

# ELMHURST DRIVE-STORAGE FACILITY HART CONSTRUCTION

JONESBORO, ARKANSAS

DE JOB# 23-104

APRIL 2024

## SHEET INDEX



LOCATION MAP



VICINITY MAP

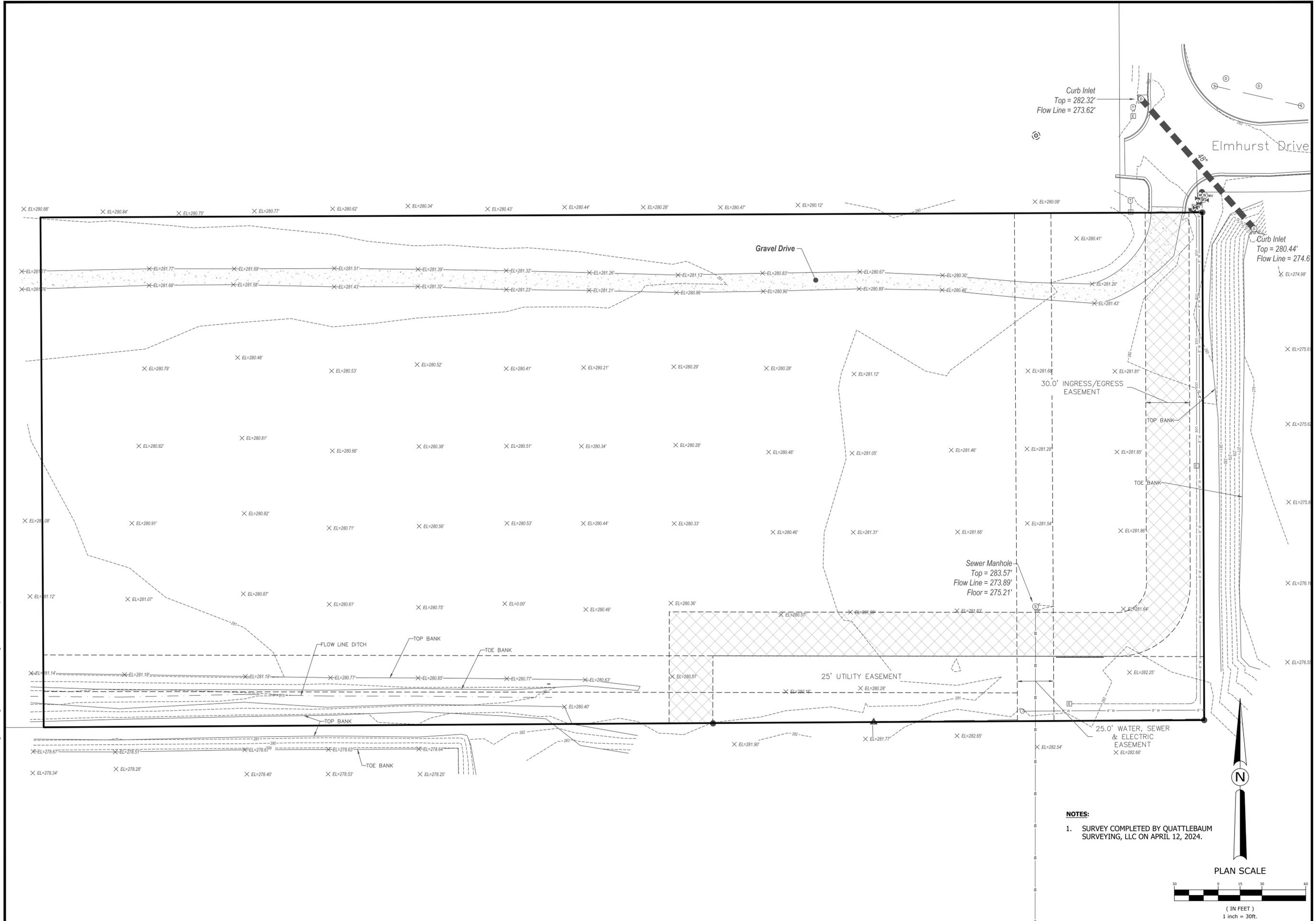
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- C4.0 GRADING AND DRAINAGE PLAN I (EAST)
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**DAVIDSON ENGINEERING DE**

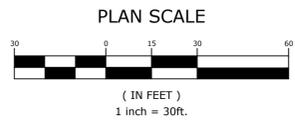
210 West Arch Avenue, Suite D  
Searcy, Arkansas 72143  
TEL 501.388.2178  
davidsonengineers.com



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- NOTES:**
1. SURVEY COMPLETED BY QUATTLEBAUM SURVEYING, LLC ON APRIL 12, 2024.



