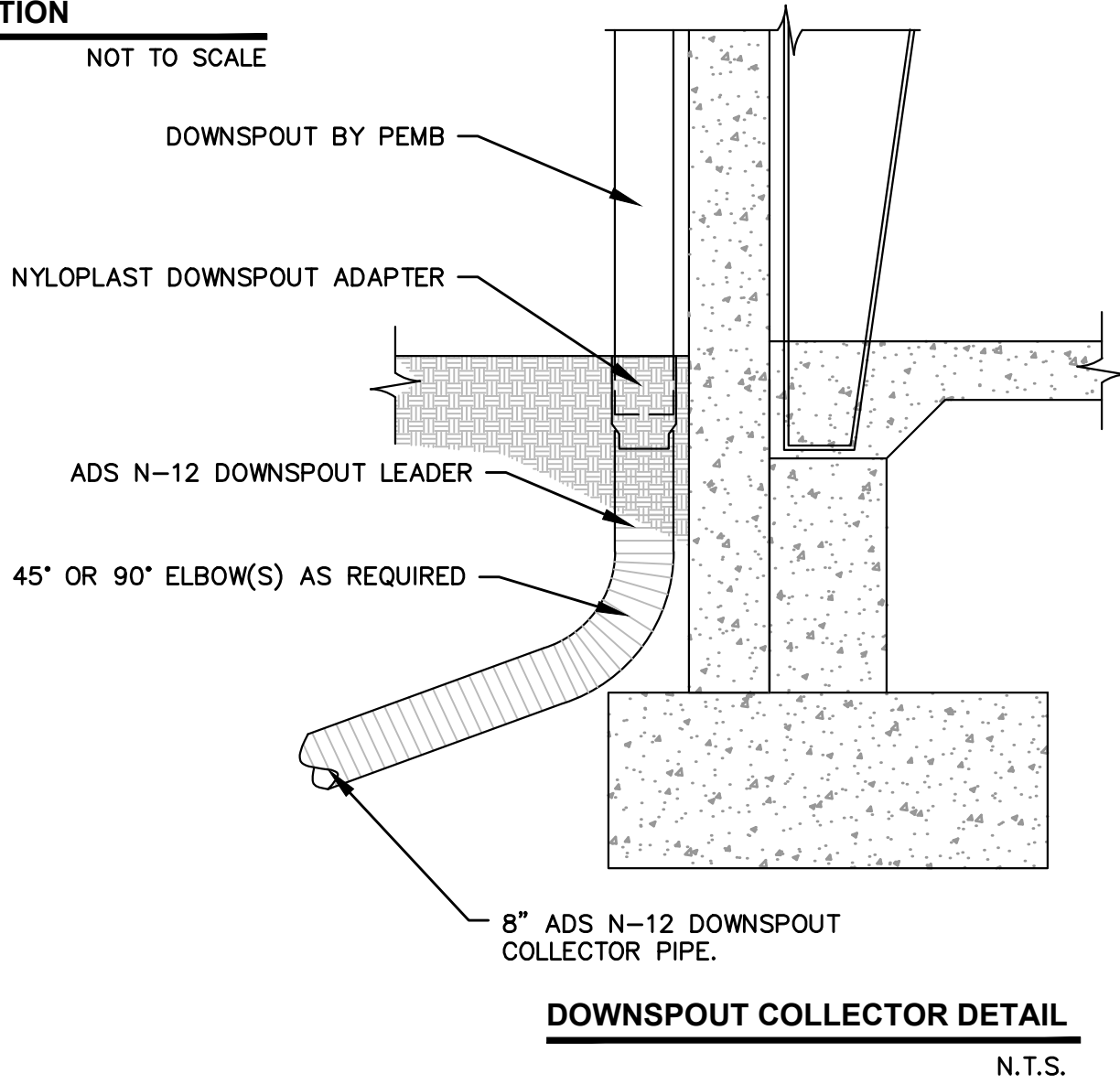
TYPICAL HEADWALL DETAIL
PRECAST ACCEPTABLE SCALE: 3/8"=1'-0"



