

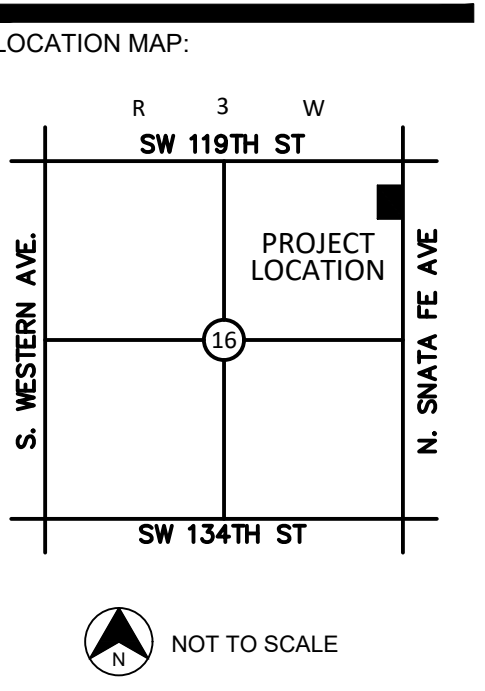
**LEGEND**

---	BOUNDARY LINE	⊕	FIRE HYDRANT
- - -	RIGHT OF WAY LINE	⊕	WATER VALVE
- · - · -	EASEMENT LINE	WMP	EX. WATER METER PIT
---	EXISTING CONCRETE CURB AND GUTTER	⊕	EX. WATER METER
---	PROPOSED CONCRETE CURB AND GUTTER	●	PROP. WATER METER
- · - · -	PROPOSED FIRE LANE STRIPING	⊕	EX. SPRINKLER VALVE
---	OHE	⊕	EX. AUTO SPRINKLER
---	UGE	⊕	EX. ELECT. PEDESTAL
---	GAS	⊕	EX. ELECT. TRANSFORMER
---	UGT	⊕	EX. ELECT. METER
---	FO	⊕	PROP. ELECT. METER
---	SS	⊕	EX. AIR CONDITIONER
---	8" W	⊕	EX. SIGNAGE
●	BENCHMARK	⊕	EX. LIGHT POLE
		⊕	PROP. LIGHT POLE
		⊕	EX. BOLLARD
⊕	EX. POWER POLE	⊕	EX. TELEPHONE PED.
⊕	PROP. POWER POLE	⊕	EX. TELEPHONE MANHOLE
⊕	EX. TELEPHONE PED.	⊕	EX. TRAFFIC SIGNAL LIGHT
⊕	EX. TELEPHONE MANHOLE	⊕	EX. TRAFFIC CONTROL BOX
⊕	EX. TRAFFIC SIGNAL LIGHT	⊕	EX. FLAG POLE
⊕	EX. TRAFFIC CONTROL BOX	⊕	EX. YARD LIGHT
⊕	EX. FLAG POLE	⊕	EX. GREASE TRAP
⊕	EX. YARD LIGHT	⊕	EX. SS MANHOLE
⊕	EX. GREASE TRAP	⊕	PROP. SS MANHOLE
⊕	EX. SS MANHOLE	⊕	EX. GAS METER
⊕	PROP. SS MANHOLE	⊕	PROP. GAS METER
⊕	EX. GAS METER	⊕	EX. ELECT. MANHOLE
⊕	PROP. GAS METER	⊕	EX. STORM MANHOLE
⊕	EX. ELECT. MANHOLE		
⊕	EX. STORM MANHOLE		

NOTE: CONTRACTOR SHALL ENSURE THAT PEDESTRIAN AND FIRE ACCESS TO THE EXISTING BUILDING IS PROVIDED AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION.

NOTE: CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY DAMAGE TO EXISTING PAVEMENT DUE TO CONSTRUCTION.

NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFE EGRESS AND INGRESS TO AND FROM SITE ALL ALL TIMES, AS WELL AS ALONG PUBLIC STREETS.



PROJECT:  
**HIGHLAND WEST JR. HIGH**

MOORE, OK

PROJECT NUMBER: 23069  
DRAWING DATE: 07.31.23  
ISSUE DATE: 07.31.23

SEAL:

SUBMITTAL:  
**PERMIT SET**

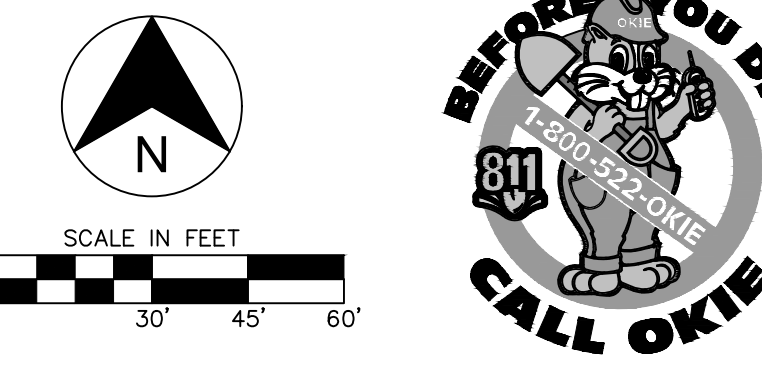
REVISIONS:

NO.	DATE	DESCRIPTION

THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE WRITTEN PERMISSION AND CONSENT OF CEDAR CREEK CONSULTING INC. THIS SHEET IS NOT TO BE USED FOR CONSTRUCTION UNLESS THE ISSUE DATE IN THE TITLE BLOCK COINCIDES WITH OR POST DATES THE DRAWING DATE. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF CEDAR CREEK CONSULTING INC. ARE UNAUTHORIZED AND SHALL RELIEVE CEDAR CREEK CONSULTING OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

DRAWING TITLE:

- DEMOLITION NOTES**
- THE CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE AND LOCAL CODES FOR THE DEMOLITION AND DISPOSAL OF ALL MATERIALS.
  - CEDAR CREEK CONSULTING, INC. SHALL NOT BE LIABLE FOR ANY DEMOLITION PROCEDURES, SCHEDULING, AND DISPOSING OF ANY MATERIALS.
  - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE SURE THAT THE PROPERTY IS NOT DAMAGED AND IS ACCESSIBLE AT ALL TIMES, AND THAT CONSTRUCTION DOES NOT CREATE ANY HARDSHIP TO LAND OWNERS.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FLAMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
  - THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE DISCONNECTION, REMOVAL AND RELOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR SERVICES. THE CONTRACT IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
  - THE CONTRACTOR IS RESPONSIBLE FOR REMOVING EXISTING IRRIGATION SYSTEM IN THE AREAS OF PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL CAP THE EXISTING IRRIGATION SYSTEM TO REMAIN SUCH THAT THE REMAINING SYSTEM SHALL CONTINUE TO FUNCTION PROPERLY.
  - THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ONSITE LOCATIONS OF EXISTING UTILITIES.
  - ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUDED IF UNDER BUILDINGS.
  - ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
  - THE CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC.
  - ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO DEMOLITION.
  - THE CONTRACTOR MAY LIMIT SAW-CUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THE CONSTRUCTION PLANS BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC., THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.
  - THE CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY INCLUDING FENCING AND CONSTRUCTION TRAILER AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.
  - THE CONTRACTOR SHALL COORDINATE WATERMAIN WORK WITH THE FIRE DEPARTMENT, THE CITY UTILITY DEPARTMENT TO PLAN PROPOSED IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE THROUGHOUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATERMAIN SHUT-OFFS WITH THE CITY/COUNTY DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATERMAIN SHUT-OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION WILL BE PROVIDED.
  - DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE. REPAIRS SHALL RESTORE DAMAGED ITEMS TO EQUAL OR BETTER THAN EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING ALL EXISTING DAMAGE AND NOTIFYING THE CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION START.
  - ALL TRENCHES AND/OR EXCAVATED AREAS SHALL BE FILLED /TESTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.
  - IF SEPTIC TANKS ARE FOUND PRESENT WITHIN THE LIMITS OF DISTURBANCE, THEY SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.
  - IF THE CONTRACTOR FINDS ANY UNDERGROUND TANKS ON SITE, THEY SHALL CONTACT THE ENGINEER IMMEDIATELY.
  - ALL WELLS SHALL BE CAPPED AND CLOSED IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL LAWS.
  - ALL ITEMS WITHIN LIMITS OF DEMOLITION SHALL BE REMOVED UNLESS OTHERWISE NOTED.
  - CONTRACTOR SHALL BEGIN CONSTRUCTION OF ANY LIGHT POLE BASES FOR RELOCATED LIGHT FIXTURES AND RELOCATION OF ELECTRICAL SYSTEM AS SOON AS DEMOLITION BEGINS. CONTRACTOR SHALL BE AWARE THAT INTERRUPTION OF POWER TO ANY LIGHT POLES OR SIGNS SHALL NOT EXCEED 24 HOURS.
  - CONTRACTOR IS TO VERIFY LOCATION OF EXISTING IRRIGATION SYSTEM, VALVE BOXES, CONTROL BOXES, BACKFLOW PREVENTION DEVICES AND LIGHTING CONDUIT. IF DAMAGED THEY MUST BE REPAIRED AT CONTRACTOR'S EXPENSE.



**DEMOLITION PLAN**

SHEET:  
**C1.00**



**SITE NOTES**

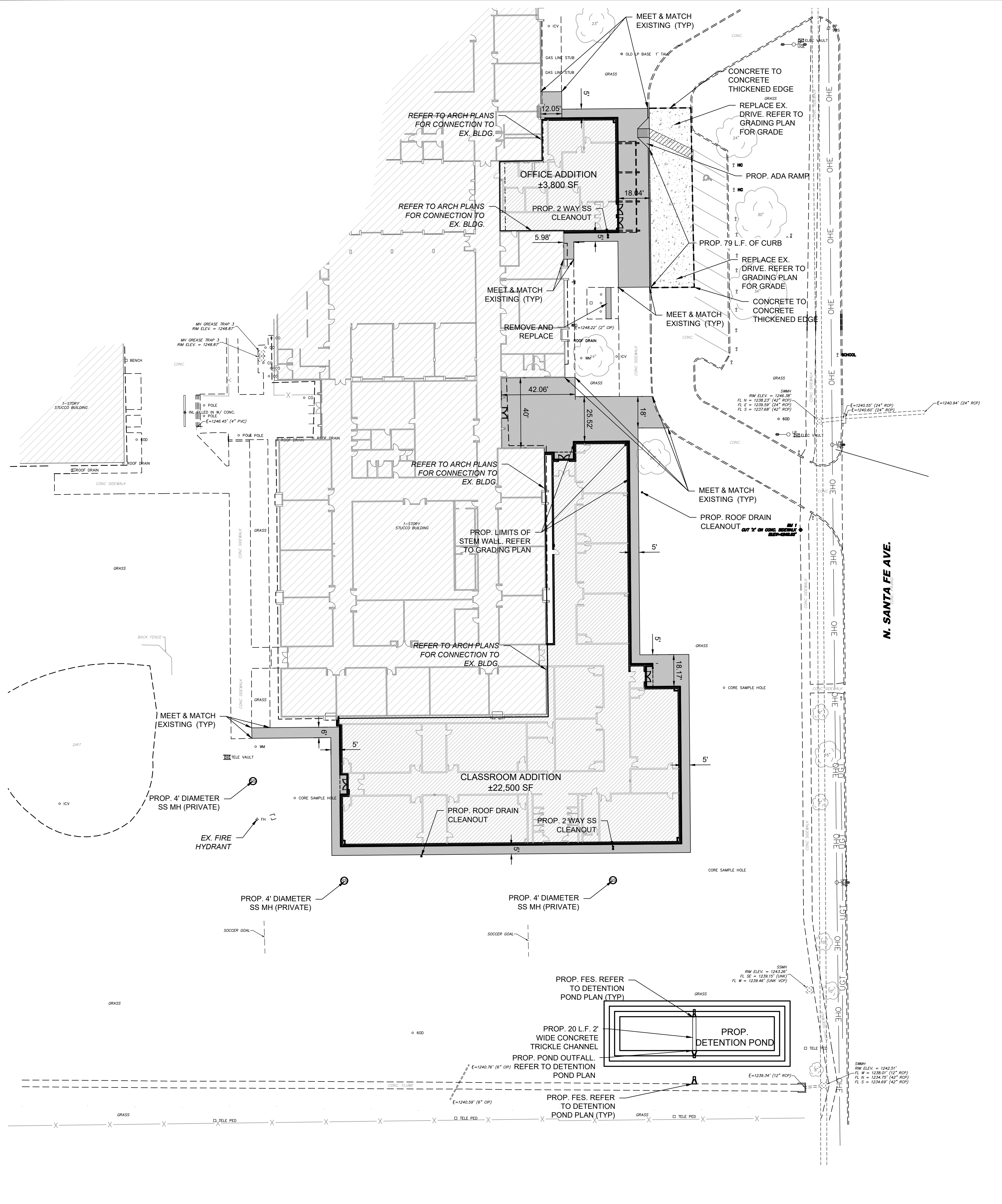
- A. CONTRACTOR SHALL REFER TO THE CONSTRUCTION DOCUMENTS INCLUDING BUT NOT LIMITED TO THE WRITTEN SPECIFICATIONS, CONSTRUCTION DRAWINGS, STORM WATER POLLUTION PLAN, AND GEOTECHNICAL REPORT.
- B. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE OWNERS DESIGN GUIDELINES AND SPECIFICATIONS, AND WHERE APPLICABLE SHALL MEET THE REQUIREMENTS OF THE GOVERNING/PERMITTING AUTHORITY HAVING JURISDICTION.
- C. CONTRACTOR IS RESPONSIBLE FOR THEIR OWN HORIZONTAL AND VERTICAL CONTROL, REFERENCE POINTS AND CONSTRUCTION STAKING AS INCIDENTAL TO THE PROJECT.
- D. THE CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS/PROPERTY LINES/UTILITIES/DRAINAGE PRIOR TO CONSTRUCTION START.
- E. ALL WORK NOT CLASSIFIED AS A CONTRACT PAY ITEM SHALL BE CONSIDERED AS INCIDENTAL AND THE COST THEREOF SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS WHICH ARE CLASSIFIED FOR PAYMENT.
- F. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL AND MEP PLANS AND SPECIFICATIONS BEING A PART OF THE CONSTRUCTION DOCUMENTS FOR THE EXACT LOCATIONS AND DIMENSIONS OF ENTRY, EXIT PORCHES, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE, AND DOWNSPOUT LOCATIONS/SPECIFICATIONS/DETAILS.
- G. ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB (FC) UNLESS OTHERWISE NOTED.
- H. PARKING LOT STRIPING SHALL BE 4" WIDE AND WHITE IN COLOR. HANDICAP PARKING STALLS STRIPING AND SIGNAGE SHALL BE IN STRICT ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS.
- I. UNLESS OTHERWISE NOTED ALL RADII SHALL BE 3'.
- J. BUILDING DIMENSIONS ARE TO OUTSIDE OF MASONRY, UNLESS OTHERWISE SHOWN.
- K. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION AND DETAILS OF ALL UTILITY ENTRANCES. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED, AS WELL AS COORDINATED WITH ANY UTILITY COMPANIES FOR APPROVED LOCATIONS AND SCHEDULING OF TIE-INS/CONNECTIONS TO THEIR FACILITIES.
- L. REFER TO ARCHITECTURE PLANS FOR SITE LIGHTING AND ELECTRICAL CONDUIT PLANS. POLE LOCATIONS ARE SHOWN ON THIS SHEET FOR REFERENCE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND ADJUST ANY CONSTRUCTED CONFLICTS WITH UNDERGROUND UTILITIES, SIDEWALKS, ETC.
- M. CHECK ARCHITECTURAL PLANS FOR EXACT DOWNSPOUT LOCATIONS.
- N. CONTRACTOR SHALL REFER TO LANDSCAPE AND IRRIGATION PLAN FOR LOCATION AND CONSTRUCTION DETAILS OF LANDSCAPING AND IRRIGATION.

**LEGEND**

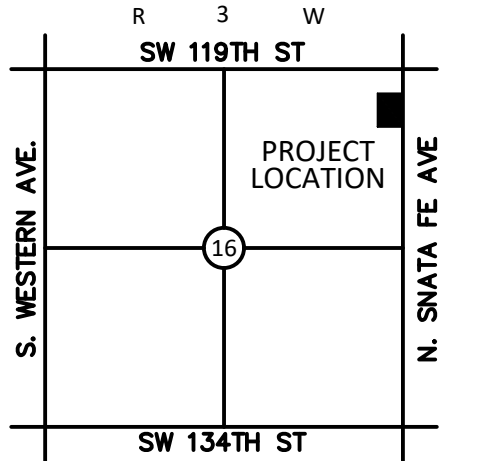
- BOUNDARY LINE
- - - RIGHT OF WAY LINE
- - - EASEMENT LINE
- - - EXISTING CONCRETE CURB AND GUTTER
- - - PROPOSED CONCRETE CURB AND GUTTER
- - - PROPOSED FIRE LANE STRIPING
- OHE OVERHEAD ELECTRIC
- UGE UNDERGROUND ELECTRIC
- GAS GAS LINE
- UGT UNDERGROUND TELEPHONE
- FO UNDERGROUND FIBER OPTIC
- SS SANITARY SEWER
- 8"W WATERLINE
- BENCHMARK
- FD FIRE DRYPANT
- WV WATER VALVE
- WMP EX. WATER METER PIT
- WM EX. WATER METER
- PROP. WATER METER
- SV EX. SPRINKLER VALVE
- AS EX. AUTO SPRINKLER
- EPD EX. ELECT. PEDESTAL
- ET EX. ELECT. TRANSFORMER
- EM EX. ELECT. METER
- PROP. ELECT. METER
- AC EX. AIR CONDITIONER
- EX. SIGNAGE
- EX. LIGHT POLE
- PROP. LIGHT POLE
- EX. BOLLARD
- VS VERTICAL SEPARATION REQUIREMENT
- EX. POWER POLE
- TPD PROP. POWER POLE
- EX. TELEPHONE PED.
- EX. TELEPHONE MANHOLE
- EX. TRAFFIC SIGNAL LIGHT
- EX. TRAFFIC CONTROL BOX
- EX. FLAG POLE
- EX. YARD LIGHT
- EX. GREASE TRAP
- EX. SS MANHOLE
- PROP. SS MANHOLE
- EX. GAS METER
- ▲ PROP. GAS METER
- EX. ELECT. MANHOLE
- EX. STORM MANHOLE
- PROP. INLETS (SEE GRADING PLAN FOR TYPE)

NOTE: CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL PROPOSED WORK MEETS ADA REQUIREMENTS. REFER TO [www.access-board.gov/ada-aba/ada-standards-doj.cfm](http://www.access-board.gov/ada-aba/ada-standards-doj.cfm)

NOTE: CONTRACTOR SHALL CONSTRUCT AND INSTALL WHEEL STOPS, SIGNS, AND ADA RAMPS AT ALL HANDICAP SPACES.