**DAVIDSON ENGINEERING**  
 210 W. ARCH AVE., STE. D  
 SEARCY, AR 72143  
 TEL: 501-388-2178

**ELMHURST DRIVE STORAGE FACILITY  
 HART CONSTRUCTION**  
 JONESBORO, ARKANSAS

NO.	DATE	REVISIONS DESCRIPTION

ORIGINAL SIGNATURE ON FILE

**TOPOGRAPHIC SURVEY**

PROJECT ENG: **BCD** DRAWN BY: **JGB**  
 DATE: **APRIL 2024**  
 SCALE: **1" = 30'** JOB NUMBER: **DE 23-104**

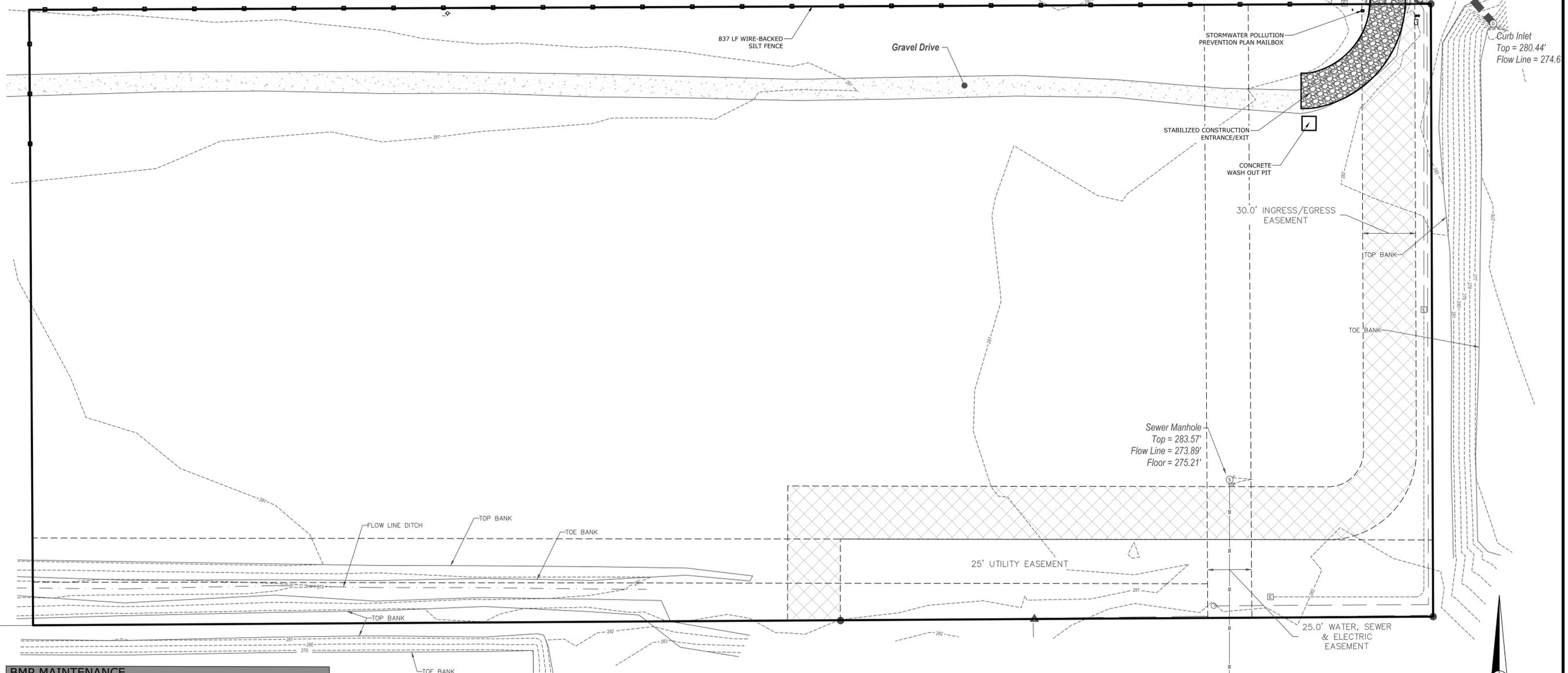
**C1.0**

**GENERAL DEMOLITION NOTES**

1. ALL AREAS WITHIN THE LIMITS OF DISTURBANCE TO BE DEMOLISHED AND REMOVED UNLESS OTHERWISE NOTED ON THIS PLAN.
2. THE CONTRACTOR IS REQUIRED TO NOTIFY THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO EXCAVATING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
3. THIS PLAN SHOULD BE USED IN CONJUNCTION WITH THE TOPOGRAPHICAL SURVEY FOR REFERENCE. THE LOCATION OF KNOWN SUBSURFACE STRUCTURES, PIPES, POWER, GAS, PHONE, ETC. ARE SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING INFORMATION AND SATISFYING HIMSELF TO AS TO THE LOCATION OF THE AFOREMENTIONED ITEMS, SHOWN AND NOT SHOWN. ALL REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE AS REQUIRED BY THE OWNER OF THE UTILITY OR STRUCTURE. THE COST OF SUCH REPAIRS OR RELOCATIONS NECESSARY SHALL BE BORNE BY THE CONTRACTOR.
4. CONTRACTOR SHALL DISPOSE OF ALL MATERIALS RESULTING FROM DEMOLITION IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS THAT GOVERN SUCH OPERATIONS.
5. ALL ABANDONED SERVICE LINES SHALL BE DISCONNECTED AND CAPPED PER UTILITY COMPANIES REQUIREMENTS. COORDINATE ALL DISCONNECTIONS WITH UTILITY COMPANIES.
6. CONTRACTOR IS TO BRING TO THE ATTENTION OF THE CIVIL ENGINEER ANY AREA OF DEMOLITION IN QUESTION BEFORE PROCEEDING WITH WORK.
7. CONTRACTOR TO REVIEW AND COORDINATE DEMOLITION LIMITS WITH PROPOSED CONSTRUCTION PLANS.
8. EXISTING CLEAN TOPSOIL TO BE STOCKPILED FOR FUTURE USE ON THIS SITE AND IS TO BE COORDINATED BY THE GENERAL CONTRACTOR.
9. ALL EXISTING WATER, GAS AND / OR ELECTRICAL METERS AS NOTED TO BE REMOVED WITHIN THE PROJECT AREA ARE TO BE RETURNED TO THE APPROPRIATE AUTHORITY.

**GENERAL EROSION CONTROL NOTES**

1. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AND CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DIRECTED BY PERMITTING AGENCY AND OWNER OR AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
2. PERMIT FOR ANY CONSTRUCTION ACTIVITY MUST BE MAINTAINED ON SITE AT ALL TIMES.
3. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
4. 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.
5. ALL WASH WATER SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
6. 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.
7. 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.
8. 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 STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
9. 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.
10. 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.
11. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
12. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
13. CONTRACTOR SHALL DESIGNATE / IDENTIFY AREAS INSIDE THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
14. ALL BMP'S SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED BY A MINIMUM OF 80% GRASS COVERAGE.
15. ALL DEWATERING ACTIVITIES SHALL CONFORM TO ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. DISCHARGED WATER MUST BE PROPERLY TREATED BEFORE RELEASING FROM THE SITE.



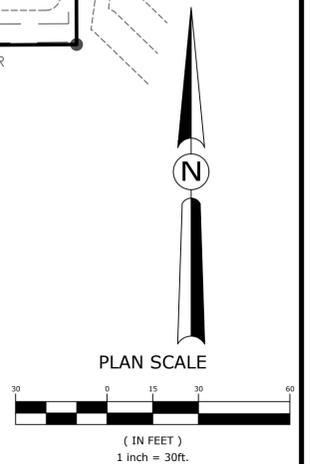
**BMP MAINTENANCE**

THE CONTRACTOR SHALL IMPLEMENT ALL MEASURES SHOWN ON THE EROSION CONTROL PLAN AND IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) TO THE FULLEST EXTENT PRACTICAL. THE CONTRACTOR SHALL HAVE CHECKED ALL SEDIMENT AND EROSION CONTROL MEASURES BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS OR EVERY FOURTEEN (14) DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT EXCEEDING 0.25". ALL SITE BMP'S SHALL BE MAINTAINED IN A FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE HAS OCCURRED. ALL SITE BMP'S SHALL BE REPAIRED AND / OR CLEANED IN ACCORDANCE WITH THE FOLLOWING:

1. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCE(S) IN A SUCH A CONDITION THAT WILL PREVENT MUD BEING TRACKED INTO ANY PUBLIC RIGHT OF WAY(S). THIS MAY REQUIRE PERIODIC TOP DRESSING OF ALL CONSTRUCTION ENTRANCE(S) AS NECESSARY.
2. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION. THIS MAY REQUIRE PERIODIC TOP DRESSING OF ALL PARKING AND STORAGE AREA(S) AS NECESSARY.
3. CONTRACTOR SHALL REPAIR ALL SILT FENCING TO THEIR ORIGINAL CONDITION IF DAMAGED; SEDIMENT SHALL BE REMOVED FROM ALONG THE FENCE WHEN SEDIMENT REACHES NO MORE THAN ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. CONTRACTOR SHALL FERTILIZE AND RESEED THESE AREAS AS NECESSARY.
5. IF THE GRAVEL FOUND IN ANY SEDIMENT FILTER(S) BECOME CLOGGED WITH SEDIMENT, CONTRACTOR SHALL PULL THE GRAVEL AWAY, CLEAN THE GRAVEL, AND REPLACE IN THE SEDIMENT FILTER(S).

**SEQUENCE OF CONSTRUCTION**

1. INSTALL PERIMETER EROSION CONTROL MEASURES AND TEMPORARY CONSTRUCTION ENTRANCES/CONCRETE WASHOUT.
2. EXCAVATION AND EMBANKMENT TO FORM THE PAVEMENT OR GRADED AREAS.
3. INSTALL STORM SEWER (ADJUST EXISTING SEDIMENT BARRIERS AS NECESSARY TO MAINTAIN SEDIMENT CONTROL).
4. INSTALL UNDERGROUND UTILITIES (ADJUST EXISTING SEDIMENT BARRIERS AS NECESSARY TO MAINTAIN SEDIMENT CONTROL); ADDITIONAL SEDIMENT BARRIERS SHALL BE UTILIZED AS REQUIRED TO BOUND THE DOWN SLOPE SIDE OF UTILITY CONSTRUCTION AND SOIL STOCKPILES.
5. INSTALL BUILDING.
6. FINAL GRADING (SEDIMENT BARRIERS SHALL BE MAINTAINED DOWN SLOPE FROM DISTURBED SOIL DURING THIS OPERATION).
7. INSTALL PAVING.
8. COMPLETION OF ONSITE STABILIZATION.
9. REMOVE PERIMETER EROSION CONTROL MEASURES.