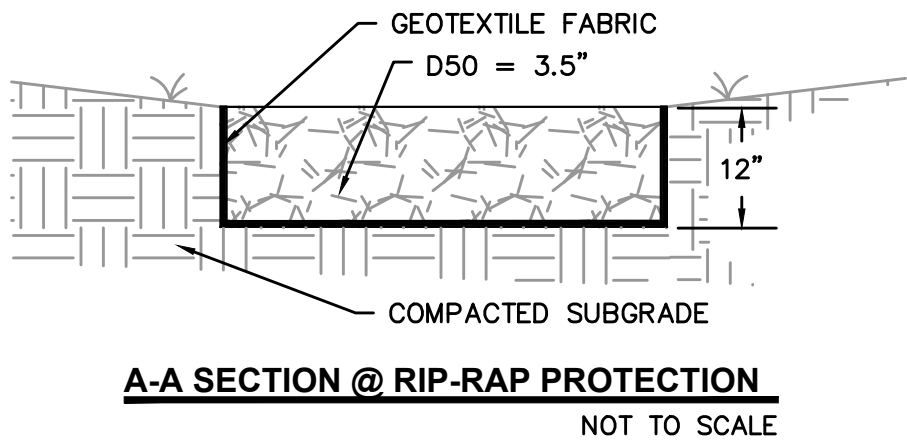
LIGHT DUTY ASPHALT PAVING SECTION
NOT TO SCALE



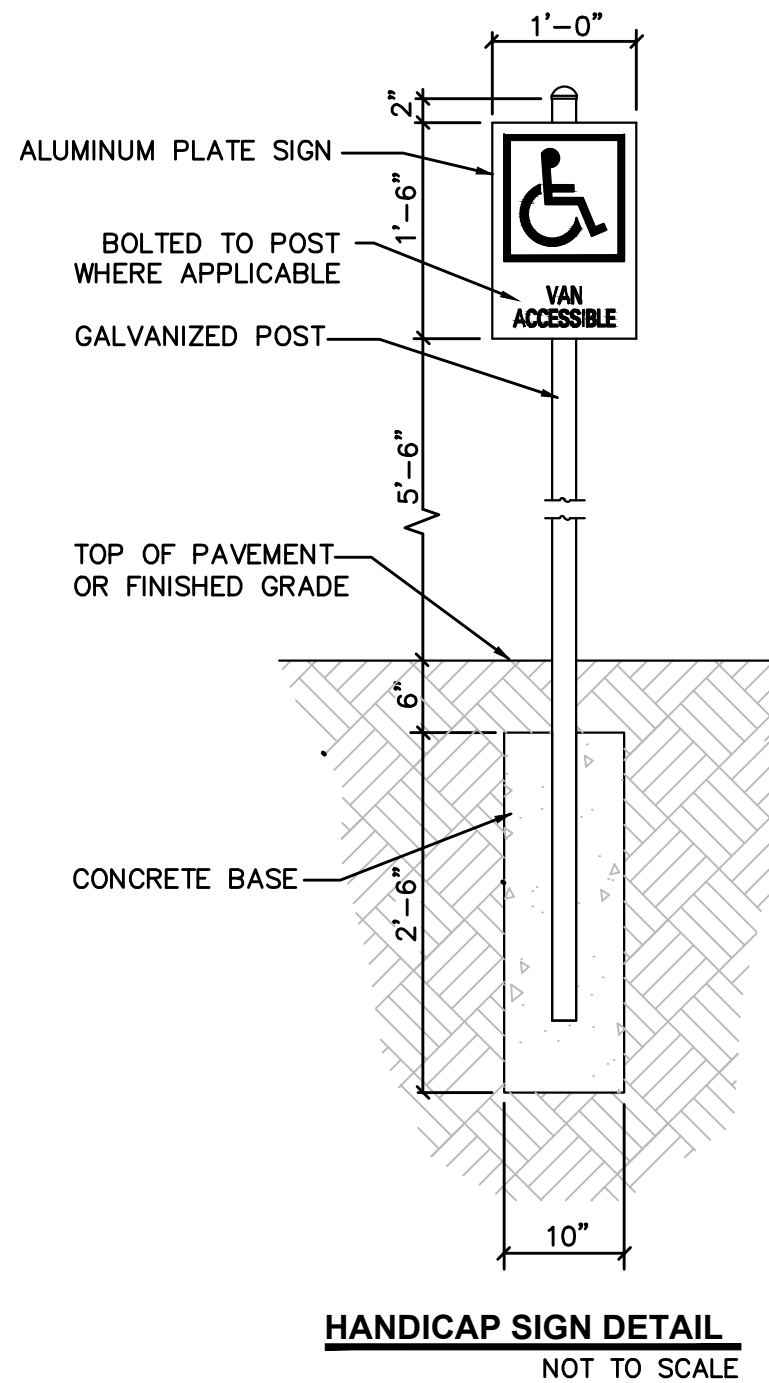
HEAVY DUTY ASPHALT PAVING SECTION
NOT TO SCALE



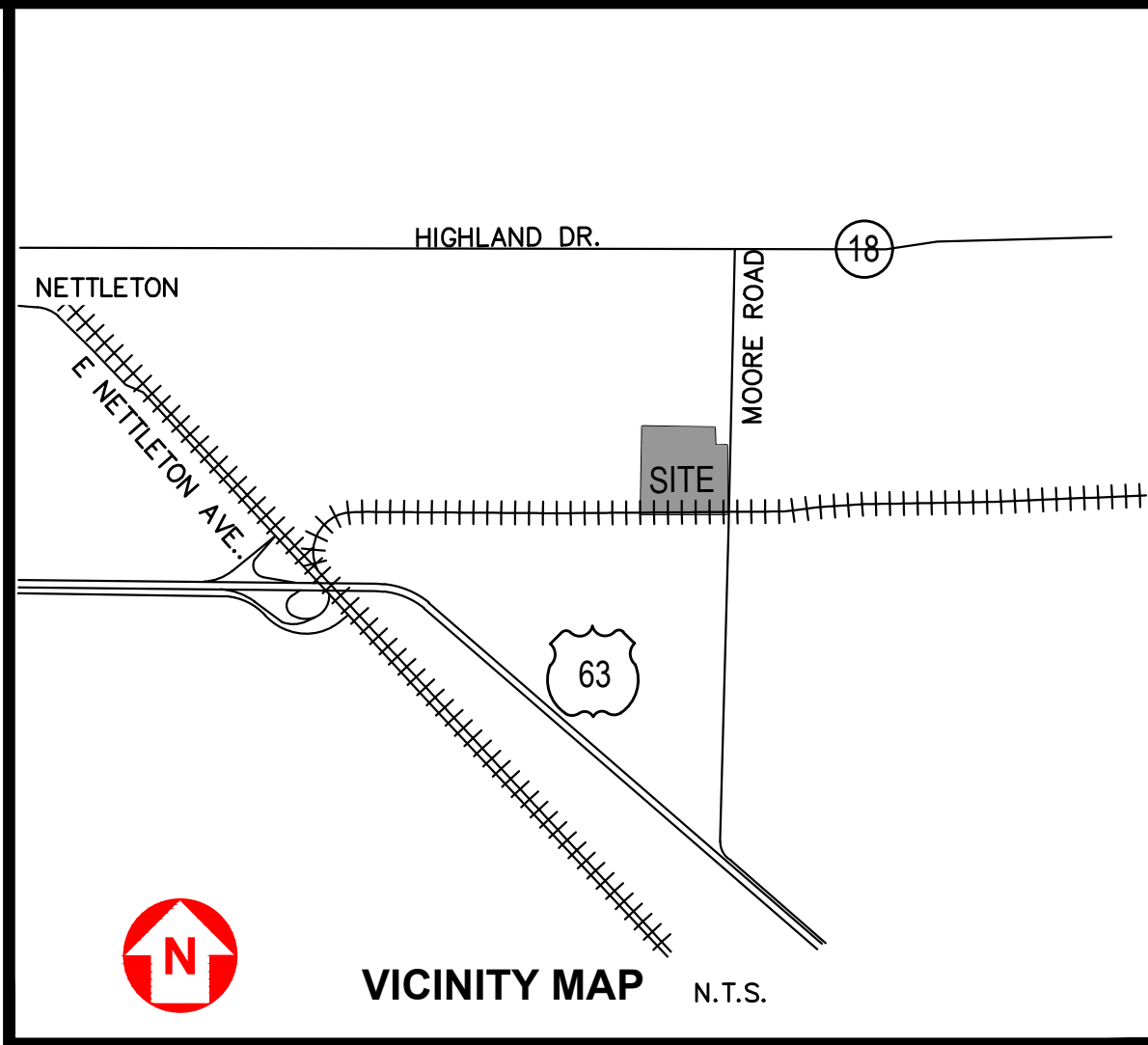
DOWNSPOUT COLLECTOR DETAIL
N.T.S.



A-A SECTION @ RIP-RAP PROTECTION
NOT TO SCALE



HANDICAP SIGN DETAIL
NOT TO SCALE



MASTER LEGEND

- SANITARY SEWER LINE
- NG
- GAS LINE
- DOMESTIC WATER LINE
- FENCE LINE
- EXISTING STORM DRAINAGE PIPE
- NEW STORM DRAINAGE PIPE
- RAILROAD TRACKS
- OVERHEAD ELECTRIC LINE
- PROPERTY LINE
- GRAVEL PAVING
- RIP-RAP
- CONCRETE PAVING
- HEAVY DUTY ASPHALT
- LIGHT DUTY ASPHALT
- DEMO AREA
- WORK POINT
- NUMBER OF PARKING SPACES