**LOCATION MAP:**



NOT TO SCALE

**PROJECT:**

**HIGHLAND WEST JR. HIGH**

MOORE, OK

PROJECT NUMBER: 23069  
 DRAWING DATE: 07.31.23  
 ISSUE DATE: 07.31.23

**SEAL:**



**SUBMITTAL:**

**PERMIT SET**

**REVISIONS:**

MARK	DATE	DESCRIPTION

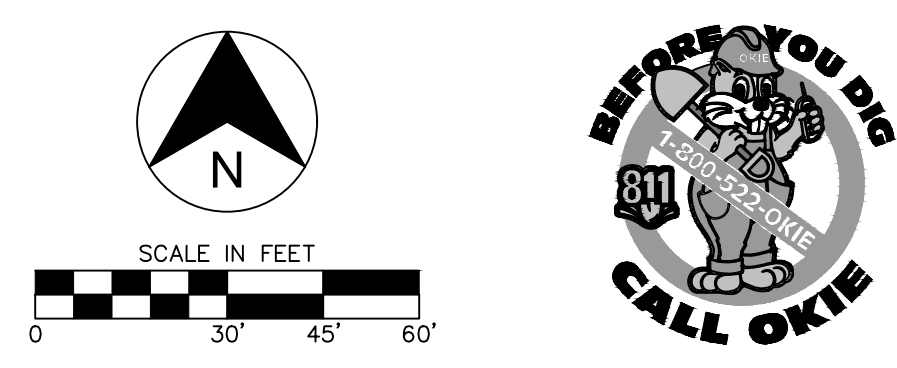
THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE WRITTEN PERMISSION AND CONSENT OF CEDAR CREEK CONSULTING INC. THIS SHEET IS NOT TO BE USED FOR CONSTRUCTION UNLESS THE ISSUE DATE IN THE TITLE BLOCK COINCIDES WITH OR POST DATES THE DRAWING DATE. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF CEDAR CREEK CONSULTING INC. ARE UNAUTHORIZED AND SHALL RELIEVE CEDAR CREEK CONSULTING OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

**DRAWING TITLE:**

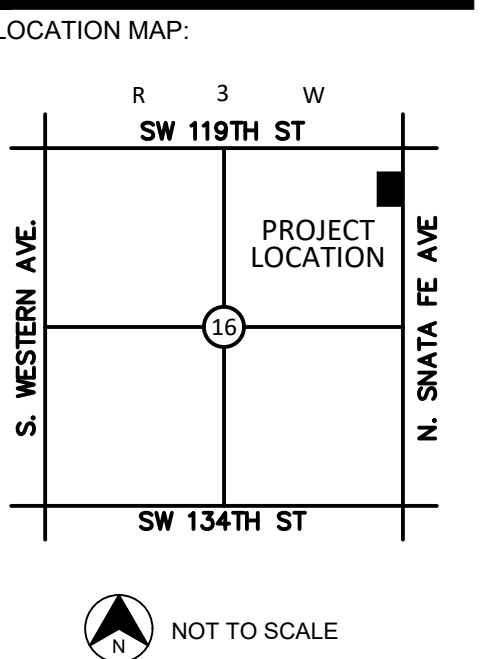
**SITE PLAN**

**SHEET:**

**C2.00**







PROJECT:  
**HIGHLAND WEST JR. HIGH**  
 MOORE, OK

PROJECT NUMBER: 23069  
 DRAWING DATE: 07.31.23  
 ISSUE DATE: 07.31.23



SUBMITTAL:  
**PERMIT SET**

REVISIONS:

NO.	DATE	DESCRIPTION

THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE WRITTEN PERMISSION AND CONSENT OF CEDAR CREEK CONSULTING INC. THIS SHEET IS NOT TO BE USED FOR CONSTRUCTION UNLESS THE ISSUE DATE IN THE TITLE BLOCK COINCIDES WITH OR POST DATES THE DRAWING DATE. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF CEDAR CREEK CONSULTING INC. ARE UNAUTHORIZED AND SHALL RELIEVE CEDAR CREEK CONSULTING OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

DRAWING TITLE:

**GRADING PLAN**

SHEET:  
**C3.00**

**GRADING NOTES**

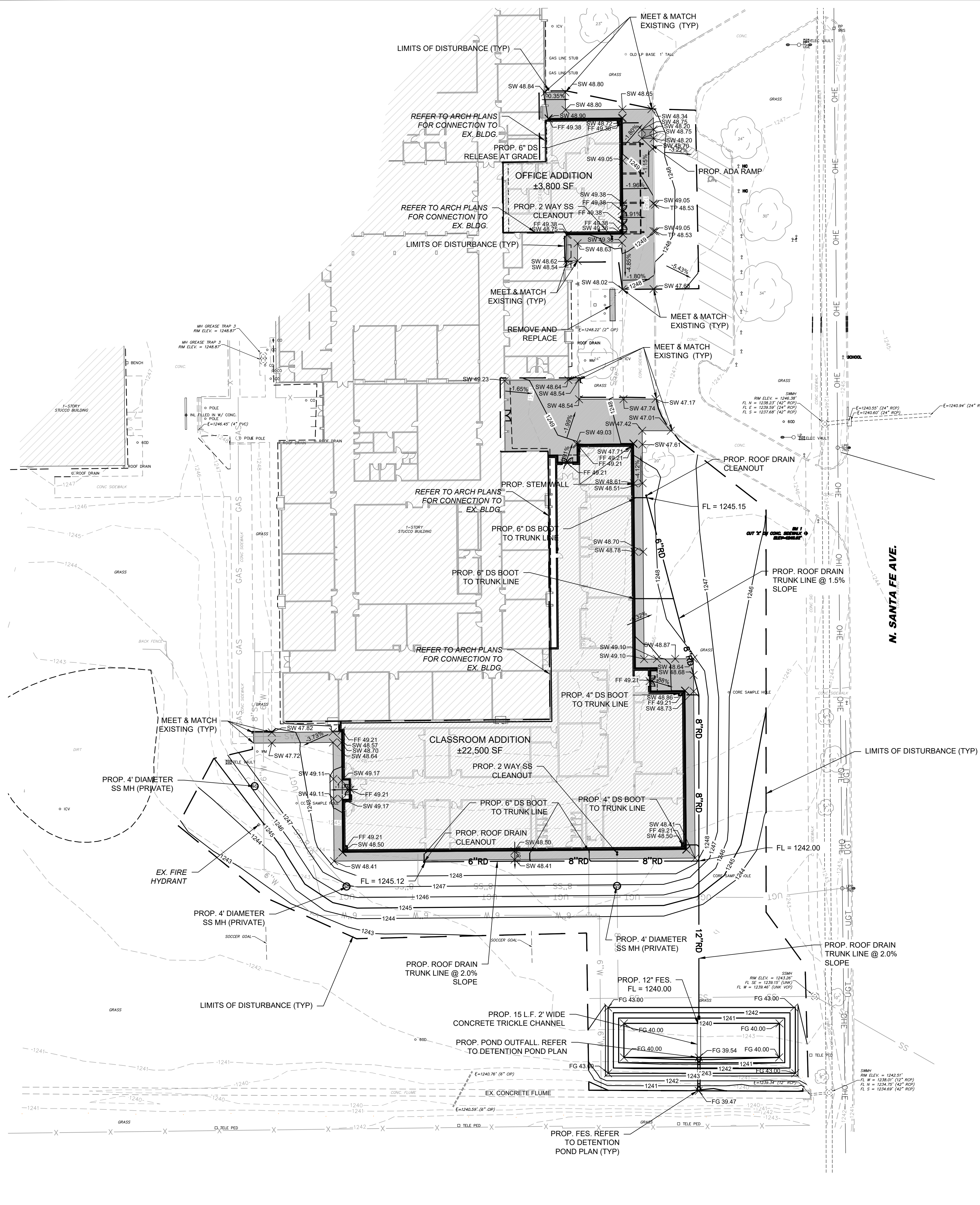
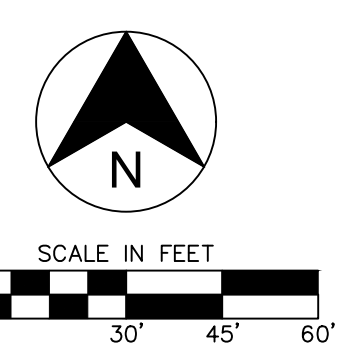
- CONTRACTOR SHALL REFER TO THE SITE SPECIFIC GEOTECHNICAL REPORT FOR EXISTING SOIL CONDITIONS, CONSIDERATIONS, AND RECOMMENDATIONS.
- CONTRACTOR SHALL REFER TO THE CONSTRUCTION DOCUMENTS INCLUDING BUT NOT LIMITED TO THE WRITTEN SPECIFICATIONS, CONSTRUCTION DRAWINGS, STORM WATER POLLUTION PLAN, AND GEOTECHNICAL REPORT.
- CONTRACTOR IS RESPONSIBLE FOR THEIR OWN HORIZONTAL AND VERTICAL CONTROL, REFERENCE POINTS AND CONSTRUCTION STAKING AS INCIDENTAL TO THE PROJECT.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS/PROPERTY LINES/UTILITIES/DRAINAGE PRIOR TO CONSTRUCTION START.
- ALL SITE EXCAVATION SHALL BE CONSIDERED UNCLASSIFIED EXCAVATION.
- GENERAL CONTRACTOR TO PROVIDE A UNIT PRICE FOR REMOVAL AND REPLACEMENT OF SOILS ON THIS SITE SHOULD REMOVAL BE REQUIRED.
- ALL WORK NOT CLASSIFIED AS A CONTRACT PAY ITEM SHALL BE CONSIDERED AS INCIDENTAL AND THE COST THEREOF SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS WHICH ARE CLASSIFIED FOR PAYMENT.
- CONTRACTOR SHALL PROVIDE FINAL GRADES THAT DO NOT OBSTRUCT ANY UTILITY ACCESS AND PROVIDE A SMOOTH TRANSITION TO MEET AND MATCH EXISTING GRADES ON ALL SIDES.
- ADA ROUTES ARE NOT TO EXCEED 1:20 RUNNING SLOPE AND 2% CROSS SLOPE. HANDICAP PARKING AND ACCESS AISLES SHALL NOT EXCEED 2% IN ANY DIRECTION.
- ALL NATURAL GROUND SLOPES SHALL NOT EXCEED 3:1. PAVING SLOPES SHALL NOT EXCEED 8%.
- CONTRACTOR SHALL ENSURE THAT ALL NECESSARY EARTH DISTURBING PERMITS HAVE BEEN ACQUIRED AND MEET THE CONDITIONS/REQUIREMENTS SET FORTH IN THE PERMITS PRIOR TO CONSTRUCTION.
- CONTRACTOR IS REQUIRED TO CALL ONE CALL AS WELL AS THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION/CONSTRUCTION ACTIVITIES TAKE PLACE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS.
- THE CONTRACTOR SHALL GRADE SITE TO ENSURE ALL SURFACE WATER DRAINAGE IS AWAY AT LEAST 48 HOURS AND PROVIDES POSITIVE DRAINAGE SO THAT NO STANDING/PONDING WATER TAKES PLACE ON SITE OR ON ADJACENT PROPERTIES.
- ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE OWNERS DESIGN GUIDELINES AND SPECIFICATIONS, AND WHERE APPLICABLE SHALL MEET THE REQUIREMENTS OF THE GOVERNING/PERMITTING AUTHORITY HAVING JURISDICTION.
- THE BUILDING SUBGRADE SHALL BE CONSTRUCTED TO INCLUDE A MINIMUM OF 10 FEET BEYOND THE BUILDING LIMITS AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE OWNER.
- REFERENCE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR REQUIRED FLOOR SLAB THICKNESS.
- THE BUILDING PAD SUBGRADE SHALL BE PREPARED IN STRICT ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING STUDY AND THE CIVIL SPECIFICATIONS.
- ESTABLISH FINAL SUBGRADE ELEVATIONS TO ALLOW FOR PAVEMENT/SLAB SECTIONS AS INDICATED ON THE PLANS.
- IF CONFLICTS EXIST BETWEEN THE GEOTECHNICAL REPORT AND THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.

**LEGEND**

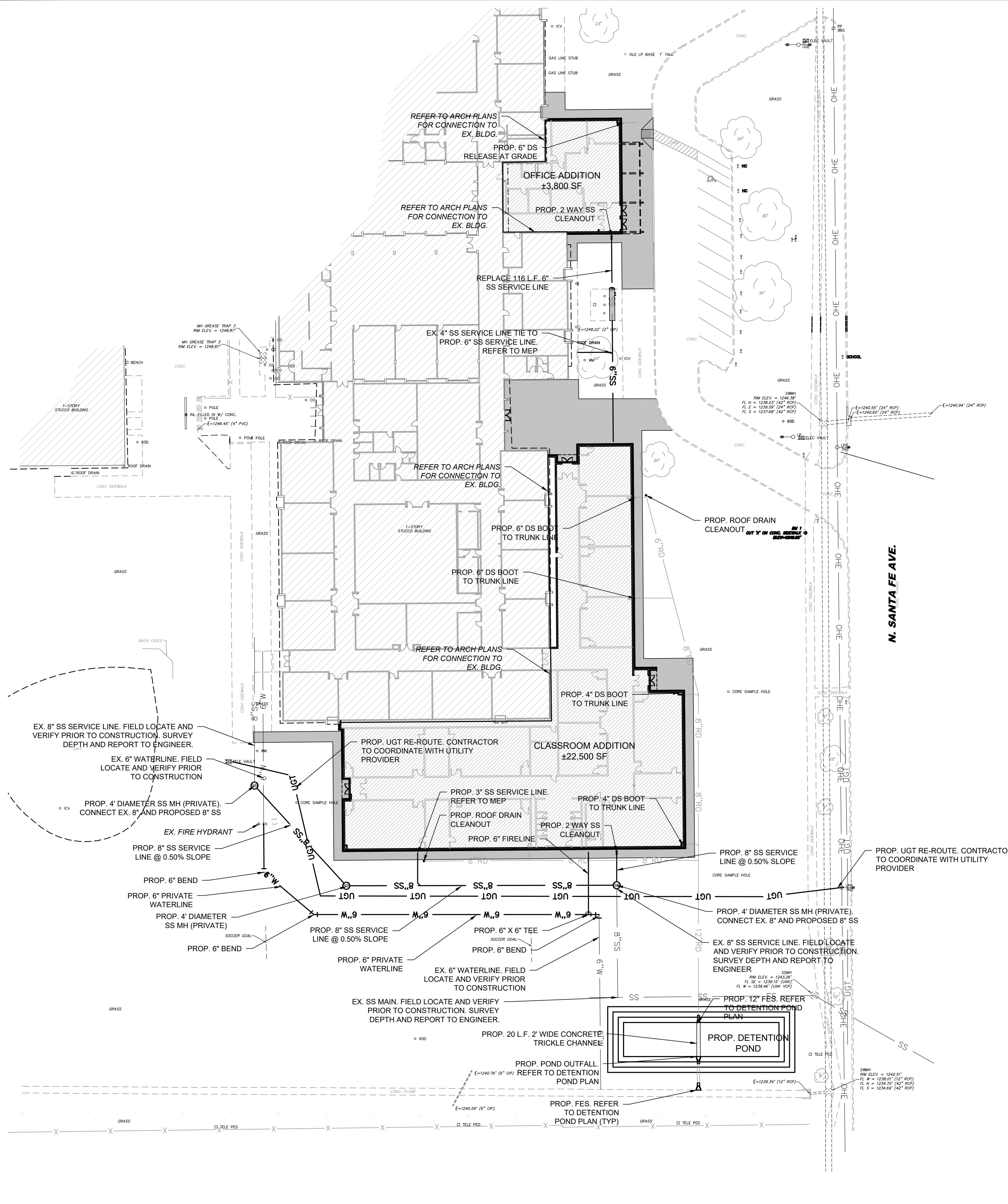
- BOUNDARY LINE
- - - RIGHT OF WAY LINE
- - - EASEMENT LINE
- EXISTING CONCRETE CURB AND GUTTER
- PROPOSED CONCRETE CURB AND GUTTER
- PROPOSED FIRE LANE STRIPING
- OHE OVERHEAD ELECTRIC
- UGE UNDERGROUND ELECTRIC
- GAS GAS LINE
- UGT UNDERGROUND TELEPHONE
- FO UNDERGROUND FIBER OPTIC
- SS SANITARY SEWER
- 8"W WATERLINE
- BENCHMARK
- ⊕ FIRE HYDRANT
- ⊕ WATER VALVE
- ⊕ EX. WATER METER PIT
- ⊕ EX. WATER METER
- PROP. WATER METER
- ⊕ EX. SPRINKLER VALVE
- ⊕ EX. AUTO SPRINKLER
- ⊕ EX. ELECT. PEDESTAL
- ⊕ EX. ELECT. TRANSFORMER
- ⊕ EX. ELECT. METER
- ⊕ PROP. ELECT. METER
- ⊕ EX. AIR CONDITIONER
- ⊕ EX. SIGNAGE
- ⊕ PROP. LIGHT POLE
- ⊕ EX. BOLLARD
- ⊕ VERTICAL SEPARATION REQUIREMENT
- ⊕ EX. POWER POLE
- ⊕ PROP. POWER POLE
- ⊕ EX. TELEPHONE PED.
- ⊕ EX. TELEPHONE MANHOLE
- ⊕ EX. TRAFFIC SIGNAL LIGHT
- ⊕ EX. TRAFFIC CONTROL BOX
- ⊕ EX. FLAG POLE
- ⊕ EX. YARD LIGHT
- ⊕ EX. GREASE TRAP
- ⊕ EX. SS MANHOLE
- ⊕ PROP. SS MANHOLE
- ⊕ EX. GAS METER
- ⊕ PROP. GAS METER
- ⊕ EX. ELECT. MANHOLE
- ⊕ EX. STORM MANHOLE