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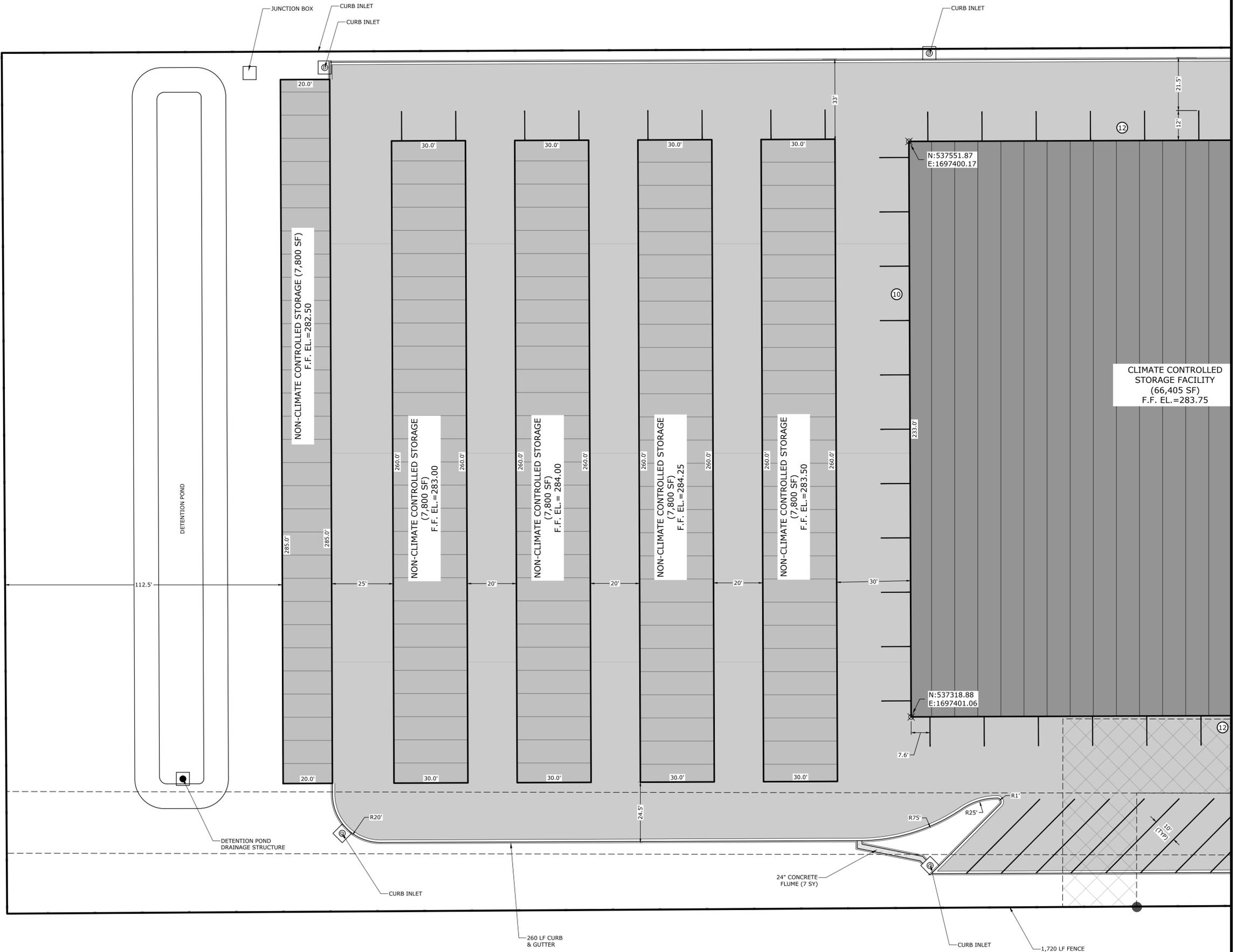
**SWPPP**

PROJECT ENG: **BCD** DRAWN BY: **JGB**  
 DATE: **APRIL 2024**  
 SCALE: **1" = 30'** JOB NUMBER: **DE 23-104**  
**C2.0**



**GENERAL SITE NOTES**

- CONTRACTOR SHALL RETAIN A FULL SET OF LATEST APPROVED CONSTRUCTION PLANS ON SITE DURING CONSTRUCTION ACTIVITIES.
- CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE SITE WORK SPECIFICATIONS PROVIDED BY DAVIDSON ENGINEERING OR AS SPECIFIED BY THE OWNER'S RESIDENT REPRESENTATIVE.
- ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.
- PUBLIC CONVENIENCE AND SAFETY:  
THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA IN AN ADEQUATE AND SATISFACTORY MANNER IN ACCORDANCE WITH THE ARDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- UNLESS OTHERWISE NOTED, ALL CURBING INDICATED SHALL BE 18" CONCRETE CURB AND GUTTER.
- ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE FROM THE BACK OF CURB, FACE OF BUILDING, OR CENTERLINE OF STRIPE.
- CONTRACTOR SHALL REFER TO ARCHITECT PLANS FOR EXACT BUILDING LOCATION, DIMENSIONS, AND UTILITY ENTRANCE LOCATIONS.
- ALL RADII FOR CURBS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COSTS.
- FOR SITE UTILITIES, SEE UTILITY PLAN(S).
- ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH THE OWNER'S STANDARD SITE SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).



PLAN SCALE



( IN FEET )  
1 inch = 20ft.

**LEGEND**

- CURB AND GUTTER
- EASEMENT
- BUILDING SETBACK
- PAINTED / THERMOELASTIC STRIPING
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- EXISTING SANITARY SEWER MANHOLE
- PARKING STALL COUNT
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING STORMWATER MANHOLE
- EXISTING ELECTRIC TRANSFORMER

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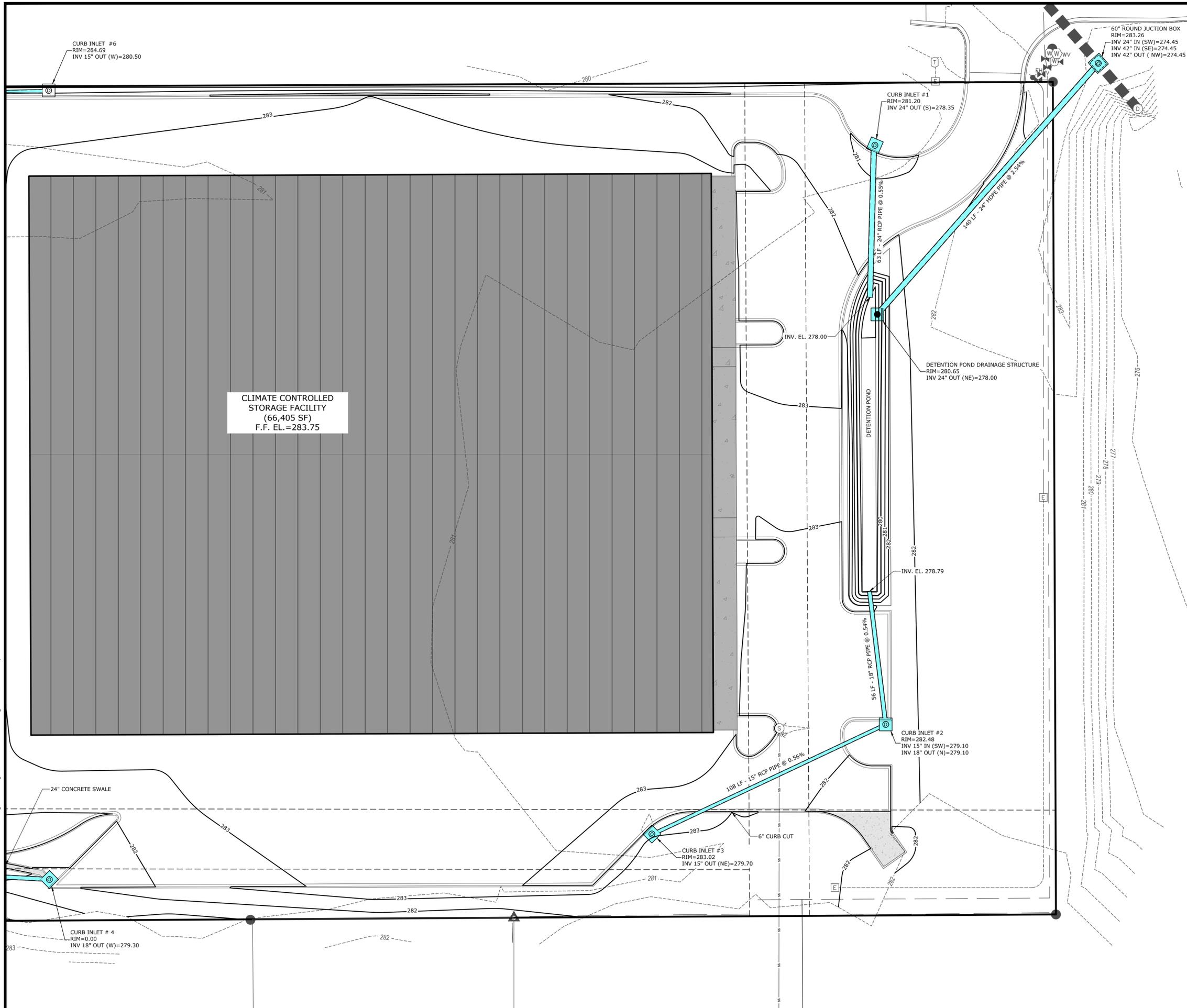
ORIGINAL SIGNATURE ON FILE