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- DIRECTION OF FLOW
- PROPOSED CONTOURS
- EXISTING CONTOURS
- REINFORCED CONCRETE PIPE
- CORRUGATED METAL PIPE
- UTILITY POLE
- FINISHED FLOOR ELEVATION
- CONC.
- COTTON PICKER SPINDLE
- TOP OF CURB
- BOTTOM OF CURB
- TOP OF GRATE
- TEMPORARY BENCH MARK
- REINFORCED CONCRETE BOX
- NOT IN CONTRACT
- IN CONTRACT
- FIRE HYDRANT
- JUNCTION BOX
- HEADWALL
- AREA INLET
- HIGH PERFORMANCE POLYPROPYLENE
- HIGH DENSITY POLYETHYLENE

NOTICE

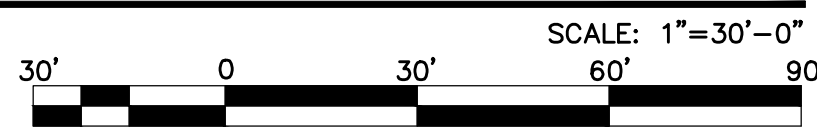
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PROJECT NO. 1725.TN		DRAWN BY JWS		DESIGN LEADER DHZ	
CHECKED BY -		REVIEWED BY -		(PROJECT MANAGER)	
DATE 02-16-18		NO. 1		FIRE LANE ADD	
DESCRIPTION		DATE 02-19-18		NO. 1	