**SPOT ELEVATION LEGEND**

- TC - TOP OF CURB
- G - GUTTER
- TP - TOP OF PAVEMENT
- HP - HIGH POINT
- LP - LOW POINT
- SW - SIDEWALK
- FF - FINISH FLOOR
- FG - FINAL GRADE
- TW - TOP OF WALL
- BW - BOTTOM OF WALL
- NOTE: BW IS BOTTOM OF WALL AT GRADE, NOT FOOTING
- ⊕ VERTICAL SEPARATION REQUIREMENT



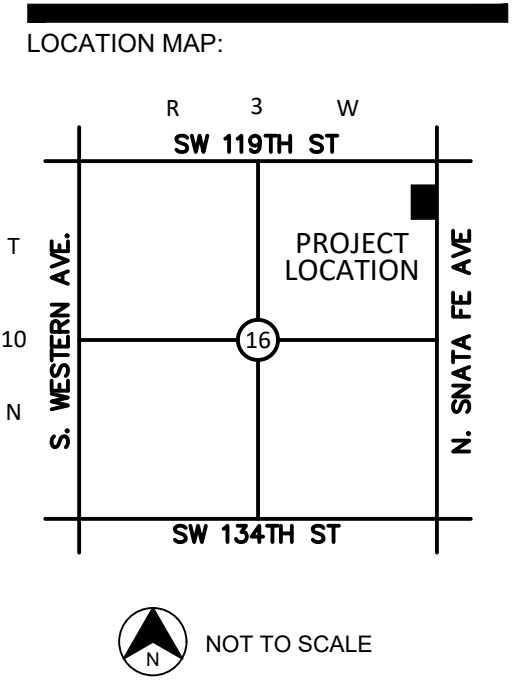




### LEGEND

	BOUNDARY LINE		EX. POWER POLE
	RIGHT OF WAY LINE		PROP. POWER POLE
	EASEMENT LINE		EX. TELEPHONE PED.
	EXISTING CONCRETE CURB AND GUTTER		EX. TELEPHONE MANHOLE
	PROPOSED CONCRETE CURB AND GUTTER		EX. TRAFFIC SIGNAL LIGHT
	PROPOSED FIRE LANE STRIPING		EX. TRAFFIC CONTROL BOX
	OHE OVERHEAD ELECTRIC		EX. FLAG POLE
	UGE UNDERGROUND ELECTRIC		EX. YARD LIGHT
	GAS GAS LINE		EX. GREASE TRAP
	UGT UNDERGROUND TELEPHONE		EX. SS MANHOLE
	FO UNDERGROUND FIBER OPTIC		PROP. SS MANHOLE
	SS SANITARY SEWER		EX. GAS METER
	8\"/>		
	BENCHMARK		PROP. GAS METER
	FIRE HYDRANT		EX. ELECT. MANHOLE
	WATER VALVE		EX. STORM MANHOLE
	EX. WATER METER PIT		PROP. INLETS (SEE GRADING PLAN FOR TYPE)
	EX. WATER METER		VERTICAL SEPARATION REQUIREMENT
	PROP. WATER METER		
	EX. SPRINKLER VALVE		
	EX. AUTO SPRINKLER		
	EX. ELECT. PEDestal		
	EX. ELECT. TRANSFORMER		
	EX. ELECT. METER		
	PROP. ELECT. METER		
	EX. AIR CONDITIONER		
	EX. SIGNAGE		
	EX. LIGHT POLE		
	PROP. LIGHT POLE		
	EX. BOLLARD		

- ### UTILITY NOTES
- A. CONTRACTOR SHALL REFER TO THE CONSTRUCTION DOCUMENTS INCLUDING BUT NOT LIMITED TO THE WRITTEN SPECIFICATIONS, CONSTRUCTION DRAWINGS, STORM WATER POLLUTION PLAN, AND GEOTECHNICAL REPORT.
  - B. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE OWNER'S DESIGN GUIDELINES AND SPECIFICATIONS, AND WHERE APPLICABLE SHALL MEET THE REQUIREMENTS OF THE GOVERNING/PERMITTING AUTHORITY HAVING JURISDICTION.
  - C. CONTRACTOR IS RESPONSIBLE FOR THEIR OWN HORIZONTAL AND VERTICAL CONTROL, REFERENCE POINTS AND CONSTRUCTION STAKING AS INCIDENTAL TO THE PROJECT.
  - D. THE CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS/PROPERTY LINES/UTILITIES/DRAINAGE PRIOR TO CONSTRUCTION START.
  - E. ALL WORK NOT CLASSIFIED AS A CONTRACT PAY ITEM SHALL BE CONSIDERED AS INCIDENTAL AND THE COST THEREOF SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS WHICH ARE CLASSIFIED FOR PAYMENT.
  - F. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL AND MEP PLANS AND SPECIFICATIONS BEING A PART OF THE CONSTRUCTION DOCUMENTS FOR THE EXACT LOCATIONS AND DIMENSIONS OF ENTRY, EXIT PORCHES, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE, AND DOWNSPOUT LOCATIONS/SPECIFICATIONS/DETAILS.
  - G. REFER TO ARCHITECTURE PLANS FOR SITE LIGHTING/LIGHT POLE BASES AND ELECTRICAL CONDUIT PLACEMENT AND SPECIFICATIONS. POLE LOCATIONS ARE SHOWN ON THIS SHEET FOR REFERENCE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND ADJUST ANY CONSTRUCTED CONFLICTS WITH UNDERGROUND UTILITIES, SIDEWALKS, ETC.
  - H. CONTRACTOR IS REQUIRED TO CALL ONE CALL AS WELL AS THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION/CONSTRUCTION ACTIVITIES TAKE PLACE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS.
  - I. CONTRACTOR SHALL ENSURE ALL CONSTRUCTED UTILITIES MEET THE MINIMUM SEPARATION AND COVER REQUIREMENTS SET FORTH BY THE PROVIDER, FEDERAL/STATE/LOCAL REGULATIONS, OR SPECIFICATIONS. IN THE EVENT THERE IS A CONFLICT THE MOST STRINGENT SHALL APPLY.
  - J. GENERAL CONTRACTOR TO PROVIDE 2'X2'X6" THICK CONCRETE APRON AT ALL CLEANOUTS, VALVES AND METERS OUTSIDE OF BUILDING.
  - K. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TAP AND TIE ON FEES REQUIRED, AS WELL AS COST OF UNDERGROUND SERVICE CONNECTIONS TO THE BUILDINGS.
  - L. THRUST BLOCKING SHALL BE PROVIDED AT ALL BENDS, TEES, AND FIRE HYDRANTS.
  - M. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
  - N. ALL WATER AND SANITARY SEWER LEADS TO BUILDING SHALL END 5' OUTSIDE THE BUILDING LIMITS AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT END.
  - O. ALL FIRE HYDRANTS SHALL BE PROVIDED WITH AN APPROVED GATE VALVE A MAXIMUM OF 5'(UNLESS OTHERWISE SPECIFIED BY CITY OFFICIAL) FROM HYDRANT.
  - P. CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
  - Q. REFER TO FIRE PROTECTION SHEETS FOR LOCATION AND DETAIL OF FIRE LINE LEAD IN. FIRE LINE SHALL BE STUBBED UP 1' ABOVE FFE IN SPRINKLER ROOM.
  - R. REFER TO PLUMBING SHEETS FOR LOCATION AND DETAILS OF SEWER, DOMESTIC, AND IRRIGATION CONNECTIONS.
  - S. CONTRACTOR SHALL REFER TO IRRIGATION PLANS FOR ACTUAL LOCATION, SIZE, LENGTH AND DEPTH. TEMPORARILY PLUG BOTH ENDS. IRRIGATION CONTRACTOR WILL REMOVE TEMPORARY PLUGS, INSTALL LINES AND PROPERLY SEAL BOTH ENDS.
  - T. THE FIRE DEPARTMENT CONNECTION (FDC) SHALL BE LOCATED ON THE STREET SIDE OF ANY STRUCTURE. THE FDC SHALL BE LOCATED AND ARRANGED SO THAT THE HOSE LINES CAN BE READILY ATTACHED TO THE INLETS WITHOUT INTERFERENCE FROM OBJECTS.
  - U. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE EXTENSIONS OF ALL UTILITY SERVICE LINES TO THE MAIN UTILITY LINES.
  - V. ALL CONDUIT SHALL BE SCHEDULE 40 PVC, UNLESS OTHERWISE NOTED.
  - W. CONTRACTOR SHALL REFER TO LANDSCAPE AND IRRIGATION PLAN FOR LOCATION AND CONSTRUCTION DETAILS OF LANDSCAPING AND IRRIGATION.



PROJECT:

## HIGHLAND WEST JR. HIGH

MOORE, OK

PROJECT NUMBER: 23069  
 DRAWING DATE: 07.31.23  
 ISSUE DATE: 07.31.23



SUBMITTAL:

### PERMIT SET

REVISIONS:

NO.	DATE	DESCRIPTION

THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE WRITTEN PERMISSION AND CONSENT OF CEDAR CREEK CONSULTING INC. THIS SHEET IS NOT TO BE USED FOR CONSTRUCTION UNLESS THE ISSUE DATE IN THE TITLE BLOCK COINCIDES WITH OR POST DATES THE DRAWING DATE. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF CEDAR CREEK CONSULTING INC. ARE UNAUTHORIZED AND SHALL RELIEVE CEDAR CREEK CONSULTING OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

DRAWING TITLE:

N

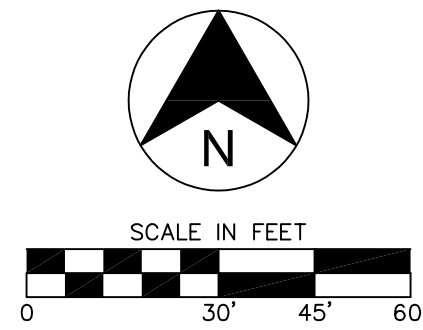
SCALE IN FEET

UTILITY PLAN

SHEET:

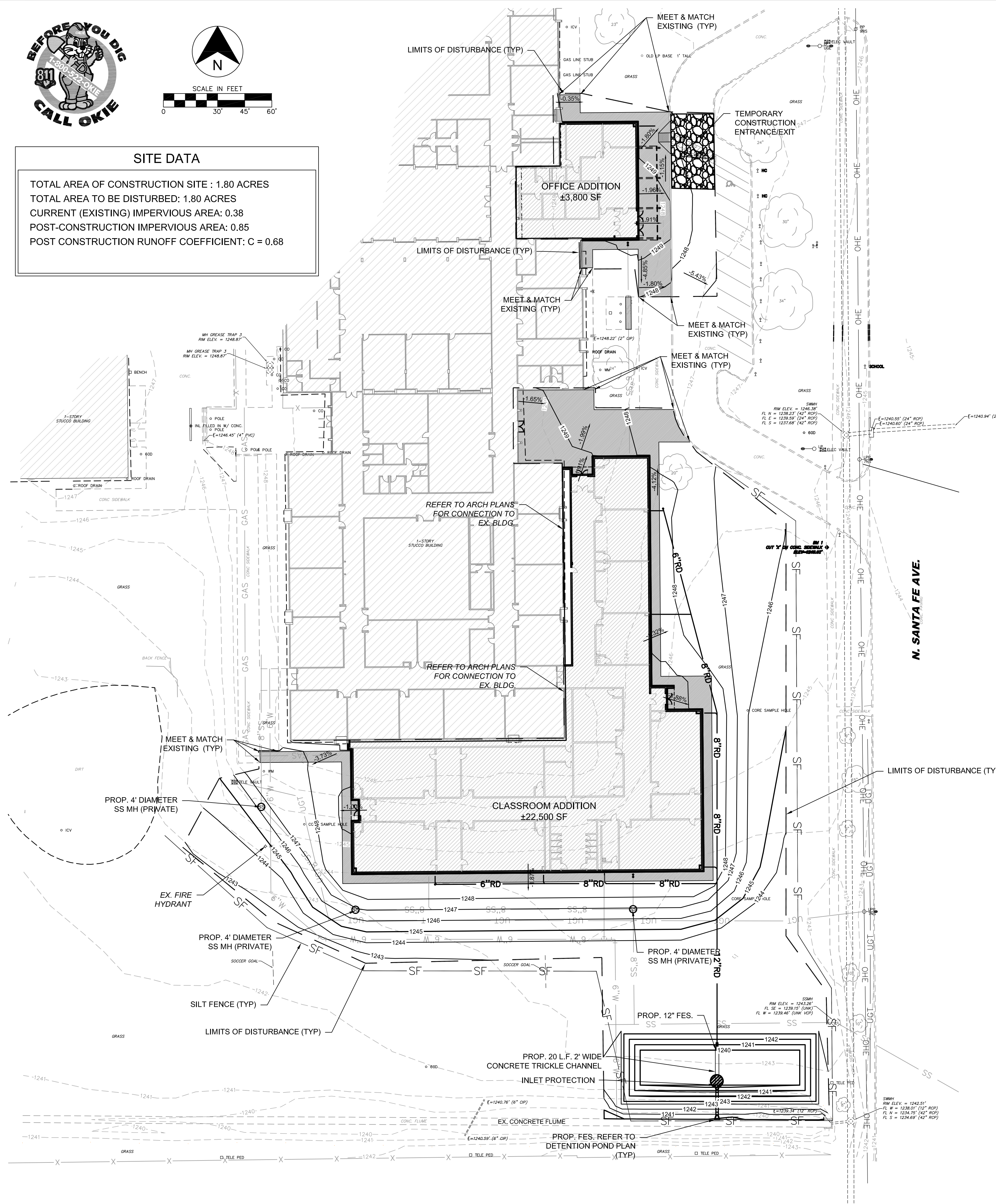
# C4.00





### SITE DATA

TOTAL AREA OF CONSTRUCTION SITE : 1.80 ACRES  
 TOTAL AREA TO BE DISTURBED: 1.80 ACRES  
 CURRENT (EXISTING) IMPERVIOUS AREA: 0.38  
 POST-CONSTRUCTION IMPERVIOUS AREA: 0.85  
 POST CONSTRUCTION RUNOFF COEFFICIENT: C = 0.68



### EROSION CONTROL NOTES

- A. SEDIMENT BASINS ARE ATTRACTIVE TO CHILDREN AND CAN BE VERY DANGEROUS. IN ALL CASES, LOCAL ORDINANCES AND REGULATIONS REGARDING HEALTH AND SAFETY MUST BE ADHERED TO.
- B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF OKLAHOMA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- C. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.
- D. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- E. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- F. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- G. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- H. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLotation BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- I. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- J. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- K. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- L. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- M. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
- N. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- O. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- P. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- Q. ON-SITE & OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- R. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- S. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO PREVENT EROSION.
- T. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- U. A 3' STRIP OF SOD SHALL BE PLACED ALONG THE EDGE OF ALL PAVING TO ACT AS A SEDIMENT BUFFER AND AID IN THE ESTABLISHMENT OF VEGETATION.