**SITE PLAN II (WEST)**

PROJECT ENG: <b>BCD</b>	DRAWN BY: <b>JGB</b>
DATE: <b>APRIL 2024</b>	
SCALE: <b>1" = 20'</b>	JOB NUMBER: <b>DE 23-104</b>

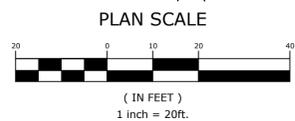
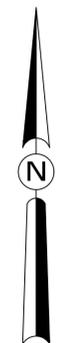
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**GENERAL GRADING/DRAINAGE NOTES**

1. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY EXISTING AND PROPOSED ELEVATION INACCURACIES OR DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION.
2. INFORMATION PERTAINING TO UNDER GROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD LOCATIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS IN ADVANCE OF MACHINE TRENCHING. IF CLEARANCES ARE LESS THAN SPECIFIED ON THESE PLANS OR 18", WHICH EVER IS LESS, CONTACT THE ENGINEER AND THE OWNER / DEVELOPER PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OR REMOVAL OF EXISTING UNDERGROUND UTILITIES SHOWN OR NOT SHOWN AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES ON ADJUSTING EXISTING UTILITY LINE AS REQUIRED BY CUT AND FILL AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF SHEETING, SHORING, BRACING, AND SPECIAL EXCAVATION MEASURES REQUIRED TO MEET ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS PURSUANT TO THE INSTALLATION OF THE WORK INDICATED ON THESE DRAWINGS.
6. ALL STORM DRAIN PIPES ARE MEASURED FROM CENTER OF STRUCTURES AND END OF FLARED END SECTIONS.
7. ALL DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE (UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE ENGINEER OF RECORD).
8. ALL DISTURBED AREAS AND SLOPES SHALL BE GRADED SMOOTH AND (4") OF TOP SOIL APPLIED. THE AREA SHALL BE SEED AND WATERED UNTIL HARDY GRASS GROWTH HAS BEEN ESTABLISHED (SEE LANDSCAPING GENERAL NOTES FOR SEEDING MIX & SPECIFICATIONS).
9. STORM SEWER TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL SHEET C6.1.
10. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL PRACTICES IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND CONSTRUCTION SCHEDULE. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR IMPLEMENTING THE SWPPP.
11. REMOVE GOOD TOPSOIL FROM AREAS TO BE GRADED AND FILLED, AND PRESERVE IT FOR USE IN FINISHING THE GRADING OF ALL CRITICAL AREAS.
12. SCARIFY AREAS TO RECEIVE TOPSOIL TO A MINIMUM DEPTH OF 3 INCHES BEFORE PLACING TOPSOIL PER OWNER / DEVELOPER, CITY, AND / OR DOT STANDARDS AND SPECIFICATIONS.
13. CLEAR AND GRUB AREAS TO BE FILLED, REMOVE TREES, VEGETATION, ROOTS, DEBRIS, AND OTHER MATERIALS THAT WOULD AFFECT THE STABILITY OF THE FILL.
14. ENSURE THAT FILL MATERIAL IS FREE OF BRUSH, RUBBISH, ROCKS, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER MATERIALS INAPPROPRIATE FOR CONSTRUCTING STABLE FILLS.
15. DO NOT INCORPORATE FROZEN MATERIAL OR SOFT, MUCK, OR HIGHLY COMPRESSIBLE MATERIALS INTO FILL SLOPES.
16. KEEP DIVERSIONS AND OTHER WATER CONVEYANCE MEASURES FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
17. PERMANENTLY STABILIZE ALL GRADED AREAS AFTER FINAL GRADING IS COMPLETED ON EACH AREA OF THE GRADING PLAN. APPLY TEMPORARY STABILIZATION MEASURES ON ALL GRADED AREAS WHEN WORK IS TO BE INTERRUPTED OR DELAYED (SEE EROSION CONTROL PLAN(S)).
18. CONTRACTOR SHALL MATCH TOP OF PROPOSED DRAINAGE STRUCTURES WITH PROPOSED GRADES. IF A DISCREPANCY OCCURS BETWEEN PROPOSED GRADES AND PROPOSED STRUCTURE TOPS, THE GRADING SHALL GOVERN. IF THE DISCREPANCY IS MORE THAN 4 INCHES, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD.
19. ALL UTILITIES, INCLUDING STORM SEWER, SHOWN WITHIN PUBLIC EASEMENTS OR RIGHT-OF-WAYS SHALL BE CONSTRUCTED TO THE GOVERNING AGENCY'S SPECIFICATIONS. ALL OTHER UTILITIES SHALL BE CONSTRUCTED TO THE CLIENT'S OR THE GOVERNING AGENCY'S SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. IF THERE IS A QUESTION AS TO WHICH SPECIFICATIONS SHOULD APPLY, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD.
20. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.
21. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY (STATE ONE CALL SYSTEM) AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
22. SITE GRADING SHALL NOT PROCEED UNTIL PERIMETER EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
23. REFER TO GEOTECHNICAL REPORT FOR GENERAL DESCRIPTION OF SOIL STRATA AND INFORMATION ON EXISTING ROCK.
24. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).



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**GRADING & DRAINAGE PLAN I (EAST)**

PROJECT ENG: **BCD** DRAWN BY: **JGB**

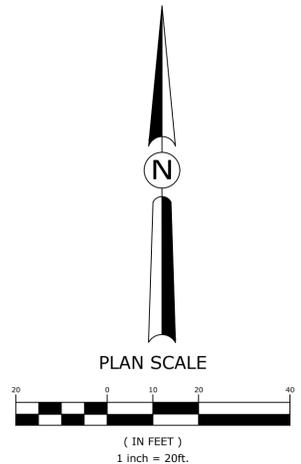
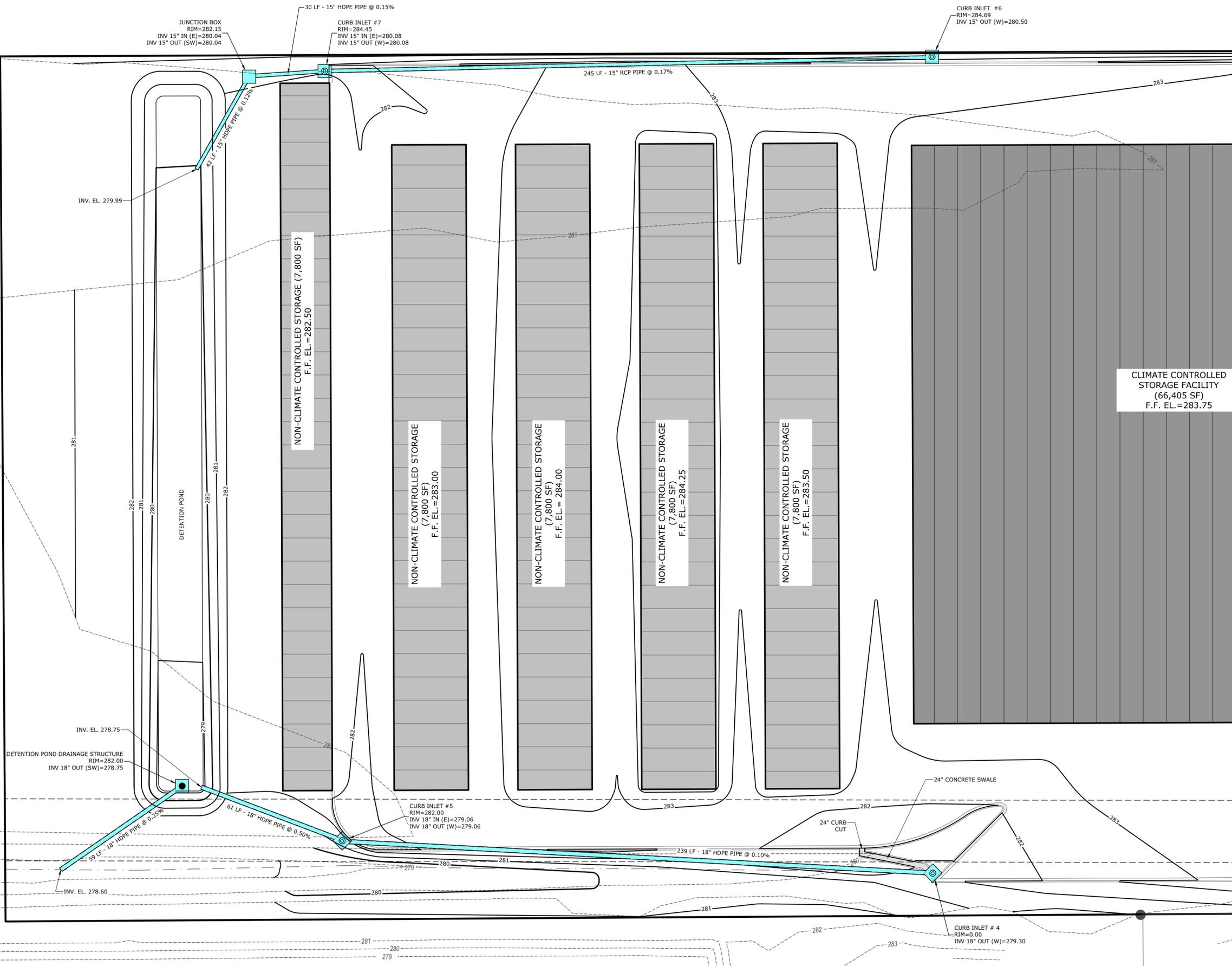
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- ALL DISTURBED AREAS AND SLOPES SHALL BE GRADED SMOOTH AND (4") OF TOP SOIL APPLIED. THE AREA SHALL BE SEEDED AND WATERED UNTIL HARDY GRASS GROWTH HAS BEEN ESTABLISHED (SEE LANDSCAPING GENERAL NOTES FOR SEEDING MIX & SPECIFICATIONS).
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- ALL UTILITIES, INCLUDING STORM SEWER, SHOWN WITHIN PUBLIC EASEMENTS OR RIGHT-OF-WAYS SHALL BE CONSTRUCTED TO THE GOVERNING AGENCY'S SPECIFICATIONS. ALL OTHER UTILITIES SHALL BE CONSTRUCTED TO THE CLIENT'S OR THE GOVERNING AGENCY'S SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. IF THERE IS A QUESTION AS TO WHICH SPECIFICATIONS SHOULD APPLY, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD.
- ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY.
- CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY (STATE ONE CALL SYSTEM) AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
- SITE GRADING SHALL NOT PROCEED UNTIL PERIMETER EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
- REFER TO GEOTECHNICAL REPORT FOR GENERAL DESCRIPTION OF SOIL STRATA AND INFORMATION ON EXISTING ROCK.
- CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).