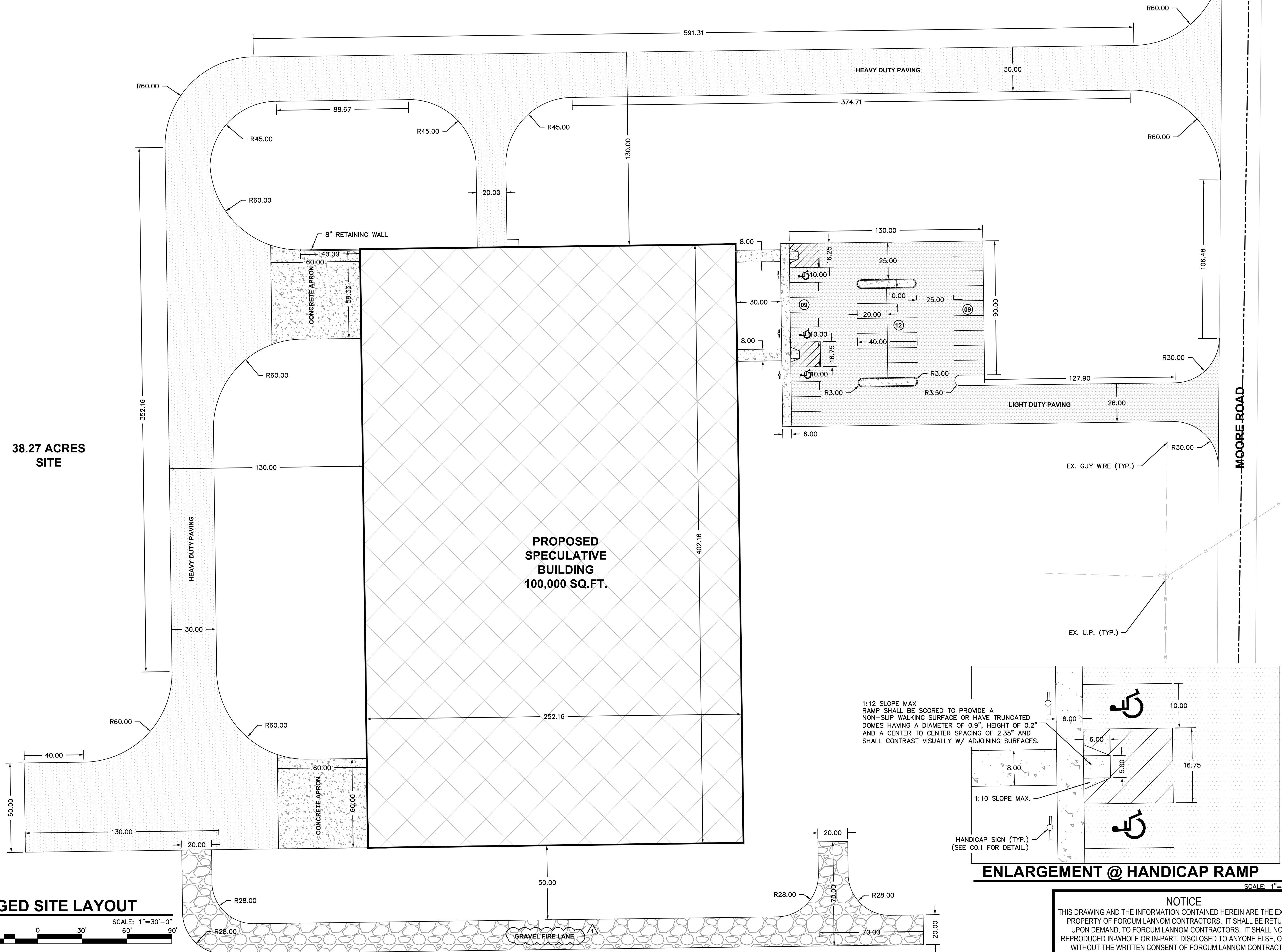
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ENLARGED SITE LAYOUT



38.27 ACRES
SITE



1:12 SLOPE MAX
RAMP SHALL BE SCORED TO PROVIDE A
NON-SLIP WALKING SURFACE OR HAVE TRUNCATED
DOMES HAVING A DIAMETER OF 0.9", HEIGHT OF 0.2"
AND A CENTER TO CENTER SPACING OF 2.35" AND
SHALL CONTRAST VISUALLY W/ ADJOINING SURFACES.

HANDICAP SIGN (TYP.)
(SEE C0.1 FOR DETAIL.)

ENLARGEMENT @ HANDICAP RAMP

SCALE: 1"=10'-0"

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BEST AND BEST LEASING
JONESBORO, ARKANSAS**