### LEGEND

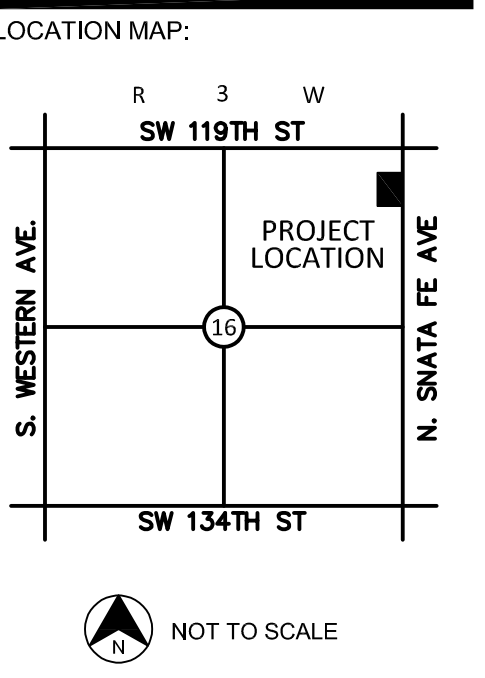
- BOUNDARY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- EXISTING CONCRETE CURB AND GUTTER
- PROPOSED CONCRETE CURB AND GUTTER
- PROPOSED FIRE LANE STRIPING
- OHE OVERHEAD ELECTRIC
- UGE UNDERGROUND ELECTRIC
- GAS GAS LINE
- UGT UNDERGROUND TELEPHONE
- FO UNDERGROUND FIBER OPTIC
- SS SANITARY SEWER
- 8" W WATERLINE
- BENCHMARK
- ⊕ FIRE HYDRANT
- ⊕ WATER VALVE
- ⊕ EX. WATER METER PIT
- ⊕ EX. WATER METER
- ⊕ PROP. WATER METER
- ⊕ EX. SPRINKLER VALVE
- ⊕ EX. AUTO SPRINKLER
- ⊕ EX. ELECT. PEDESTAL
- ⊕ EX. ELECT. TRANSFORMER
- ⊕ EX. ELECT. METER
- ⊕ PROP. ELECT. METER
- ⊕ EX. AIR CONDITIONER
- ⊕ EX. SIGNAGE
- ⊕ EX. LIGHT POLE
- ⊕ PROP. LIGHT POLE
- ⊕ EX. BOLLARD
- ⊕ PROP. INLETS (SEE GRADING PLAN FOR TYPE)
- LIMITS OF DISTURBANCE
- SF SILT FENCE
- TD--> TEMPORARY DIVERSION DIKE
- SODDING
- ⊕ INLET PROTECTION
- ⊕ CW CONCRETE WASHOUT AREA
- ⊕ EX. POWER POLE
- ⊕ PROP. POWER POLE
- ⊕ EX. TELEPHONE PED.
- ⊕ EX. TELEPHONE MANHOLE
- ⊕ EX. TRAFFIC SIGNAL LIGHT
- ⊕ EX. TRAFFIC CONTROL BOX
- ⊕ EX. FLAG POLE
- ⊕ EX. YARD LIGHT
- ⊕ EX. GREASE TRAP
- ⊕ EX. SS MANHOLE
- ⊕ PROP. SS MANHOLE
- ⊕ EX. GAS METER
- ⊕ PROP. GAS METER
- ⊕ EX. ELECT. MANHOLE
- ⊕ EX. STORM MANHOLE

### SEQUENCE OF CONSTRUCTION

- PHASE 1**
- A PRE-CONSTRUCTION MEETING SHALL BE HELD BY THE GENERAL CONTRACTOR'S MANAGER, AND THE OPERATOR'S ENGINEER PRIOR TO LAND DISTURBING ACTIVITIES.
  - PREPARE AND PULL ALL NECESSARY PERMITS.
  - CONSTRUCT TEMPORARY CONSTRUCTION EXITS AT LOCATIONS SHOWN ON THE SWPPP PLANS AND PREPARE TEMPORARY PARKING AND STORAGE AREA. UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WELL WASH, CONCRETE WASHOUT, MASONS AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC. DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGE IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.
  - CONSTRUCT THE SILT FENCES ON THE SITE. HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEERING CONSULTANT TO PERFORM INSPECTION AND CERTIFICATION OF BMP'S. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORMWATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND-DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
  - INSTALL PUBLIC WATER, SEWER AND BOX CULVERT
  - DEMO, CLEAR AND GRUB THE SITE.
  - BEGIN GRADING THE SITE.
  - START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
  - DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
- PHASE 2**
- INSTALL UTILITIES, UNDER DRAINS, STORM SEWERS, CURB AND GUTTERS.
  - INSTALL INLET PROTECTION DEVICES.
  - INSTALL RIP RAP AROUND OUTLET STRUCTURES.
  - FINALIZE PAVEMENT SUBGRADE PREPARATION.
  - INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT.
  - PAVE LOT.
  - REMOVE TEMPORARY CONSTRUCTION EXITS ONLY PRIOR TO PAVEMENT CONSTRUCTION IN THESE AREAS. (THESE AREAS TO BE PAVED LAST)
  - DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
  - FINE GRADE AND INSTALL PERMANENT SEEDING AND PLANTINGS.
  - REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS DEvised. (ONLY IF SITE IS STABILIZED)
  - REMOVE INLET PROTECTIONS AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.

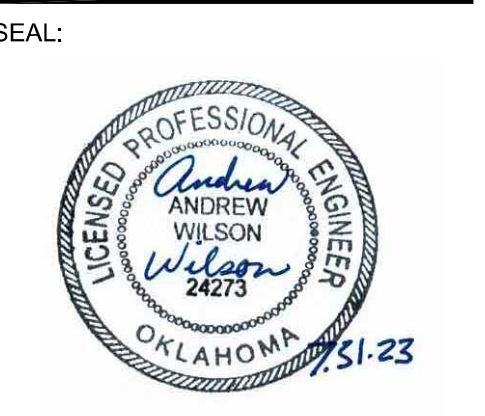


ENGINEERING • PLANNING • CONSULTING  
 P.O. Box 14534 Oklahoma City, OK 73113  
 405-778-3385  
 www.cedarcreekinc.com



PROJECT:  
**HIGHLAND WEST JR. HIGH**  
 MOORE, OK

PROJECT NUMBER: 23069  
 DRAWING DATE: 07.31.23  
 ISSUE DATE: 07.31.23



SUBMITAL:  
**PERMIT SET**

REVISIONS:

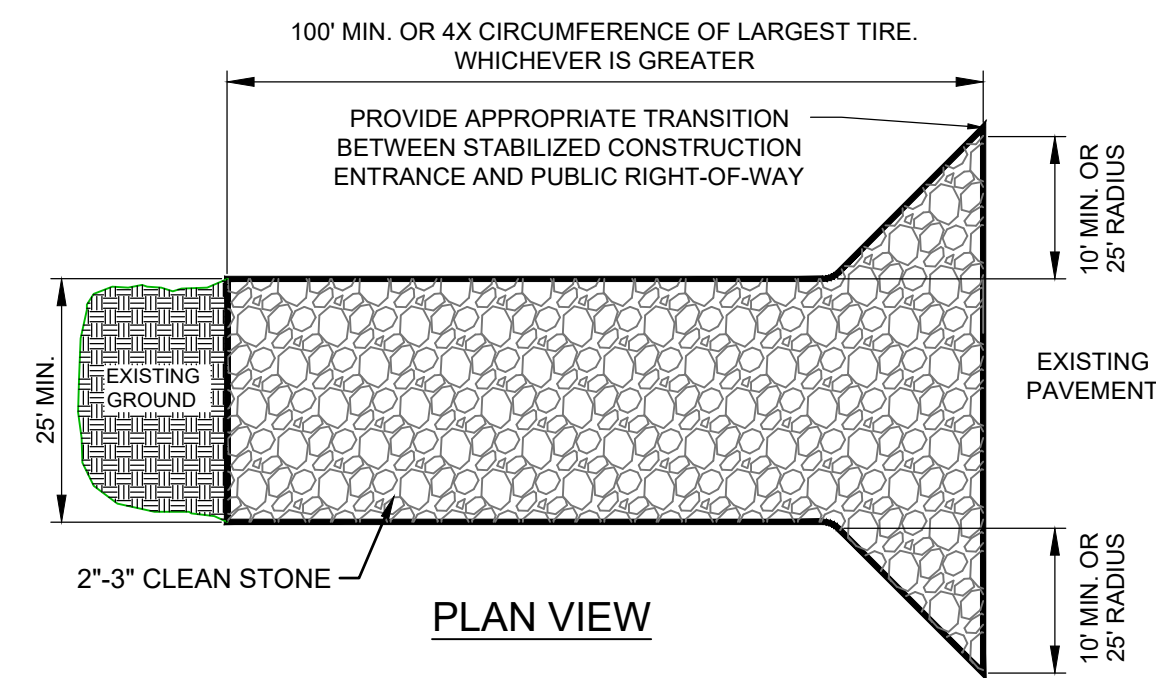
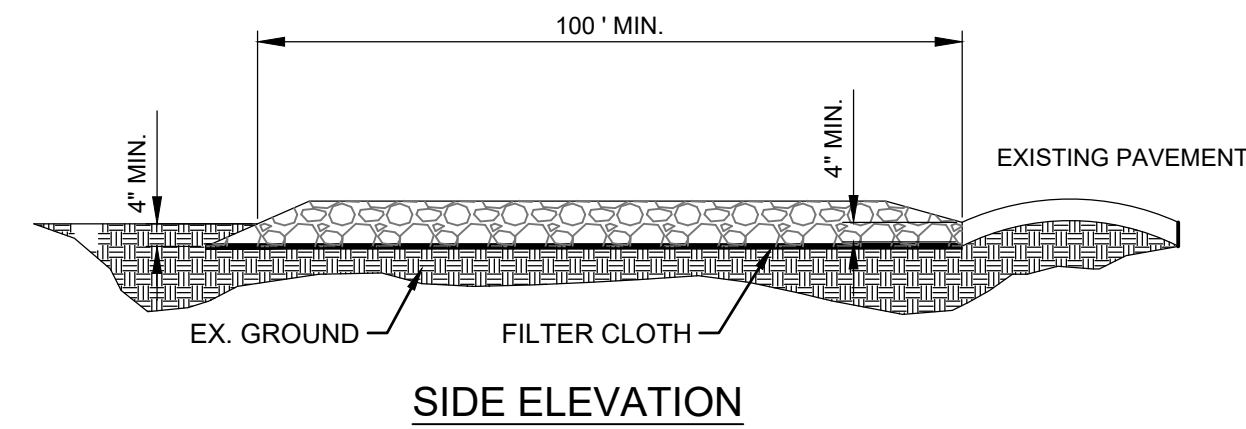
MARK	DATE	DESCRIPTION

THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WITHOUT THE WRITTEN PERMISSION AND CONSENT OF CEDAR CREEK CONSULTING INC. THIS SHEET IS NOT TO BE USED FOR CONSTRUCTION UNLESS THE ISSUE DATE IN THE TITLE BLOCK COINCIDES WITH OR POST DATES THE DRAWING DATE. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF CEDAR CREEK CONSULTING INC. ARE UNAUTHORIZED AND SHALL RELIEVE CEDAR CREEK CONSULTING OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

DRAWING TITLE:  
**EROSION CONTROL PLAN**

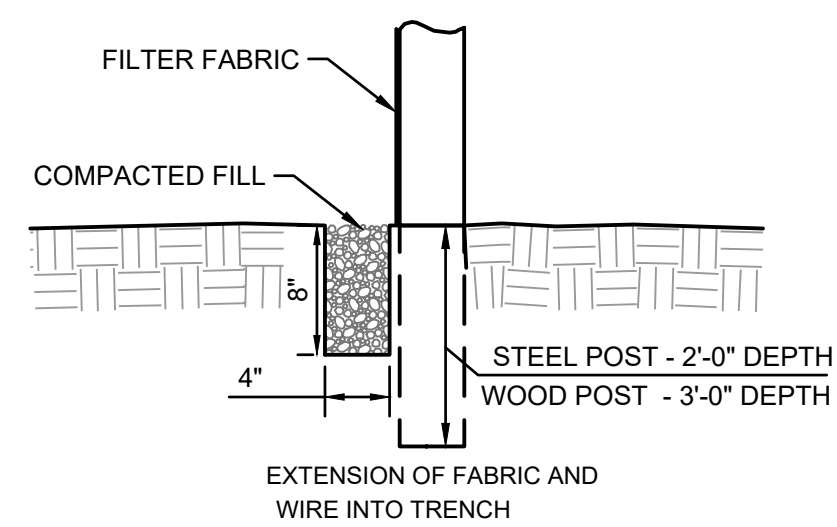
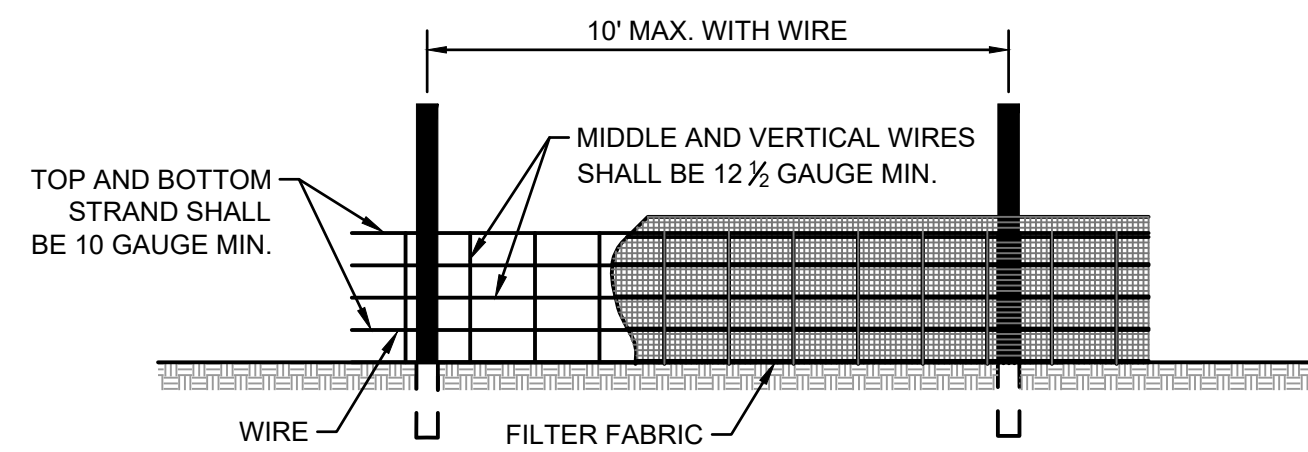
SHEET:  
**C5.00**





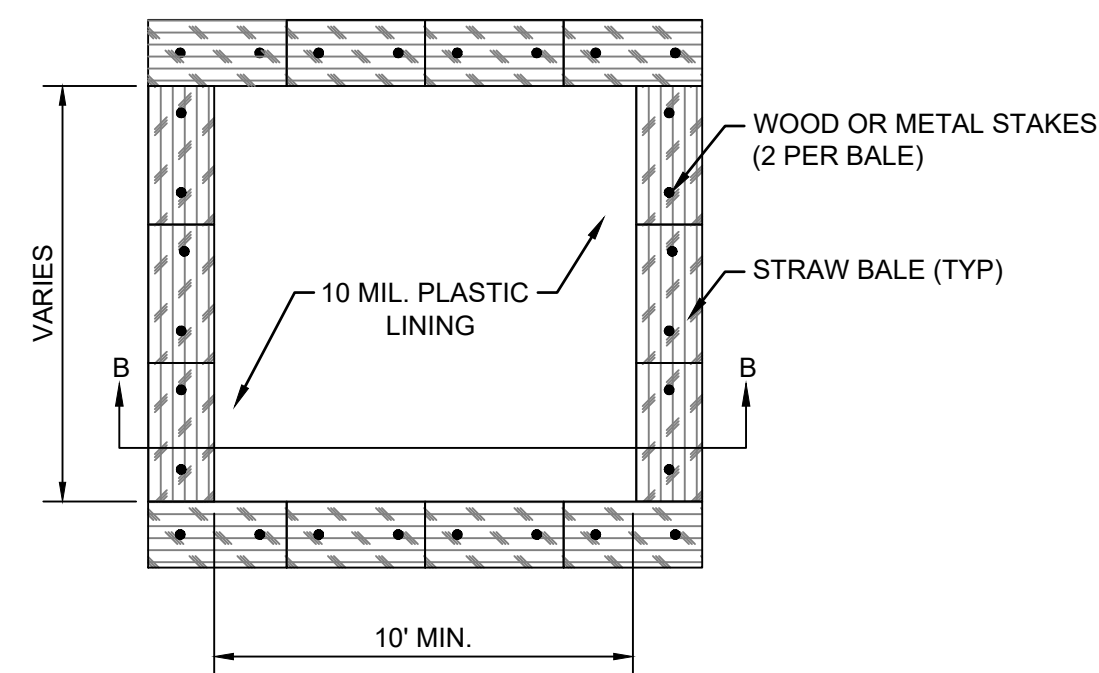
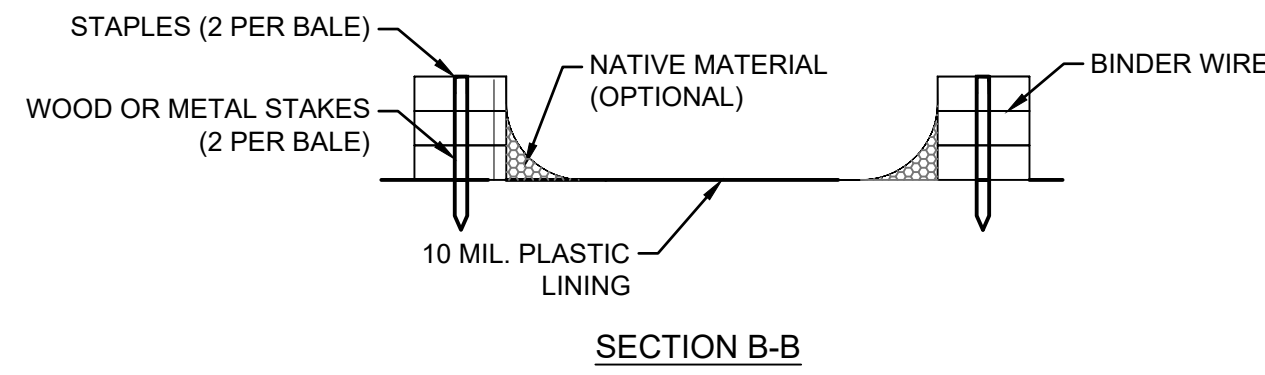
- NOTES:
1. STONE - USE COARSE AGGREGATE (2 - 3 INCH STONE)
  2. LENGTH - AS EFFECTIVE, BUT NOT LESS THAN 100 FEET.
  3. THICKNESS - NOT LESS THAN EIGHT (8) INCHES.
  4. WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
  5. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF SAND BAGS, GRAVEL, BOARDS OR OTHER APPROVED METHODS.
  6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
  7. 12" X 24" METAL GRATE MAY BE USED. GRATE SHALL BE 25' AWAY FROM PAVEMENT AND APPROPRIATE SEDIMENT CONTROL TRAPPING DEVICE SHALL BE USED AT GRATE OUTLET POINT.