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**DAVIDSON ENGINEERING DE**  
 210 W. ARCH AVE., STE. D  
 SEARCY, AR 72143  
 TEL: 501-388-2178

**ELMHURST DRIVE-STORAGE FACILITY  
 HART CONSTRUCTION**  
 JONESBORO, ARKANSAS

NO.	DATE	REVISIONS DESCRIPTION

ORIGINAL SIGNATURE ON FILE

**GRADING & DRAINAGE PLAN II (WEST)**

PROJECT ENG: **BCD** DRAWN BY: **JGB**

DATE: **APRIL 2024**

SCALE: **1" = 20'** JOB NUMBER: **DE 23-104**

**C4.1**

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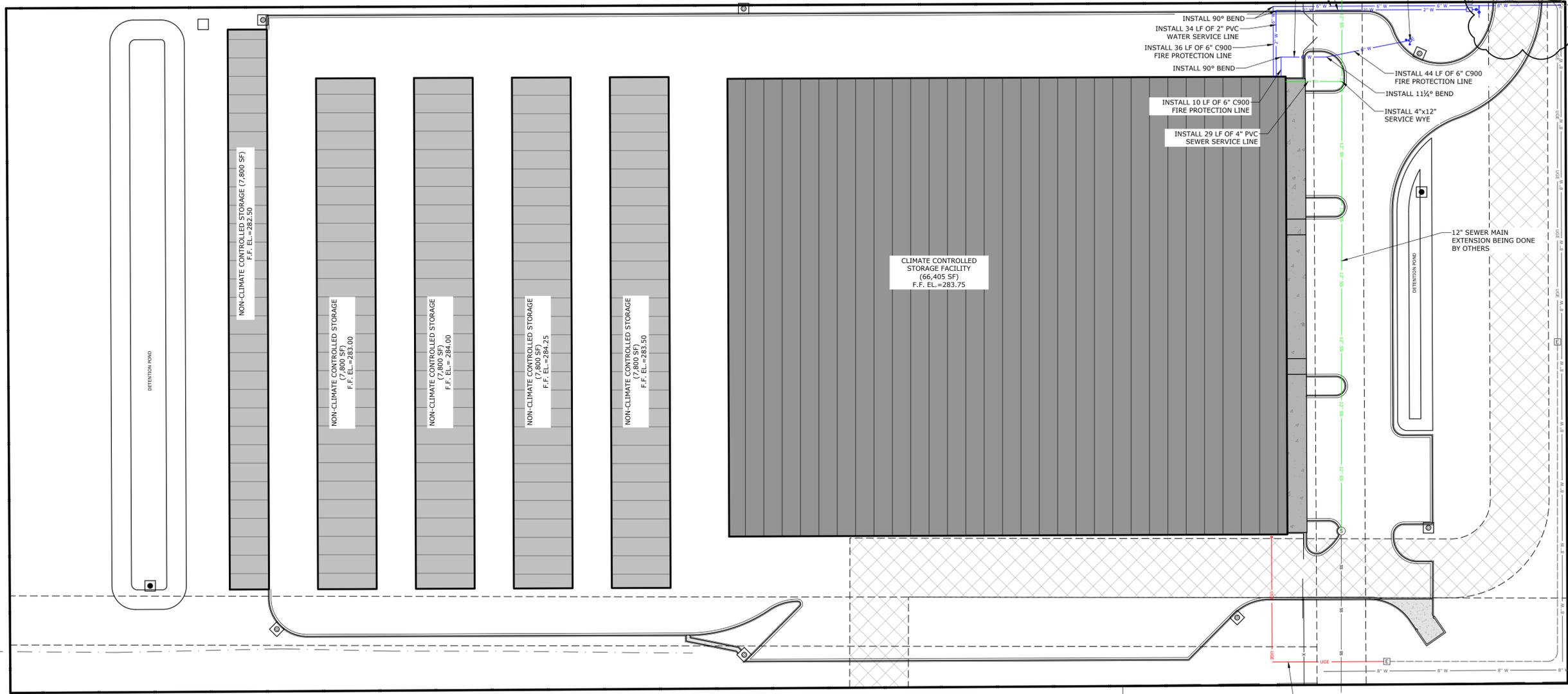
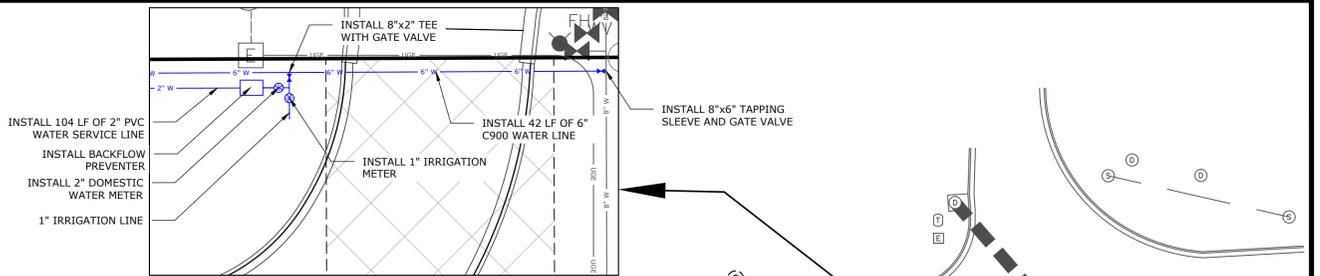
NO.	DATE	REVISIONS DESCRIPTION