FORCUM LANNOM
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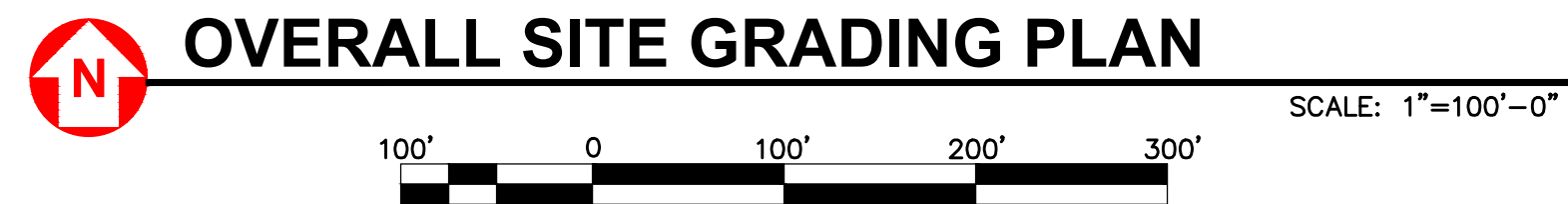
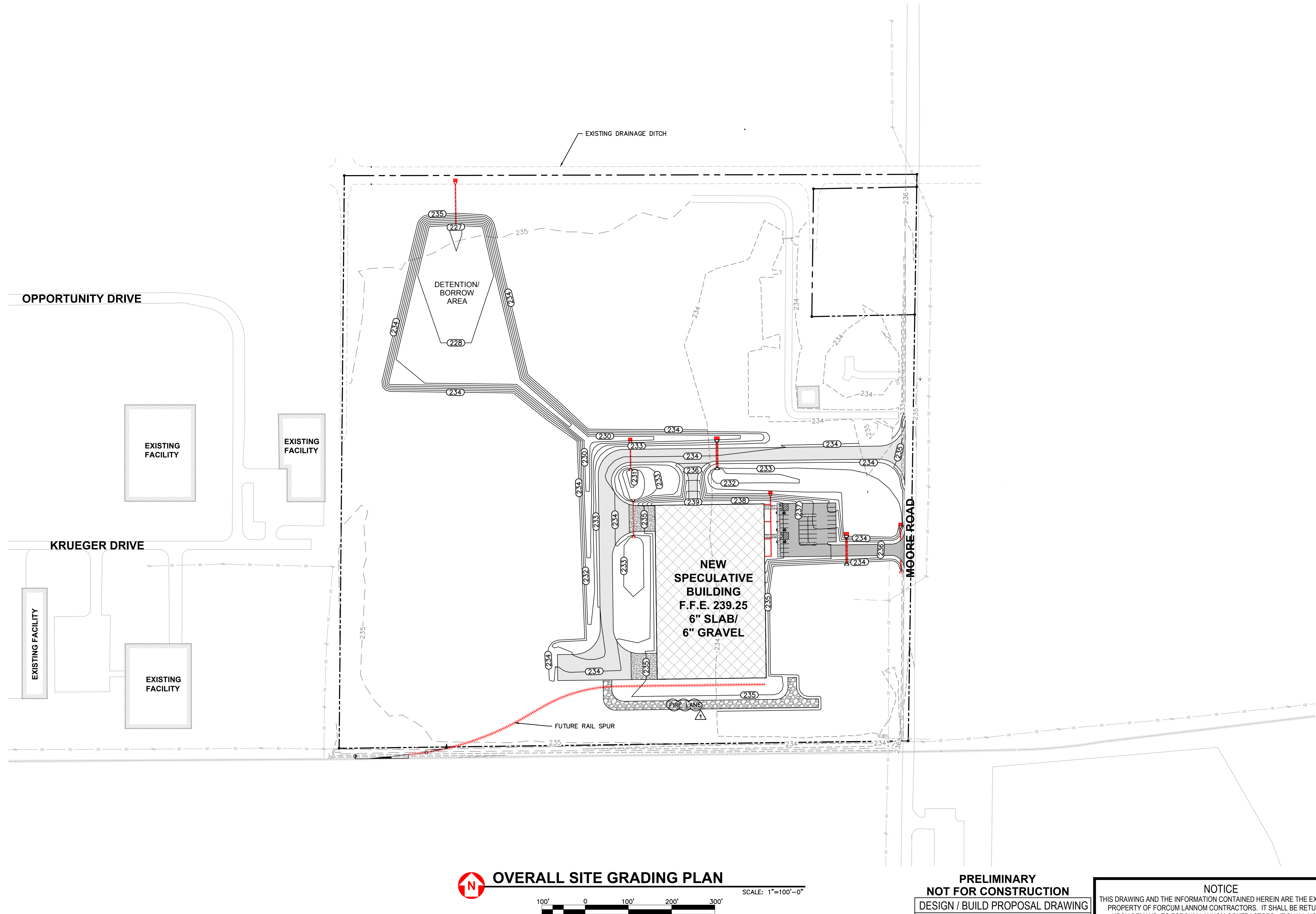
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Date **02-16-18**

Sheet **C2.1**

NO.	DATE	DESCRIPTION
1	02-16-18	FIRE LANE ADD

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Date	02-16-18		
Sheet	C3.0		
PRELIMINARY NOT FOR CONSTRUCTION			
PROJECT NO. 1725.TN DRAWN BY JWS DESIGN LEADER DHZ CHECKED BY - REVIEWED BY - (PROJECT MANAGER)			
		NO.	DESCRIPTION
		1	02-19-18 DATE
			FIRE LANE ADD