**STABILIZED CONSTRUCTION ENTRANCE**  
 NOT TO SCALE

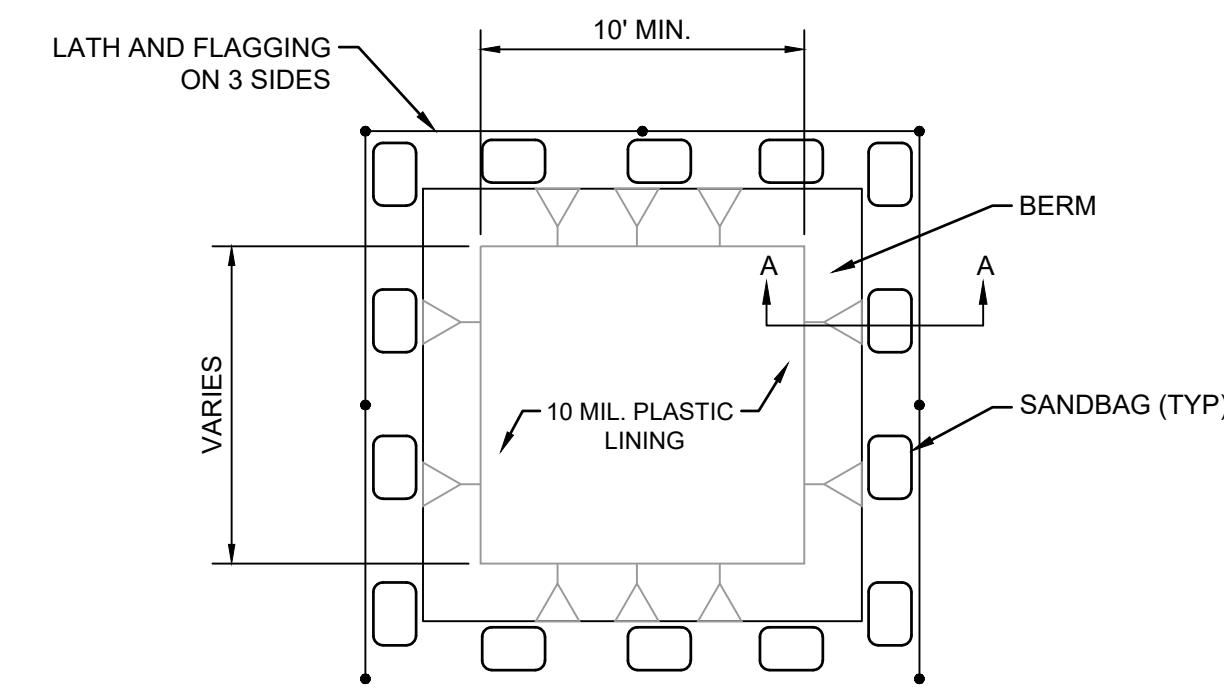
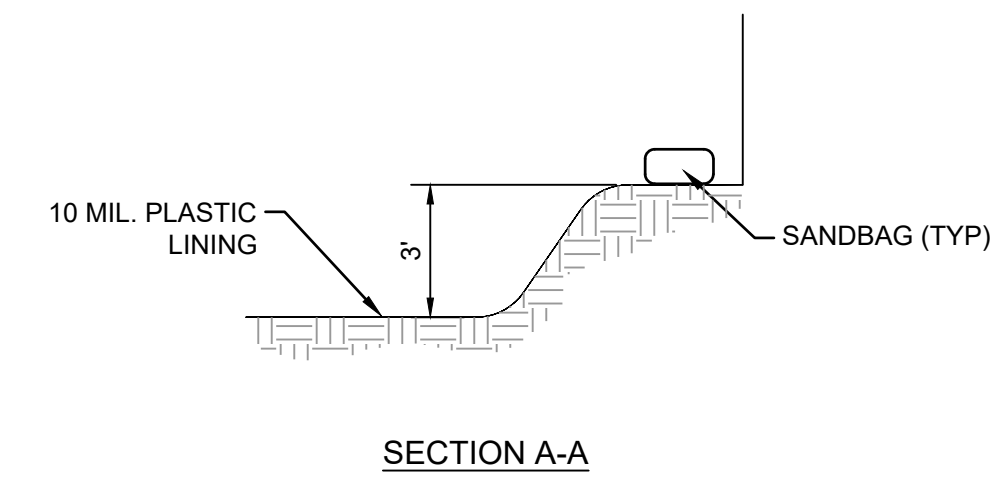


- NOTES:
1. WIRE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
  2. FILTER FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE FASTENED ADEQUATELY TO THE WIRE.
  3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.
  4. WOOD POST SHALL BE 6'-0" IN HEIGHT AND 3" IN DIAMETER.

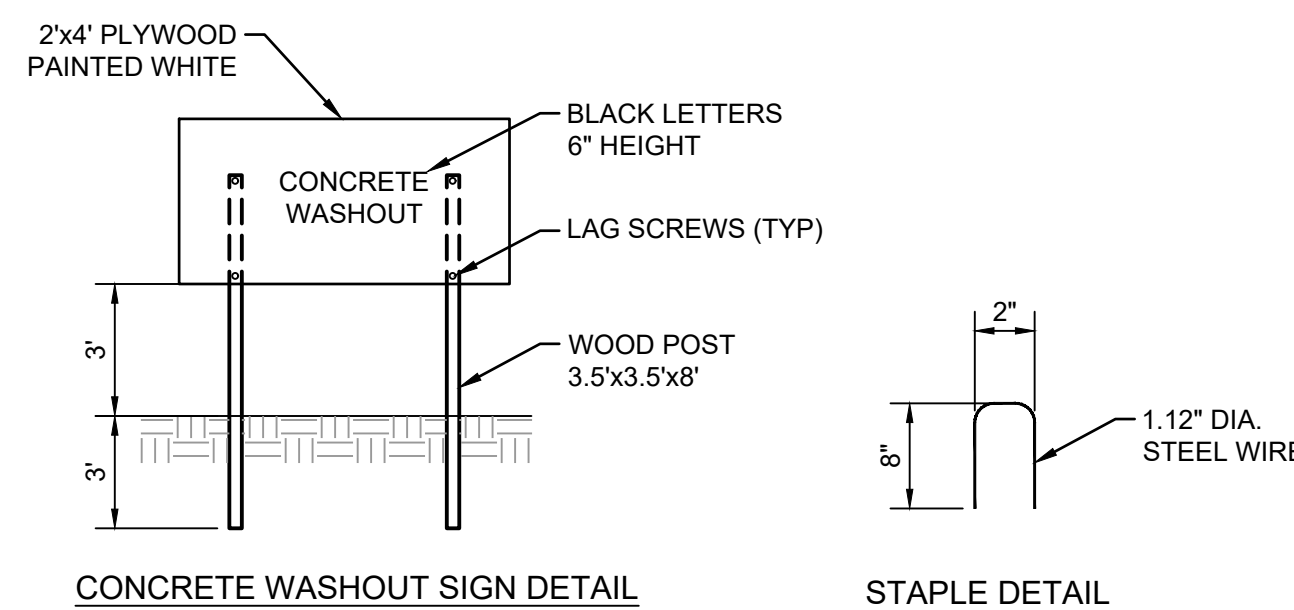
**SILT FENCE DETAIL**  
 NOT TO SCALE



TYPE 'ABOVE GRADE' WITH STRAW BALES

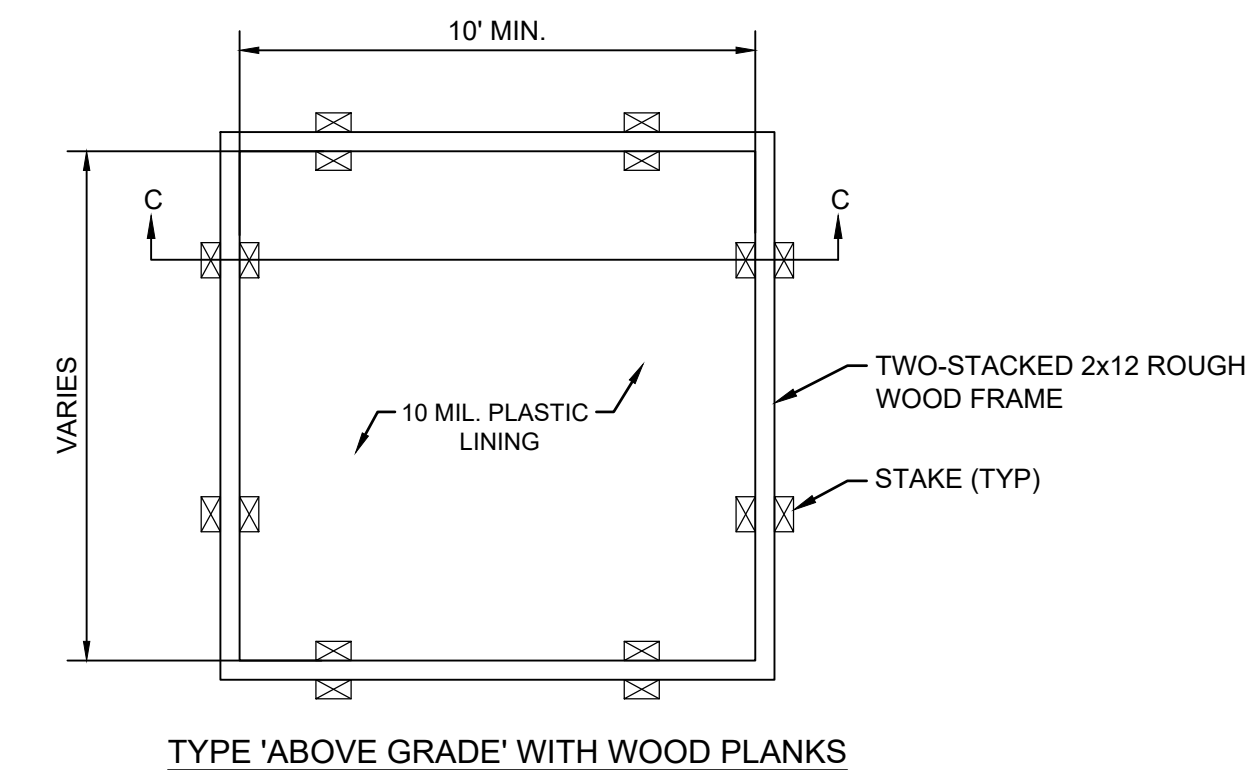
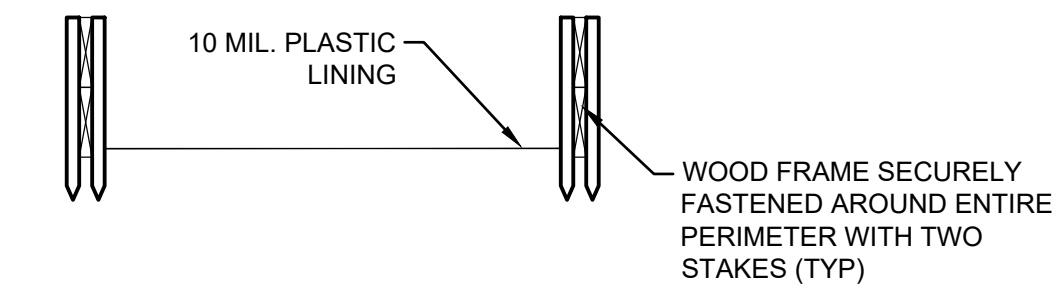


TYPE 'BELOW GRADE'

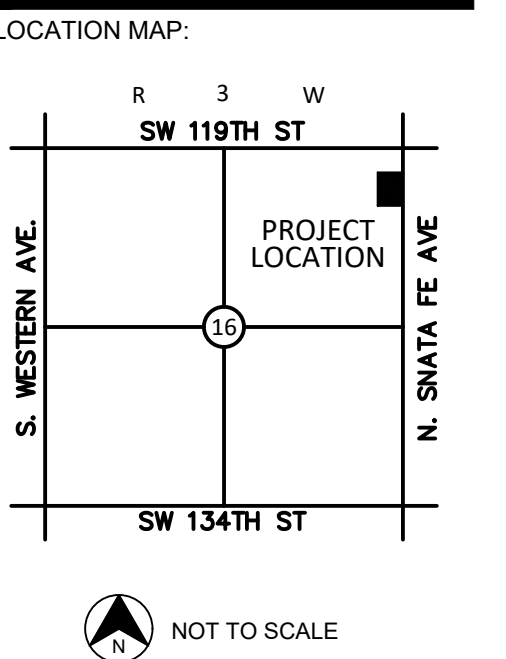


- NOTES:
1. ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.
  2. A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
  3. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.
  4. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED AND STABILIZED TO PREVENT EROSION.