ORIGINAL SIGNATURE ON FILE

**UTILITY PLAN**

PROJECT ENG: <b>BCD</b>	DRAWN BY: <b>JGB</b>
DATE: <b>APRIL 2024</b>	JOB NUMBER: <b>DE 23-104</b>

**C5.0**



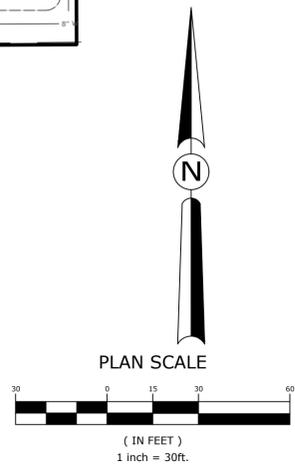
**GENERAL UTILITY NOTES**

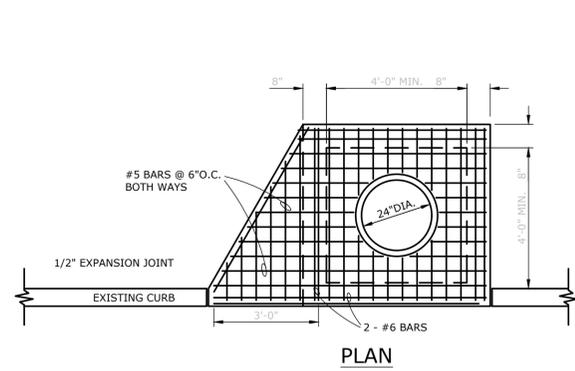
- ALL FIRE / FDC LINES SHALL BE PVC, UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM). ALL DOMESTIC WATER SERVICE LINES SHALL BE POLYETHYLENE PIPE, UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM). ALL DOMESTIC SANITARY SEWER SERVICE LINES SHALL BE PVC (SCH.40), OR OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM).
- EXISTING UTILITIES SHOWN ON PLANS HAVE BEEN SHOWN IN THEIR APPROXIMATE LOCATIONS PER AVAILABLE INFORMATION.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM THE APPROPRIATE UTILITY AUTHORITIES AND THE OWNER, AND THE CONTRACTOR HAS BEEN NOTIFIED BY DAVIDSON ENGINEERING.
- CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCES OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. DAVIDSON ENGINEERING AND THE OWNER ARE TO BE HELD HARMLESS.
- ALL TRENCHING, BACKFILLING AND PIPE LAYING IS TO MEET ALL OSHA REQUIREMENTS.

- THE LOCATION, DESCRIPTION AND SIZE OF ALL ABOVE-GROUND AND UNDER-GROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN DETERMINED WITH DUE CARE AND DILIGENCE, USING CURRENT TECHNIQUES, EQUIPMENT AND PROPER ACCURACY CONTROL PROCEDURES. HOWEVER, INFORMATION SHOWN HEREON IS NOT WARRANTED TO BE CORRECT IN EVERY DETAIL BECAUSE OF INACCURACIES IN OR LACK OF EXISTING DATA OR MAPS AND THE INABILITY TO VERIFY IN THE FIELD. PERSONS USING INFORMATION CONTAINED HEREON ARE HEREBY CAUTIONED ACCORDINGLY.
- REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLANS.
- ALL WATER & SEWER DESIGNS ARE SUBJECT TO THE CITY'S LATEST DESIGN CRITERIA (CITY WATER & LIGHT JONESBORO SPECIFICATIONS). REVIEW FOR PLAT APPROVAL IS NOT APPROVAL OF PUBLIC IMPROVEMENTS, AND ALL PROPOSED IMPROVEMENTS ARE SUBJECT TO FURTHER REVIEW AT THE TIME CONSTRUCTION PLANS ARE SUBMITTED.
- ANY DAMAGE TO THE EXISTING PUBLIC STREET DUE TO CONSTRUCTION SHALL BE REPAIRED / REPLACED AT THE OWNERS' / DEVELOPER'S EXPENSE.
- WATER AND SEWER IMPACT FEES WILL APPLY FOR THE ADDITIONAL IMPACT TO THE SYSTEM (IF APPLICABLE). THE FEES WILL BE BASED ON THE PROPOSED METER SIZE AND WILL BE CHARGED AT THE TIME OF METER SET (IF APPLICABLE).
- ALL CONDUITS PLACED BY CONTRACTOR MUST HAVE 24" OF COVER AT FINAL GRADE AND MARKED WITH POSTS TO IDENTIFY THE ENDS OF CONDUITS. THERE MUST BE A MINIMUM SEPARATION OF 12" BETWEEN ELECTRICAL CONDUITS AND

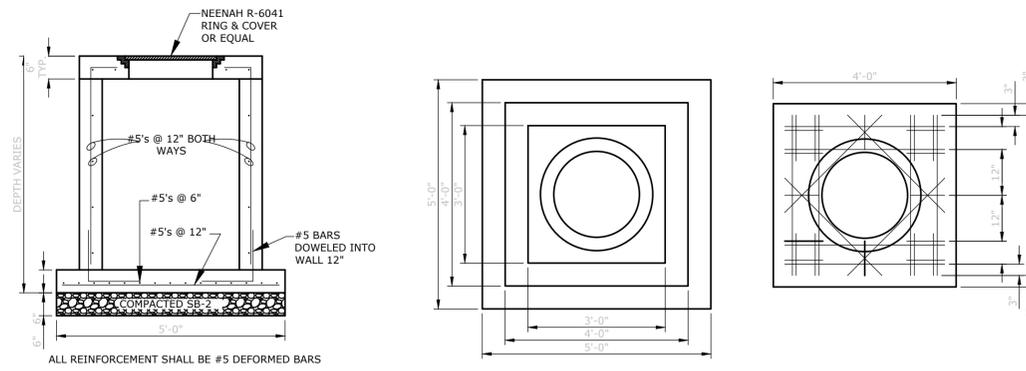
- CONDUITS FOR OTHER UTILITIES.
- SERVICE TAPS ON UTILITY MAINS (PROPOSED AND / OR EXISTING) SHALL BE MADE BY THE CITY, AND FEES PAID BY CONTRACTOR.
  - ALL UNDERGROUND LINES SHALL BE INSPECTED BY THE ENGINEER, OR HIS REPRESENTATIVE, PRIOR TO BACK FILLING.
  - DOMESTIC SANITARY SEWER SERVICE LINE TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL SHEET C6.0.
  - FDC AND DOMESTIC WATER SERVICE LINE TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL SHEET 6.0.
  - ALL WATER LINE DIMENSIONS SHOWN ARE TO CENTER OF PIPE OR FITTING; ALL SEWER LINE DIMENSIONS ARE SHOWN TO CENTER OF MANHOLE OR CENTER OF PIPE.
  - TESTING OF WATER AND SEWER LINES SHALL BE AT THE CONTRACTOR'S EXPENSE.
  - TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE EITHER FLUSH WITH FINISHED GRADES IN PAVED AREAS, OR 4" ABOVE FINISHED GRADES IN UNPAVED AREAS. TOPS OF PROPOSED MANHOLES SHALL BE FLUSH WITH FINISHED GRADES IN PAVED AREAS, OR 4" ABOVE FINISHED GRADES IN UNPAVED AREAS.
  - ALL UTILITIES UNDER PAVED AREAS SHALL RECEIVE CLASS 7 BASE BACKFILL FULL DEPTH.

- MAINTAIN MINIMUM HORIZONTAL SEPARATION OF 10' BETWEEN WATER AND SEWER MAINS AND 5' BETWEEN OTHER UNDERGROUND UTILITIES SUCH AS STORM SEWER, ELECTRICAL, GAS, DOMESTIC WATER / SEWER SERVICE LINES, AND CONDUITS.
- ALL EXISTING WATER, GAS AND / OR ELECTRICAL METERS AS NOTED TO BE ABANDONED AND / OR REMOVED PER THE DEMOLITION PLAN WITHIN THE PROJECT AREA ARE TO BE RETURNED TO THE APPROPRIATE AUTHORITY.
- COORDINATION OF ALL CONDUIT PLACEMENT SHALL BE MADE WITH UTILITY PROVIDERS.
- PROPOSED UTILITIES THAT ARE TO BE BURIED IN THE SAME TRENCH SHALL BE COORDINATED WITH, AND APPROVED BY, THE INVOLVED UTILITIES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF PROPOSED UTILITIES.
- ALL PROPOSED UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH GOVERNING AGENCY.
- CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).



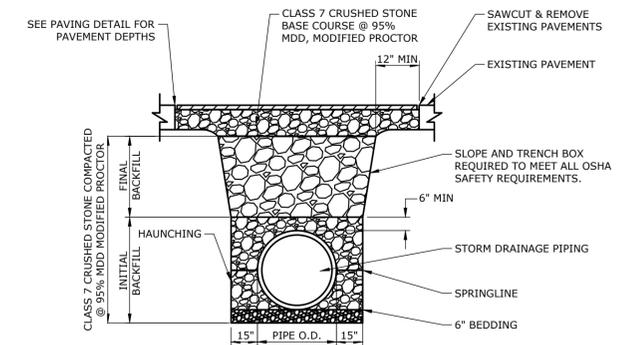


PLAN



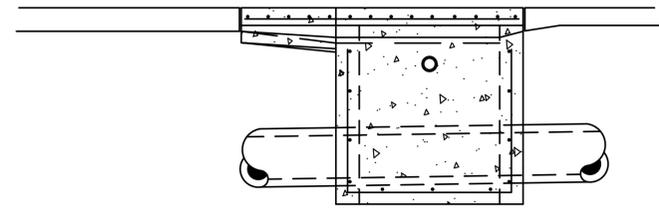
JUNCTION BOX DETAILS

N.T.S.