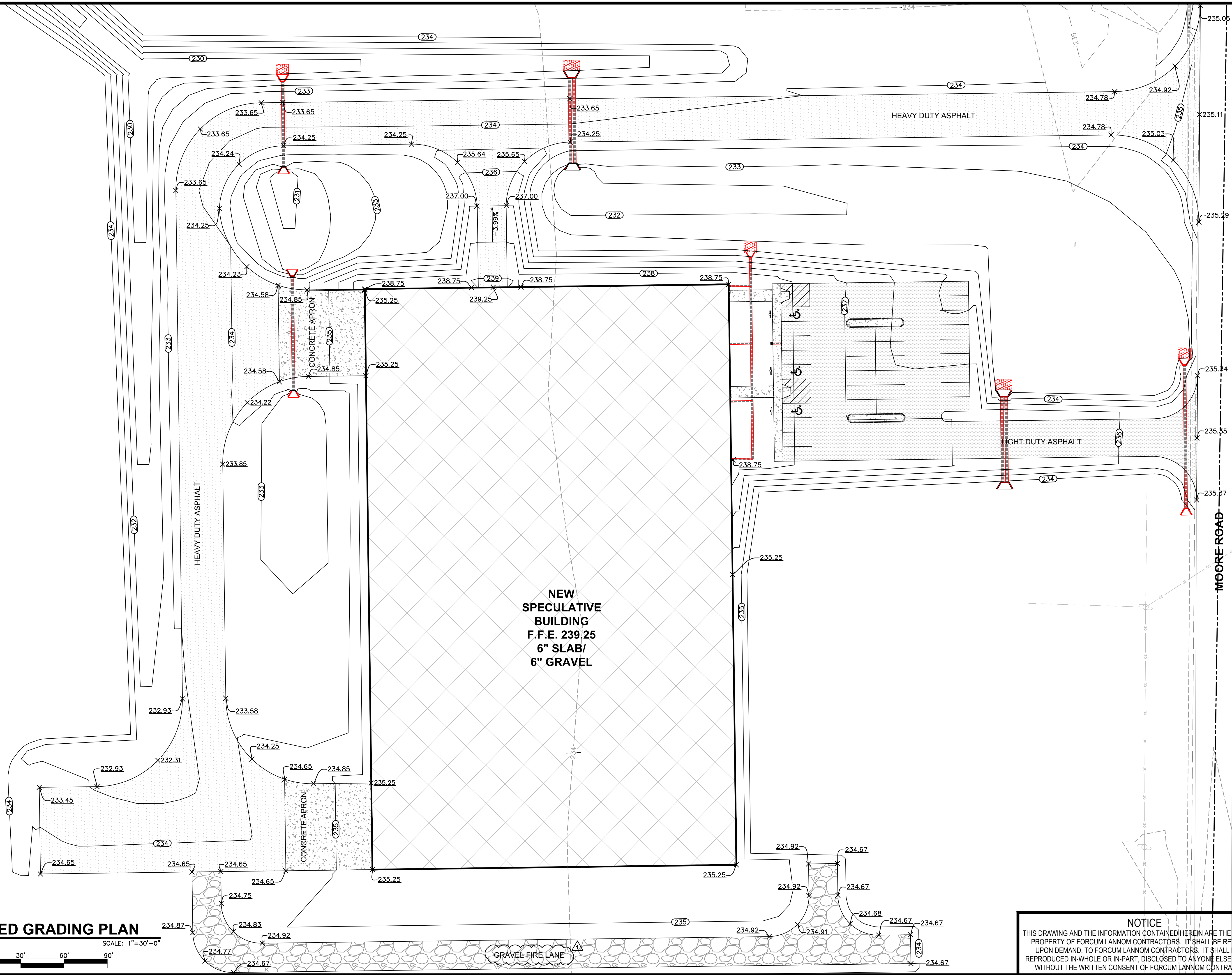
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ENLARGED GRADING PLAN

SCALE: 1"=30'-0"

30' 0 30' 60' 90'



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**PROPOSED SPECULATIVE BUILDING
BEST AND BEST LEASING
JONESBORO, ARKANSAS**

**FORCUM LANNOM
CONTRACTORS, LLC**

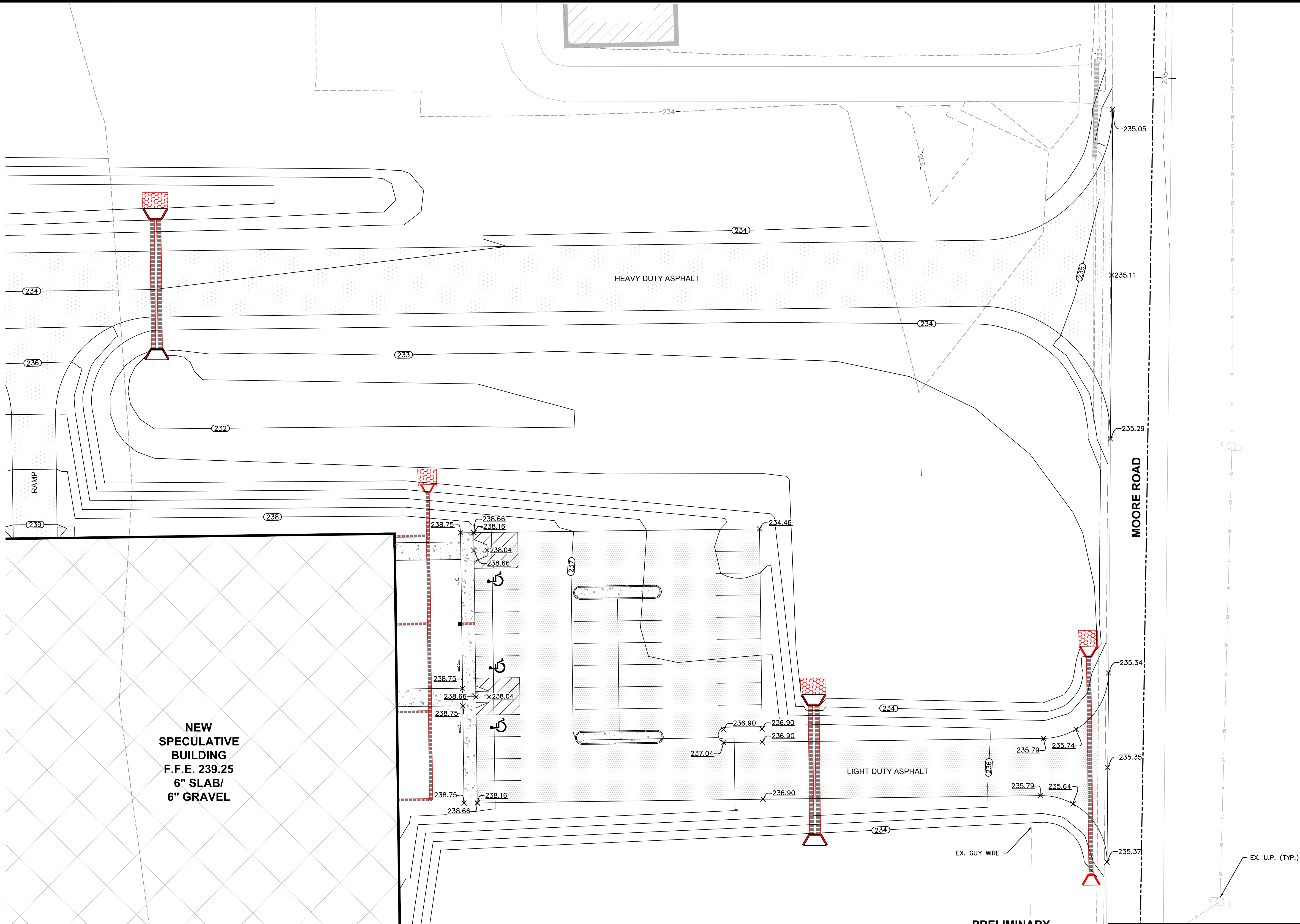
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Date **02-16-18**