**CONCRETE WASHOUT DETAIL**  
 NOT TO SCALE



TYPE 'ABOVE GRADE' WITH WOOD PLANKS



PROJECT:  
**HIGHLAND WEST JR. HIGH**

MOORE, OK

PROJECT NUMBER: 23069  
 DRAWING DATE: 07.31.23  
 ISSUE DATE: 07.31.23



SUBMITTAL:  
**PERMIT SET**

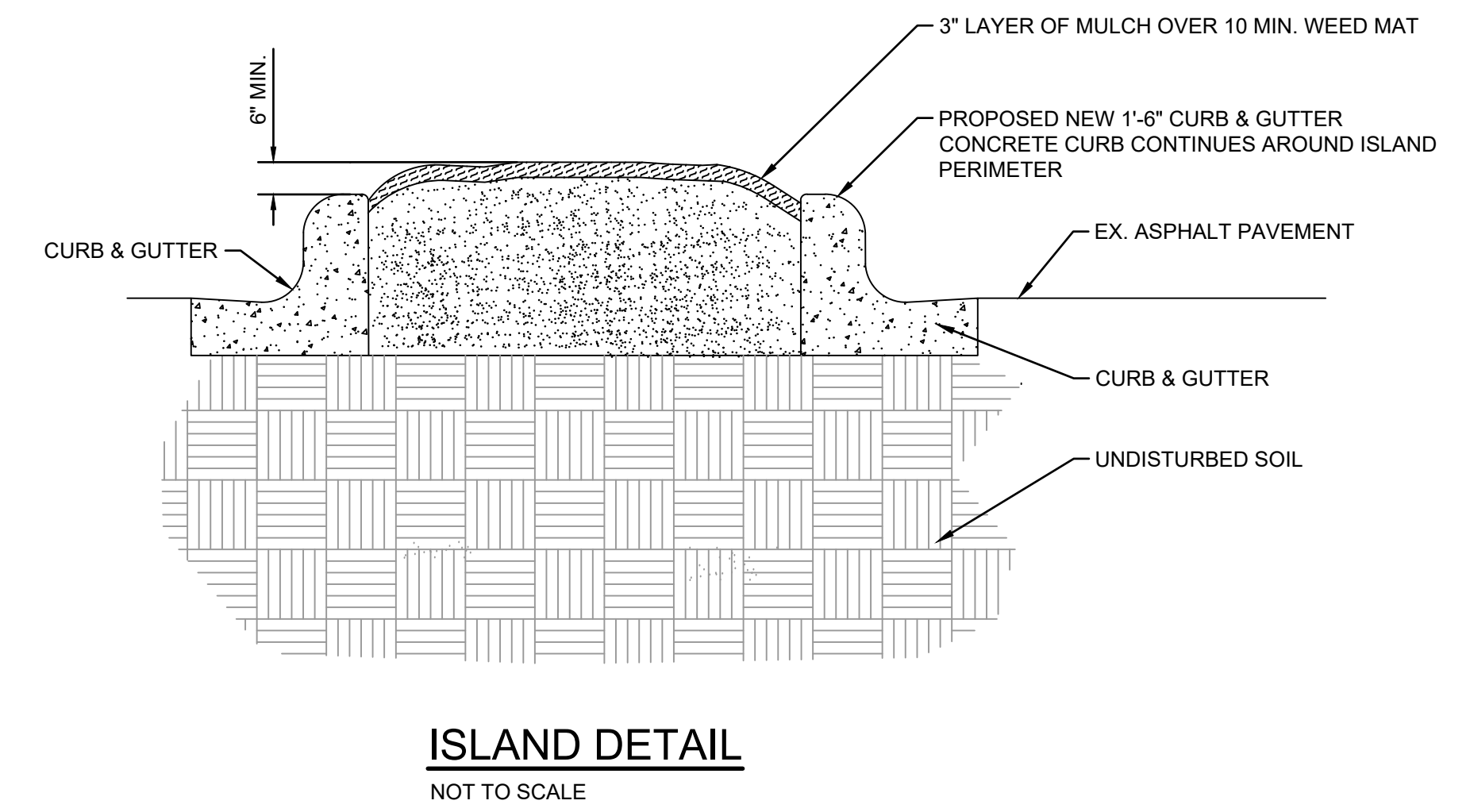
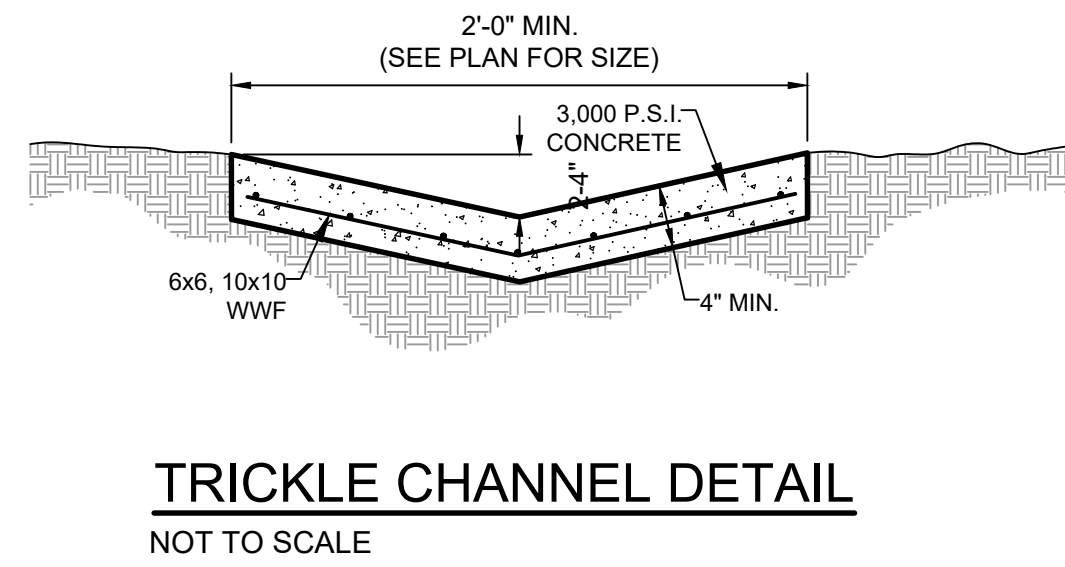
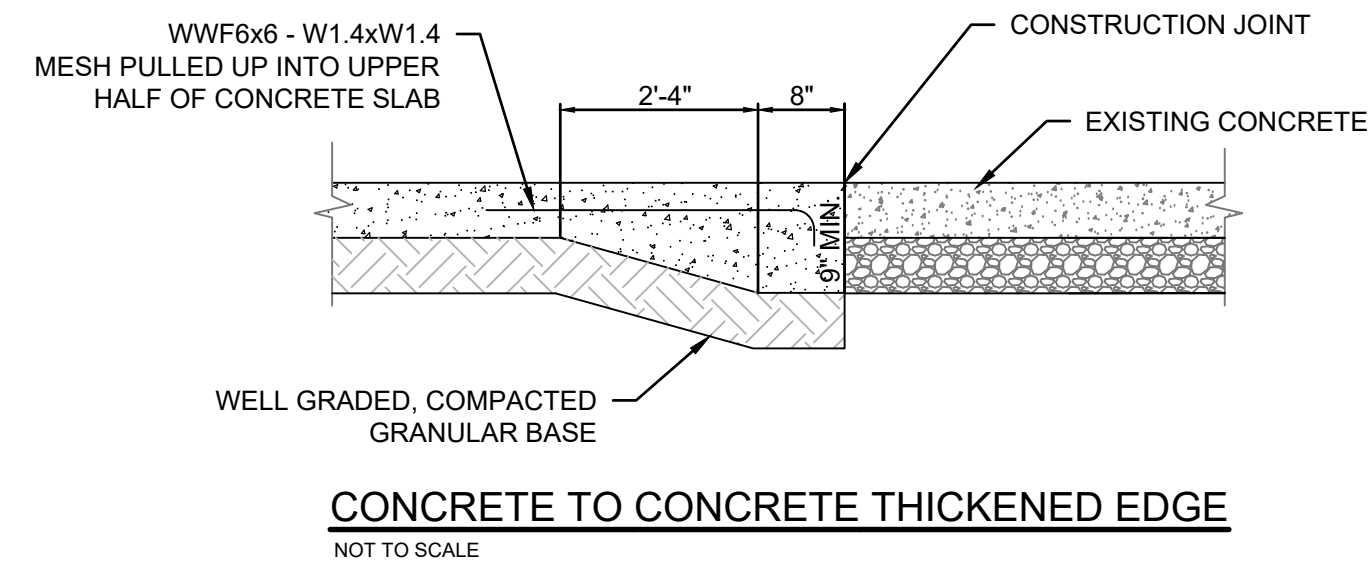
REVISIONS:

MARK	DATE	DESCRIPTION

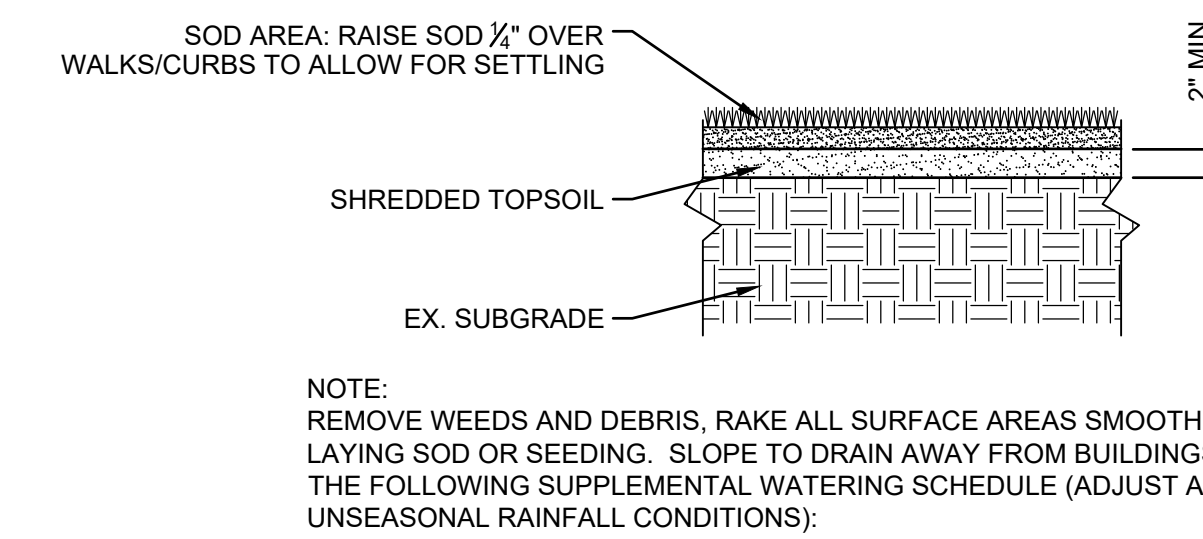
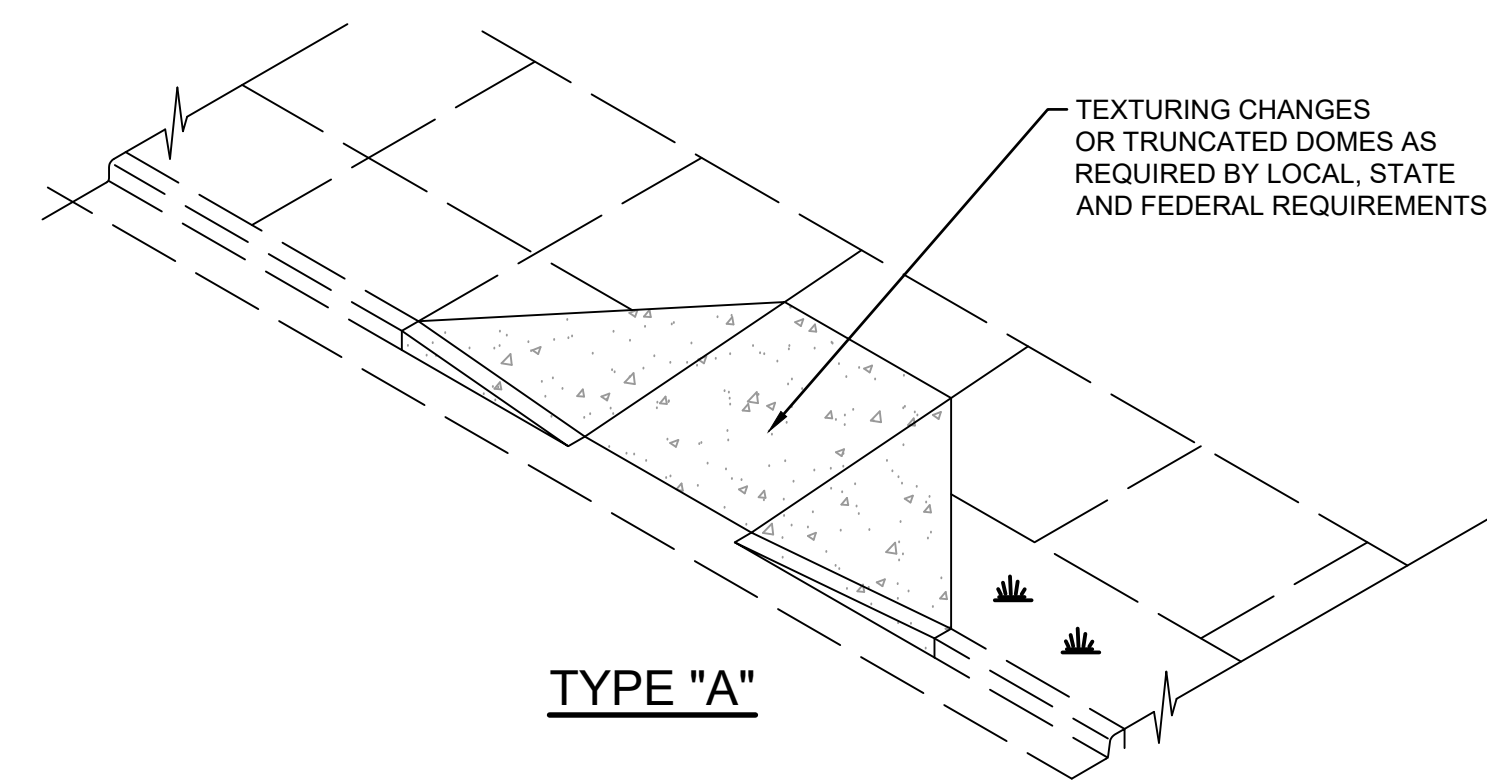
DRAWING TITLE:  
**EROSION CONTROL DETAILS**

SHEET:  
**C5.01**



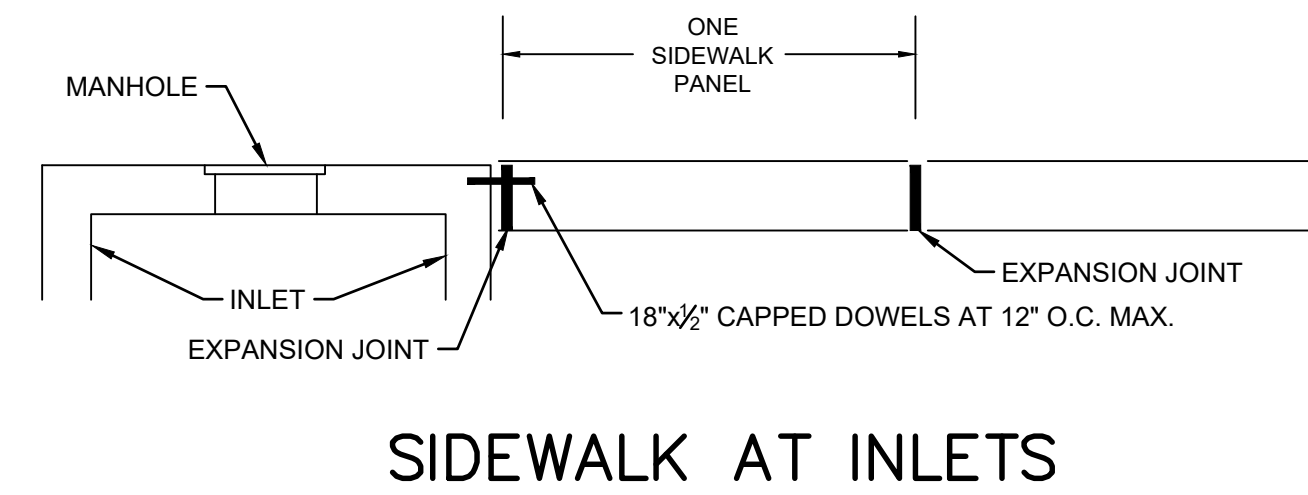
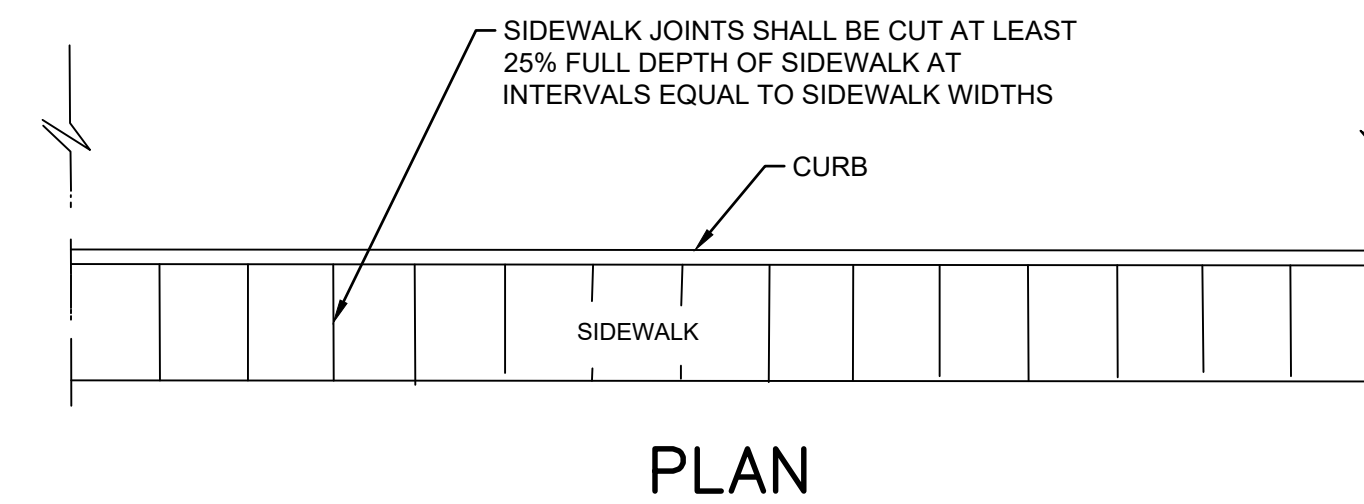


ALL ADA ACCESSIBLE ROUTES, INCLUDING RAMPS, CURB RAMPS AND SIDEWALKS SHALL NOT EXCEED 1:48 (1/4"/ft) (2.083% SLOPE AT ANY POINT. CROSS SLOPE IS THE SLOPE PERPENDICULAR TO THE DIRECTION OF TRAVEL.