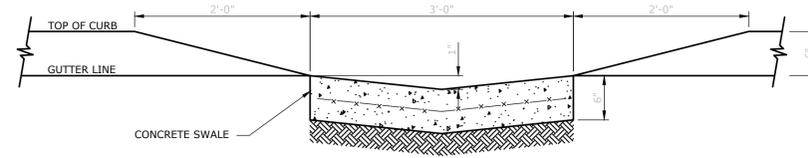
STORM DRAINAGE TRENCH DETAIL  
(UNDER PAVING OR SLAB)

N.T.S.



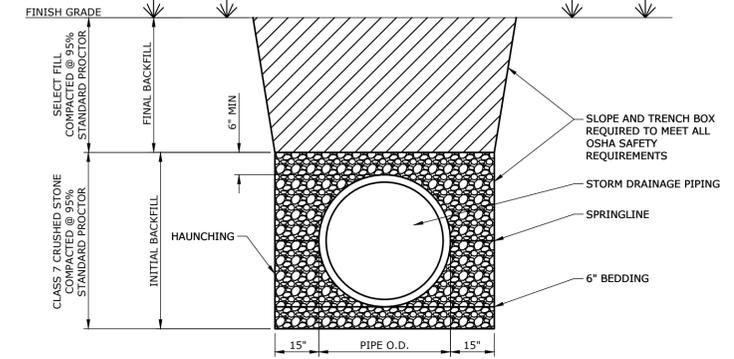
STANDARD CURB INLET DETAIL

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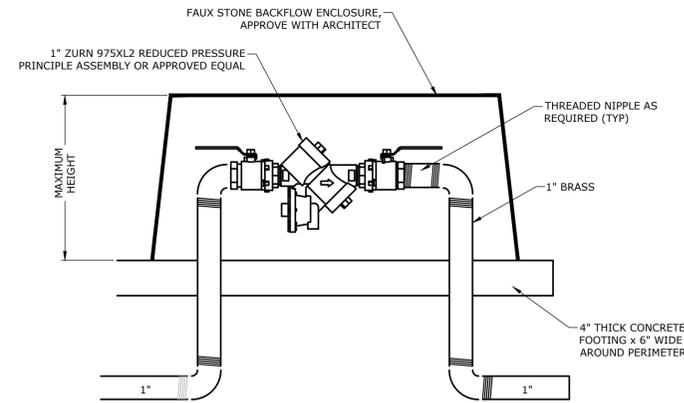
CURB CUT AT CONCRETE SWALE DETAIL

N.T.S.



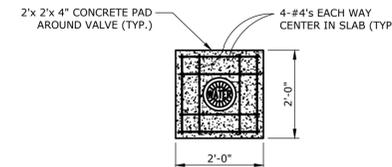
STORM DRAINAGE TRENCH DETAIL

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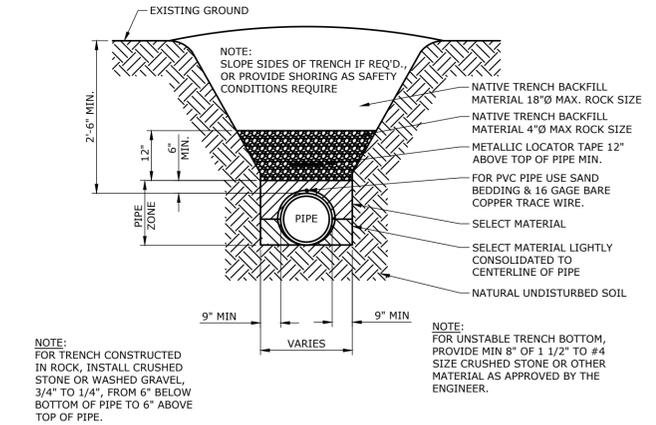
BACKFLOW PREVENTER DETAILS

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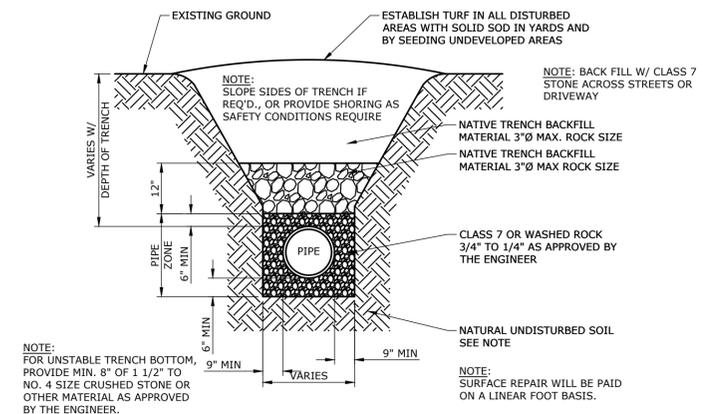
DETAIL-VALVE BOX

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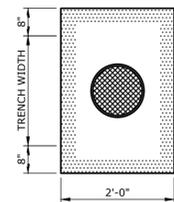
TYPICAL WATERLINE TRENCH

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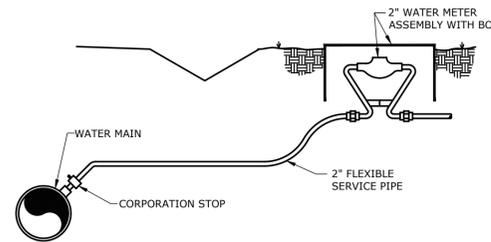
TYPICAL PVC SEWER TRENCH NOT  
UNDER PAVEMENT

N.T.S.



CLEANOUT

N.T.S.



2" METER SERVICE WITH METER BOX

N.T.S.