Sheet **C3.1**

NO.	DATE	DESCRIPTION
1	02-19-18	FIRE LANE ADD

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ENLARGED GRADING PLAN-PARKING



SCALE: 1"=20'-0"

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BEST AND BEST LEASING
JONESBORO, ARKANSAS

FORCUM LANNOM
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Date **02-16-18**

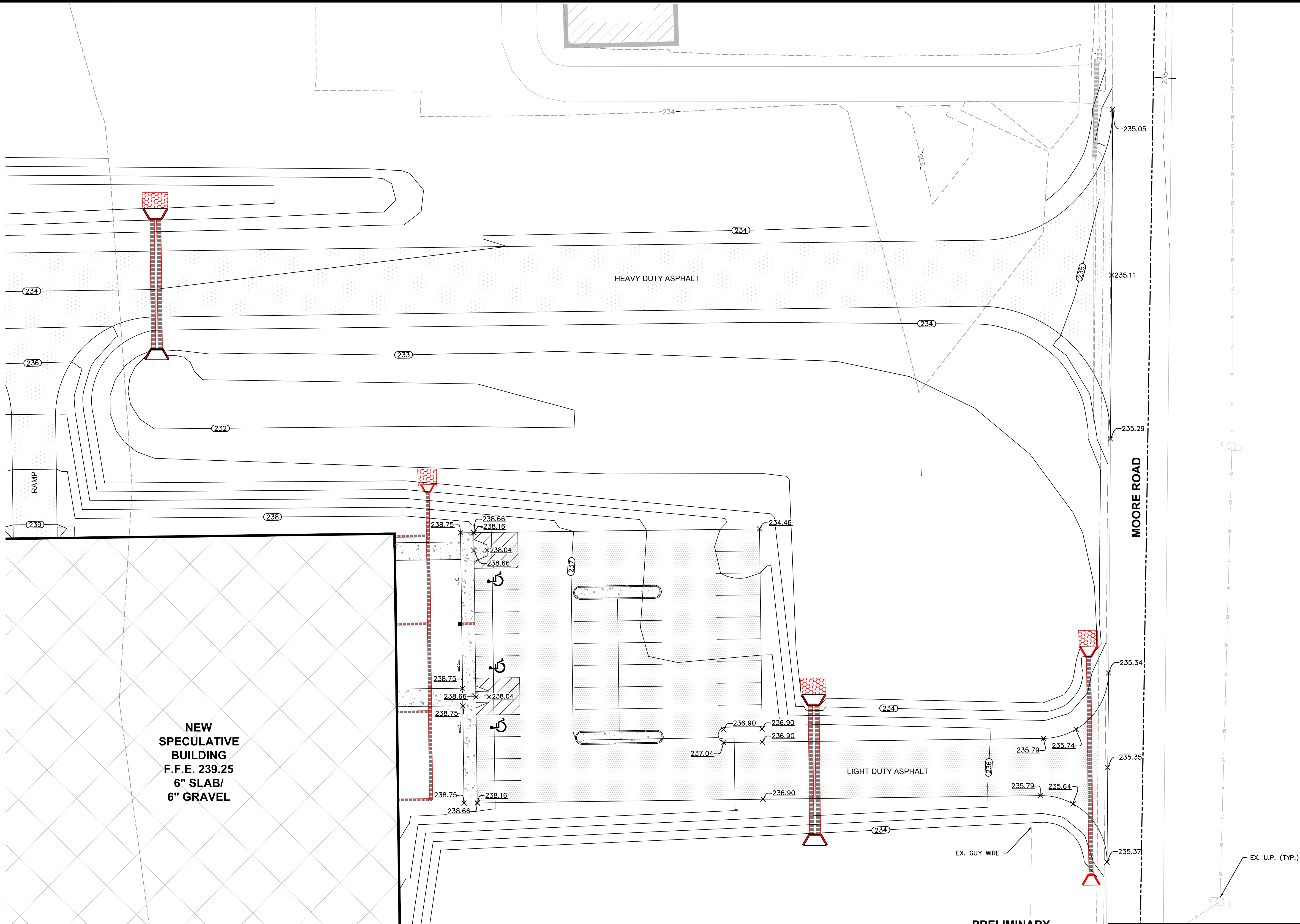
Sheet **C3.2**

DESCRIPTION

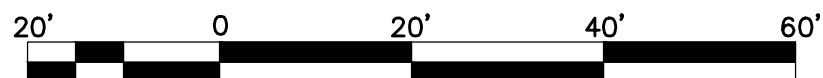
DATE

NO.