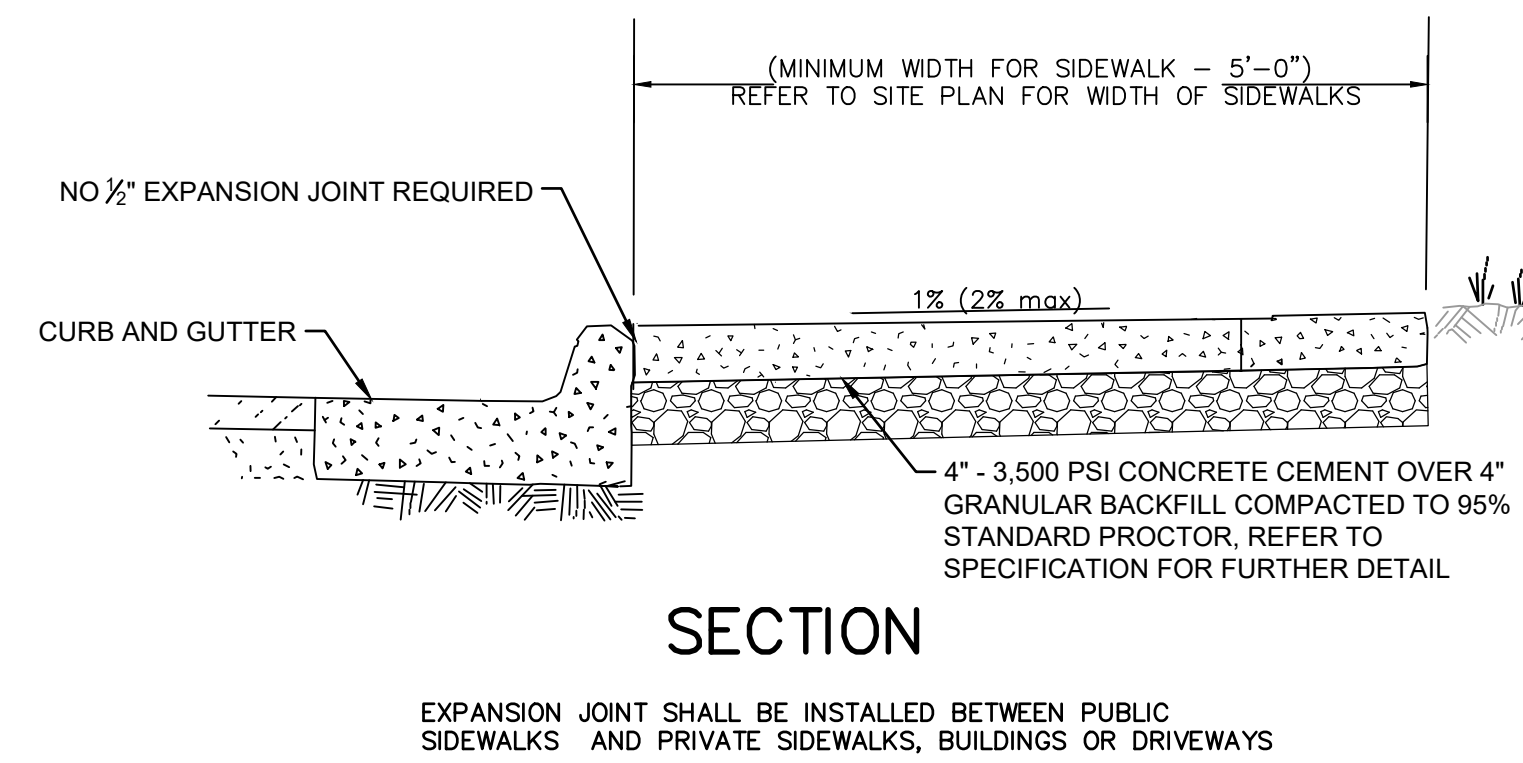


APPROXIMATE SUPPLEMENTAL WATER FOR AN AVERAGE TRADITIONAL LAWN (INCHES PER WEEK)							
APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	
0.25"	0.75"	1.25"	1.25"	1.0"	0.75"	0.5"	

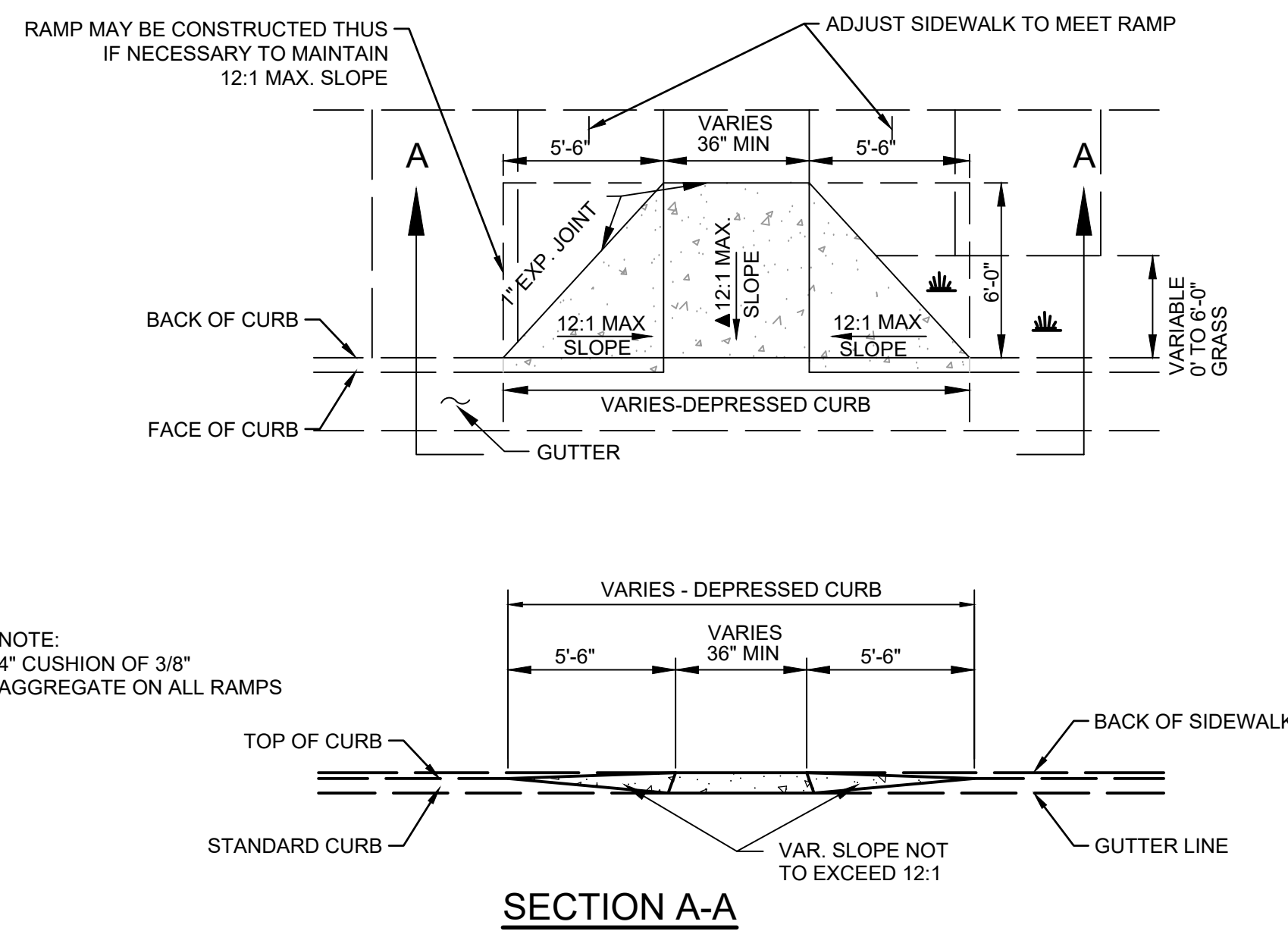
**SOD PLANTING DETAIL**  
NOT TO SCALE



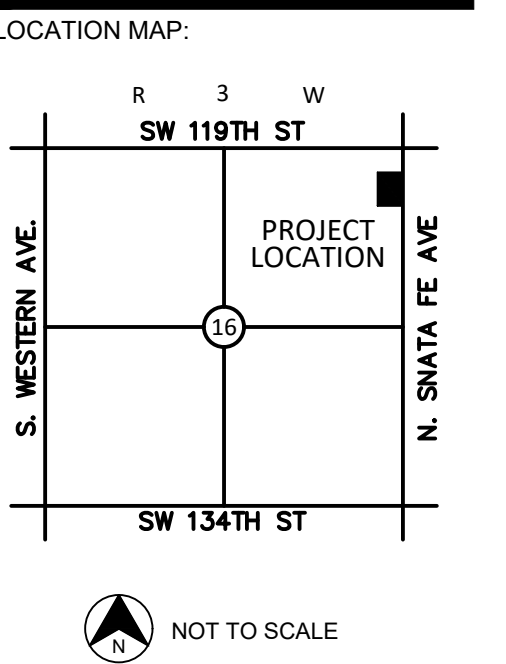
NOTE:  
- 1/2" EXPANSION JOINT SPACING AT 60' OR ADJACENT TO STRUCTURES AND DRIVES.  
- SIDEWALK EXPANSION MATERIAL IS REQUIRED BETWEEN SIDEWALK AND CURB (REQUIRES PRIOR APPROVAL FOR ADJACENT TO CURB LOCATIONS).  
- DOWEL BARS WITH EXPANSION JOINT MATERIAL REQUIRED AT INLETS.



**SIDEWALK DETAIL**  
NOT TO SCALE



**ADA RAMP DETAIL**  
NOT TO SCALE



PROJECT:  
**HIGHLAND WEST JR. HIGH**  
MOORE, OK  
PROJECT NUMBER: 23069  
DRAWING DATE: 07.31.23  
ISSUE DATE: 07.31.23



SUBMITTAL:  
**PERMIT SET**

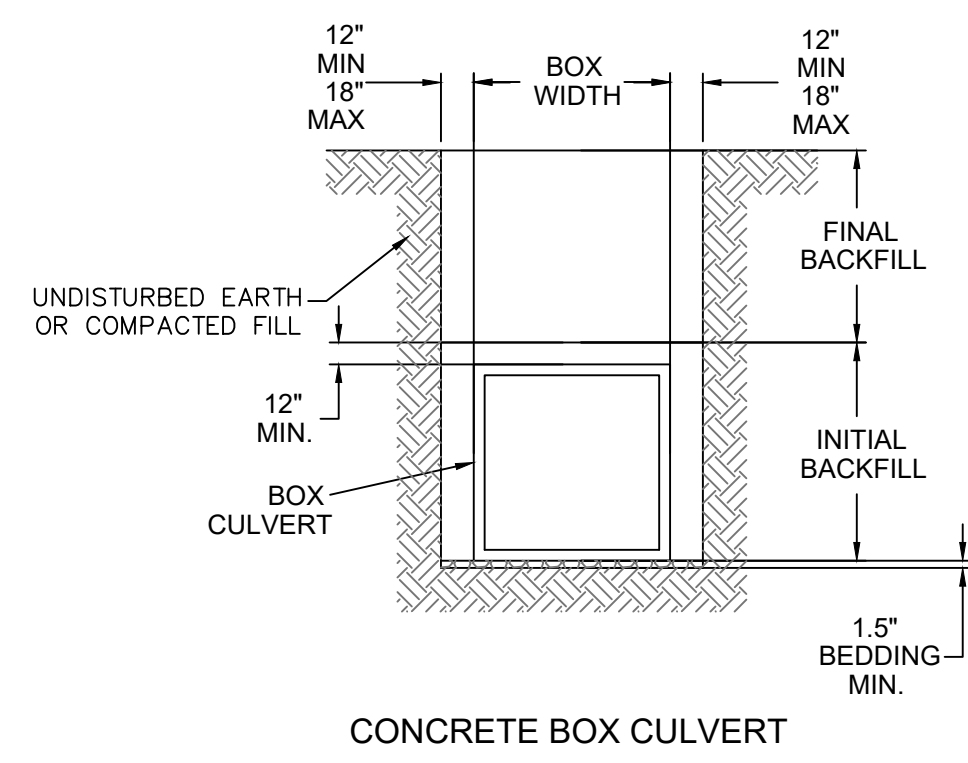
REVISIONS:

MARK	DATE	DESCRIPTION

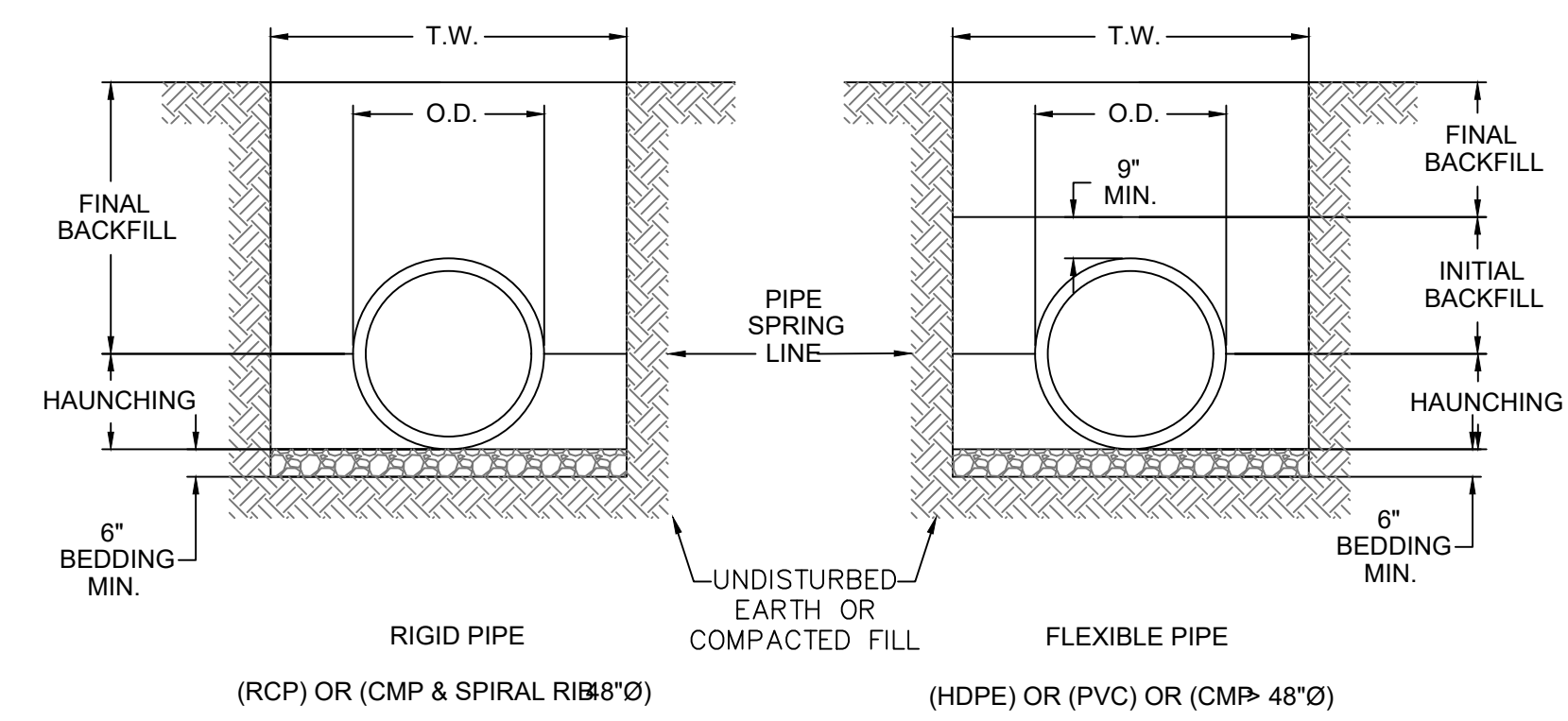
THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE WRITTEN PERMISSION AND CONSENT OF CEDAR CREEK CONSULTING INC. THIS SHEET IS NOT TO BE USED FOR CONSTRUCTION UNLESS THE ISSUE DATE IN THE TITLE BLOCK COINCIDES WITH OR POST DATES THE DRAWING DATE. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF CEDAR CREEK CONSULTING INC. ARE UNAUTHORIZED AND SHALL RELIEVE CEDAR CREEK CONSULTING OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

DRAWING TITLE:  
**STANDARD DETAILS**  
SHEET:  
**C6.00**

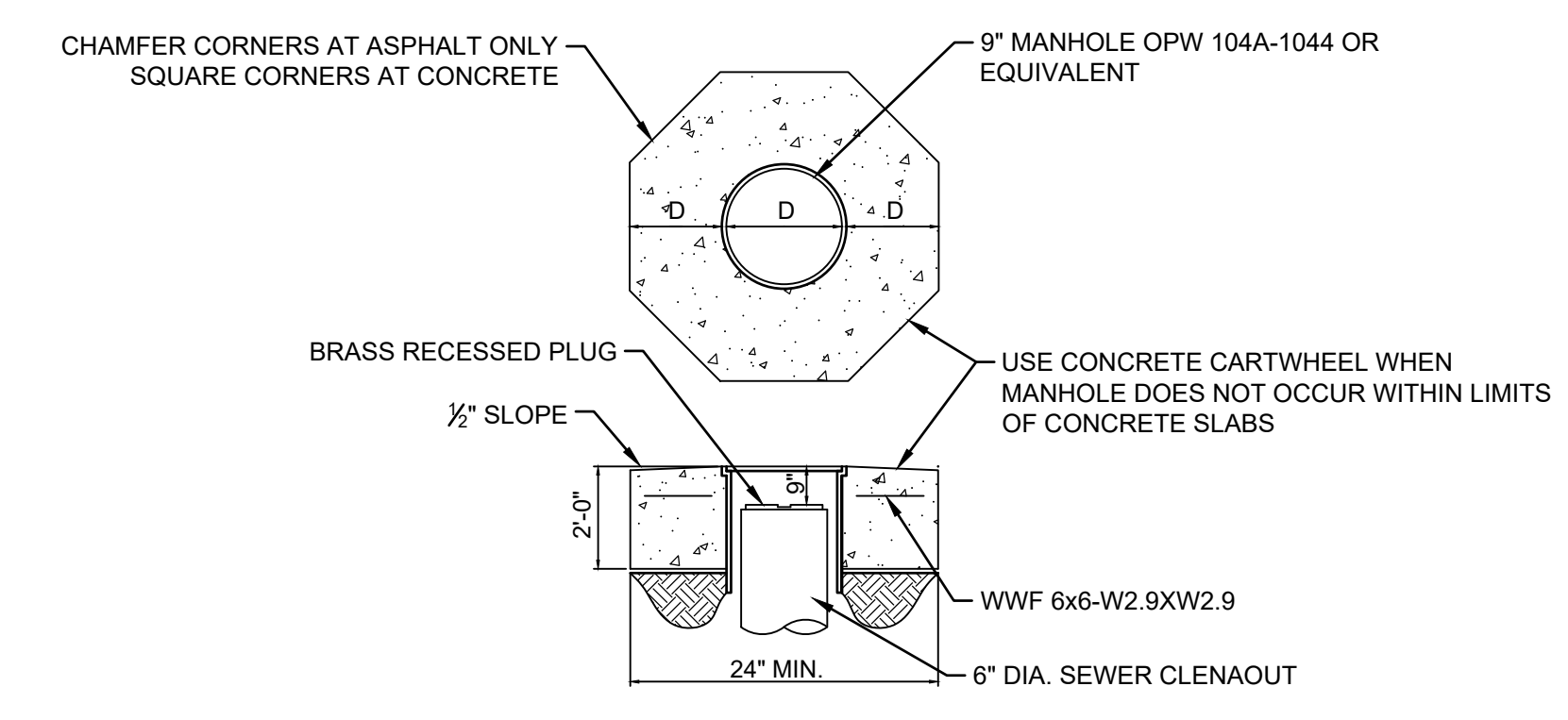




CONCRETE BOX CULVERT



RIGID PIPE (RCP) OR (CMP & SPIRAL RIB 8" O.D.)  
 FLEXIBLE PIPE (HDPE) OR (PVC) OR (CMP 48" O.D.)



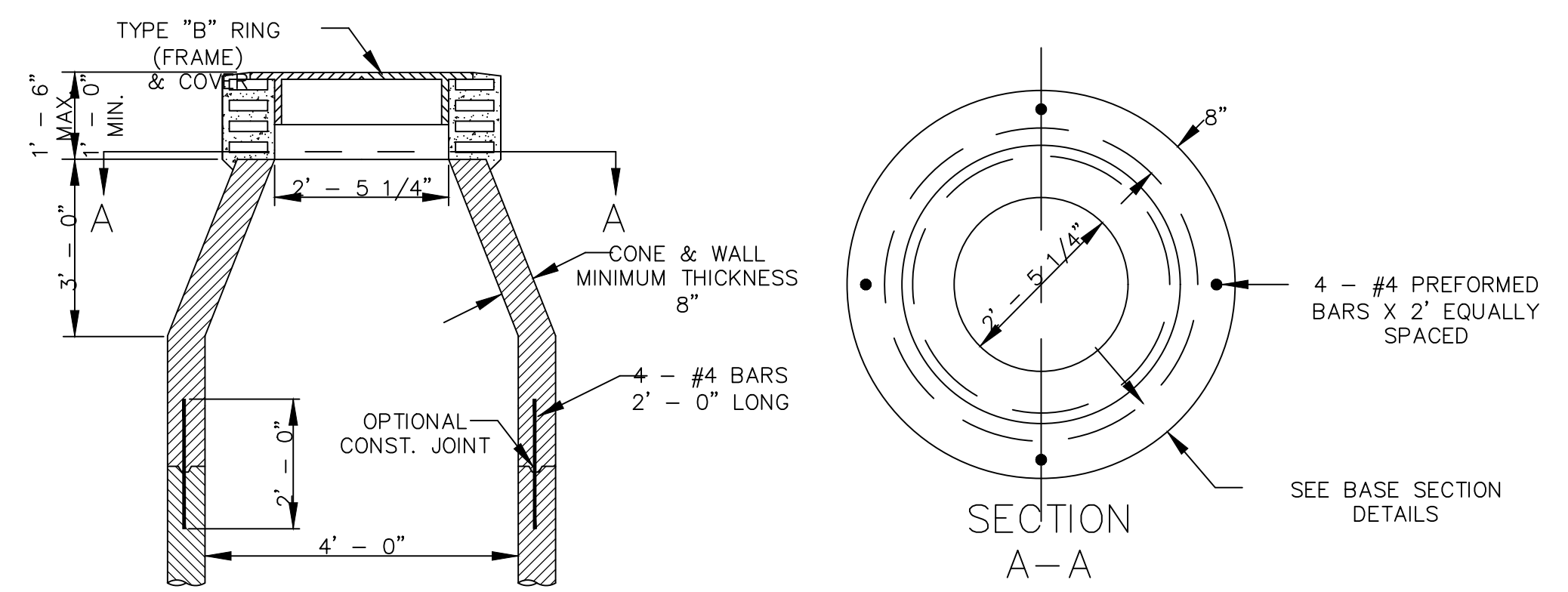
TYPICAL CLEANOUT MANHOLE DETAIL  
 NOT TO SCALE

- BEDDING SHALL BE DUMPED CLASS I-A WORKED BY HAND, OR CLASS I-B COMPACTED TO 85% STANDARD PROCTOR. LOCAL CODE PERMITTING WITH GEOTECHNICAL ENGINEER AND OWNER APPROVAL, NATIVE SOIL MAY BE USED FOR BEDDING PROVIDED IT MEETS THE EMBEDMENT AND BACKFILL MATERIALS IN TABLE 1 EXCLUDING CLASS IV-A.
- HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I-A, OR CLASS I-B OR CLASS II COMPACTED TO 95% STANDARD PROCTOR. PEA GRAVEL SHALL NOT BE USED AS A HAUNCHING MATERIAL. CLASS III MATERIAL SHALL BE ALLOWED FOR RIGID PIPE COMPACTED AT 95% STANDARD PROCTOR.
- INITIAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 90% STANDARD PROCTOR, OR CLASS III COMPACTED 95% STANDARD PROCTOR. CLASS I & II MATERIAL SHALL BE USED FOR FLEXIBLE PIPE WHEN FILL HEIGHTS EXCEED 8'.
- FINAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 90% STANDARD PROCTOR, OR CLASS III COMPACTED TO 95% STANDARD PROCTOR.
- FINAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS IV-A COMPACTED TO 95% STANDARD PROCTOR.
- ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321. (SEE TABLE 1)
- ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS III AND IV-A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.
- FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
- ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES.
- DESIGN ENGINEER SHALL DESIGNATE ON THE PLANS WHERE WATERTIGHT JOINTS ARE TO BE REQUIRED.
- REPLACE WET OR UNSUITABLE SOIL AS NECESSARY TO PROVIDE A SUITABLE BASE, AS DIRECTED BY GEOTECHNICAL ENGINEER OR OWNER.
- WHERE GROUND WATER IS PRESENT CLASS I-A MATERIAL SHALL BE WRAPPED WITH A NON-WOVEN GEO-TEXTILE, EXCLUDING BEDDING MATERIAL BETWEEN 4" & 6" THICK.
- CONTRACTOR SHALL REFER TO GEOTECHNICAL REPORT FOR SOIL TYPE AND CLASSIFICATIONS FOR THIS PROJECT.
- CONTRACTOR SHALL REFER TO THE LATEST VERSION OF ASTM STANDARDS PRIOR TO CONSTRUCTION.

TABLE 1: CLASSES OF EMBEDMENT AND BACKFILL MATERIALS

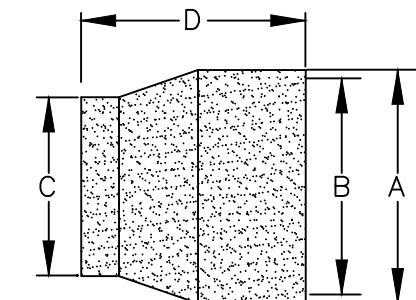
ASTM D 2321 MATERIAL CLASS	ASTM D 2487 USCS SOIL GROUP	MATERIAL TYPE	% PASSING			ATTERBERG LIMITS	
			1 1/2 IN.	NO. 4	NO. 200	LL	PI
IA	NONE	MANUFACTURED OPEN GRADED AGGREGATES	100%	≤10%	<5%		NON PLASTIC
IB	NONE	MANUFACTURED DENSE GRADED AGGREGATES	100%	≤50%	<5%		NON PLASTIC
II	GW	COARSE-GRAINED SOILS, CLEAN	100%	<50% OF "COARSE FRACTION"	<5%		NON PLASTIC
	GP						
	SW						
	SP						
III	GM	COARSE-GRAINED SOILS W/ FINES	100%	<50% OF "COARSE FRACTION"	12% TO 50%		<4 OR <"A" LINE
	GC						<7 OR >"A" LINE
	SM						>4 OR <"A" LINE
	SC						>7 OR >"A" LINE
IV-A	ML	FINE-GRAINED SOILS	100%	100%	>50%	<50	<4 OR <"A" LINE
	CL						>7 OR >"A" LINE

TRENCH AND BEDDING DETAILS  
 NOT TO SCALE

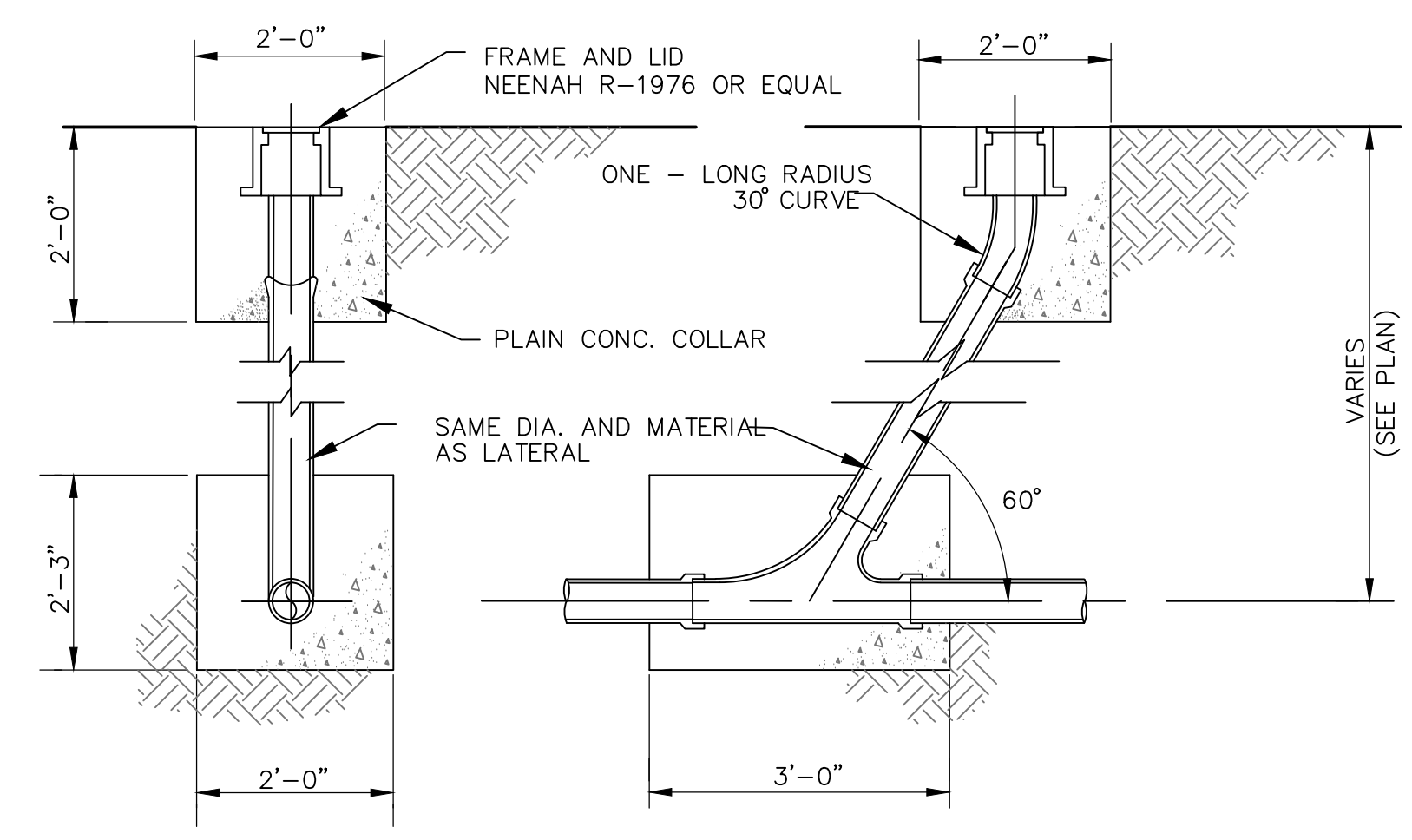


CAST-IN-PLACE NON-REINFORCED MANHOLE-PIPE CONNECTION

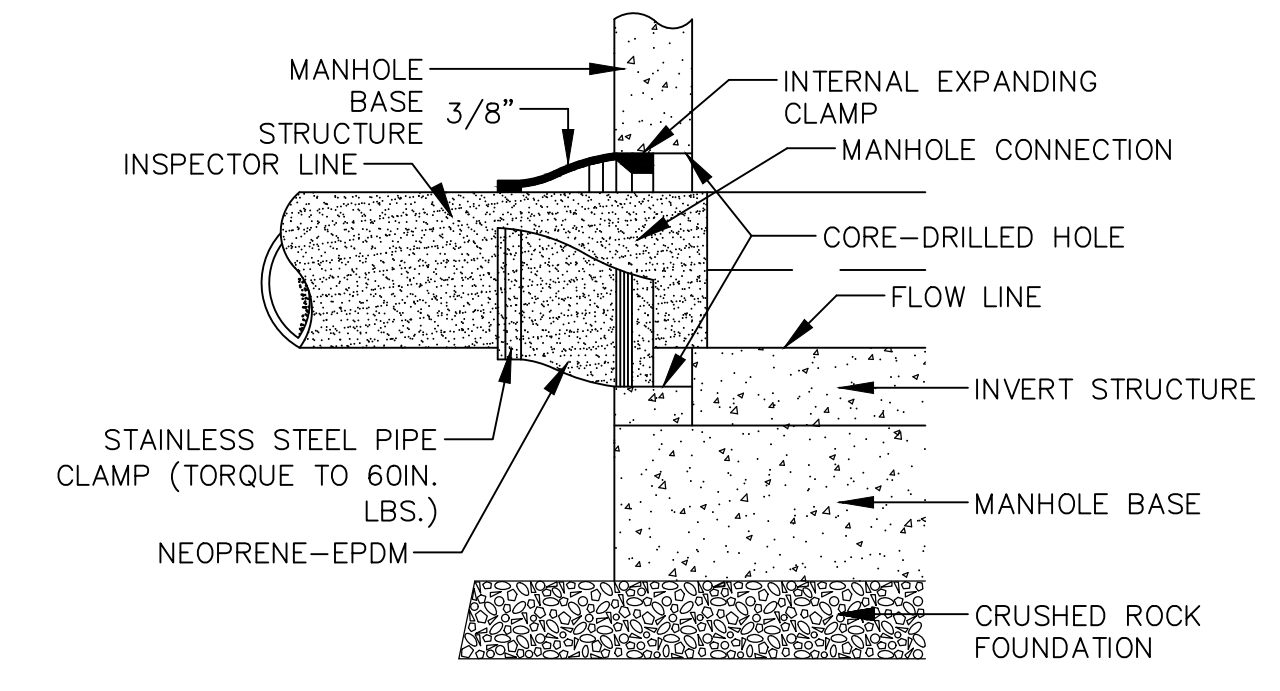
- NOTE:
- ALL PIPE SHALL BE STAINLESS STEEL
  - NEOPRENE--EPDM BLENDED COMPOUND BOOT SHALL MEET ASTM C-923



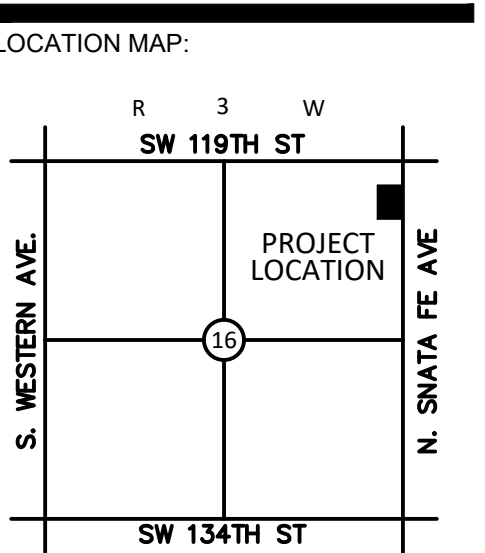
SUGGESTED PIPE O.D. RANGE (IN.)	HOLE & BOOT DIAMETER DIMENSIONS			
	A	B	C	D
3 1/2" - 4 1/2"	7"	6 1/8"	4 1/4"	6"
5 3/8" - 7"	12"	10 7/8"	6 1/2"	8"
7" - 8 1/2"	12"	10 7/8"	8"	8"
8 3/16" - 9 3/4"	12"	10 7/8"	9 1/4"	8"
9 1/4" - 11"	16"	14 7/8"	10 1/2"	8"
10 1/4" - 11"	16"	14 7/8"	12"	8"
12" - 13 3/4"	16"	14 7/8"	13 1/4"	8"
14 1/2" - 16 1/4"	20"	18 7/8"	15 3/4"	8"
15 3/4" - 17 1/2"	20"	18 7/8"	17"	8"
19 1/2" - 21 1/4"	24"	22 7/8"	20 3/4"	8"



TYPICAL CLEANOUT DETAIL  
 NOT TO SCALE



CONCENTRIC MANHOLE DETAIL  
 NOT TO SCALE



LOCATION MAP:  
 NOT TO SCALE

PROJECT:  
**HIGHLAND WEST JR. HIGH**

MOORE, OK  
 PROJECT NUMBER: 23069  
 DRAWING DATE: 07.31.23  
 ISSUE DATE: 07.31.23



SUBMITTAL:  
**PERMIT SET**

REVISIONS:

NO.	DATE	DESCRIPTION

THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE WRITTEN PERMISSION AND CONSENT OF CEDAR CREEK CONSULTING INC. THIS SHEET IS NOT TO BE USED FOR CONSTRUCTION UNLESS THE ISSUE DATE IN THE TITLE BLOCK COINCIDES WITH OR POST DATES THE DRAWING DATE. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF CEDAR CREEK CONSULTING INC. ARE UNAUTHORIZED AND SHALL RELIEVE CEDAR CREEK CONSULTING OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

DRAWING TITLE:

**STANDARD DETAILS**

SHEET:  
**C6.01**