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ENLARGED GRADING PLAN-PARKING



SCALE: 1"=20'-0"

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PROPOSED SPECULATIVE BUILDING
BEST AND BEST LEASING
JONESBORO, ARKANSAS

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Sheet **C3.2**

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DESCRIPTION

DATE

NO.



A graphic scale bar with alternating black and white segments. Above the bar, the distances 100', 0, 100', 200', and 300' are marked.

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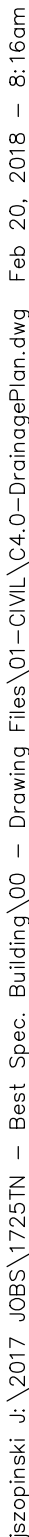
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DETENTION BASIN OUTFALL #2					
STORM (YR)	5	10	25	50	100
STAGE (FT.)	229.36	229.77	230.35	230.81	231.08
RELEASE (CFS)	3.49	3.84	4.29	4.66	9.37

REVIEWED BY - _____
(PROJECT MANAGER)

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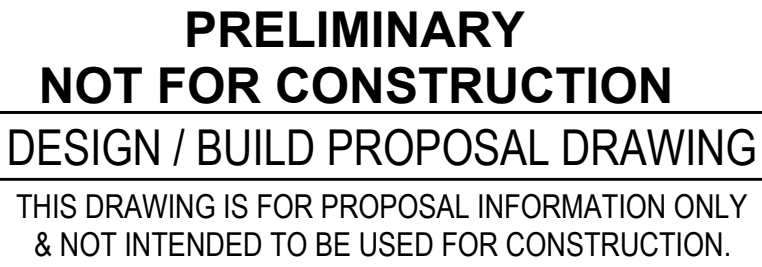
Sheet **C4.0**



NOTE: 4" PVC PIPE UNDER SIDEWALK WITH 12" X 12" YARD BOX.

STORMWATER DRAINAGE PIPES NOTES:

1. ALL DRAINAGE PIPES DESIGNATED TO HDPE SHALL BE ADS N-12 AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEM, INC. OR APPROVED EQUAL.
2. ALL DRAINAGE PIPES DESIGNATED TO BE CMP SHALL BE GALVANIZED OR ALUMINIZED STEEL WITH A MINIMUM OF 16 GAUGE.
3. ALL DRAINAGE PIPE DESIGNATED TO BE RCP SHALL BE LOAD CLASS II.
4. ALL DRAINAGE PIPES DESIGNATED PVC SHALL BE SCH. 40.
5. PIPE BEDDING: PIPE BEDDING ON TRENCH BOTTOM SHALL BE LINED WITH APPROVED FILL AND COMPACTED. THICKNESS OF THE FILL MAT SHALL BE AT LEAST 4". SEE DETAIL ON SHEET C0.1.
6. BACKFILL REQUIREMENTS: ALL TRENCHES EXCAVATED FOR THE INSTALLATION OF DRAINAGE, PRIVATE SANITARY SEWER, WATER OR ANY UTILITY IN PROPOSED PAVED AREAS SHALL BE COMPACTED AS OUTLINED BELOW:
 - A. PIPE SHALL BE BED AS SHOWN ON DETAIL SHEET C4.2.
 - B. COARSE GRAINED SOILS WITH LESS THAN FOUR PERCENT BY WEIGHT PASSING NO. 200 SIEVE SHALL BE COMPACTED TO 70% RELATIVE DENSITY AS DEFINED BY ASTM D-4253 AND ASTM D-4254.
 - C. TESTING: IN-PLACE DENSITY TESTS SHOULD BE PERFORMED AT FILL GRADE (12" ABOVE TOP OF PIPE) AND AT EVERY 6" LIFT OF FILL TO FINISHED GRADE FOR EVERY 100 LINEAL FEET OF PIPE.
 - D. THE SOILS ENGINEER SHALL MAKE THE SOLE DETERMINATION OF WHETHER COMPACTION HAS BEEN MET.
7. STORM WATER PIPING HAS BEEN DESIGNED FOR A 10 YEAR STORM WITH A MINIMUM TIME OF CONCENTRATION OF 5 MIN. WITH A MAXIMUM INTENSITY OF 7.99 in/hr.
8. NO GRADING SHALL EXCEED A SLOPE OF 4:1 EXCEPT WHERE INDICATED AROUND HEADWALLS AND PROTECTED BY RIP RAP.
9. ELEVATIONS SHOWN IN PIPE AND STRUCTURE CHARTS INDICATED TOP OF GRATE/INVERT OF HEADWALL/INVERT OF STORM DRAINAGE PIPE.
10. SEE SHEET C4.2 FOR DETAIL OF TYPICAL INLET STRUCTURES.



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Sheet		C4.1					