XX

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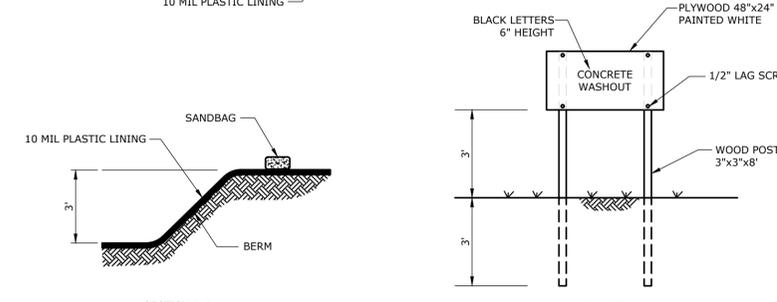
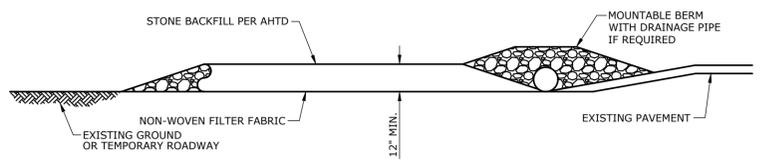
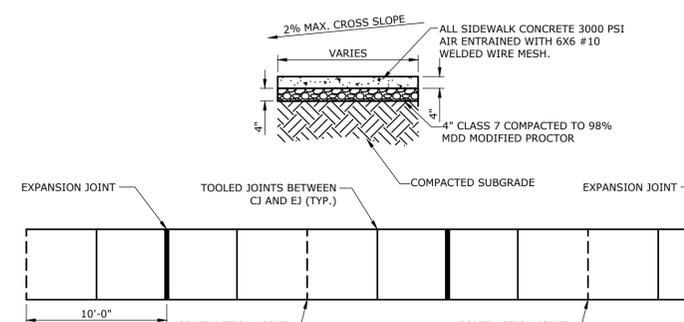
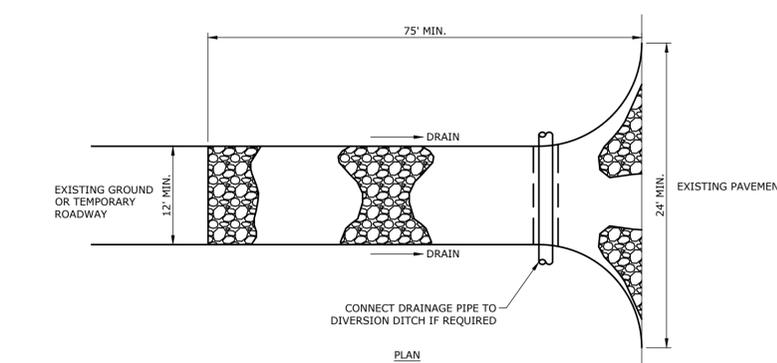
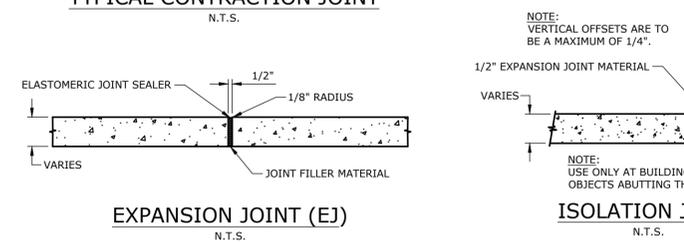
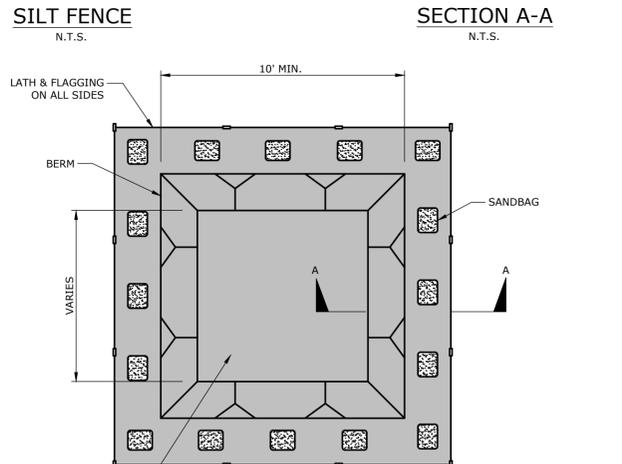
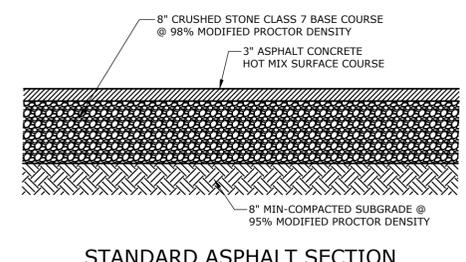
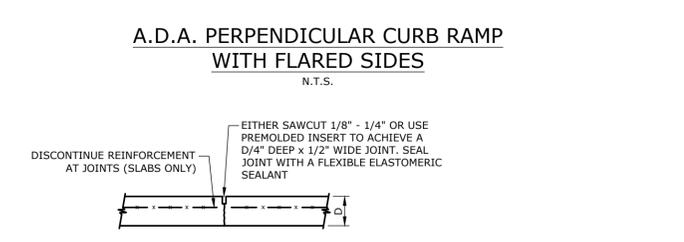
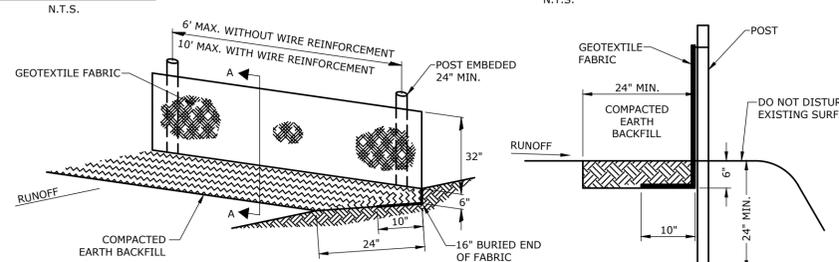
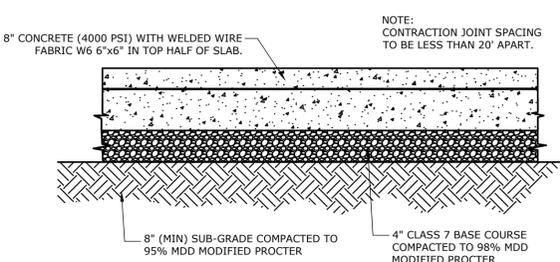
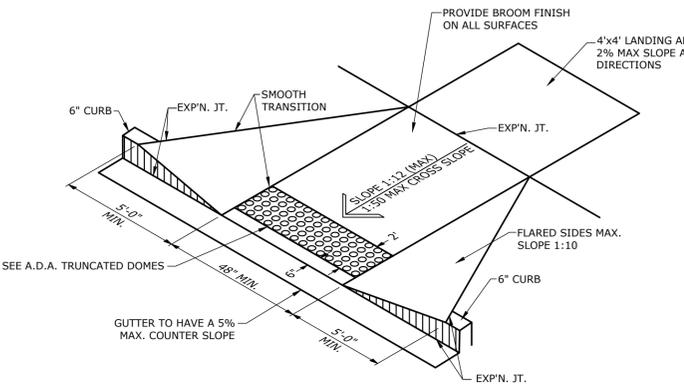
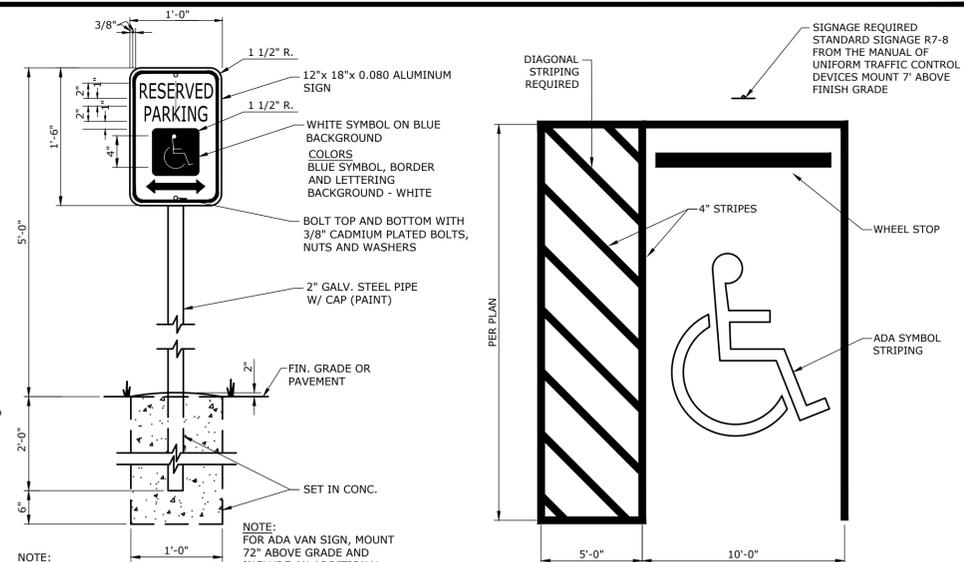
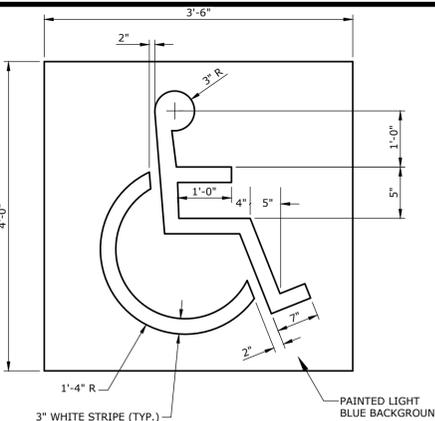
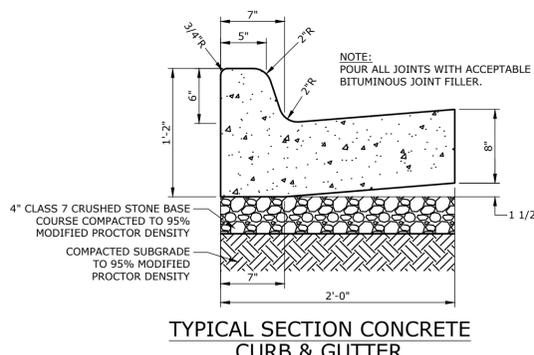
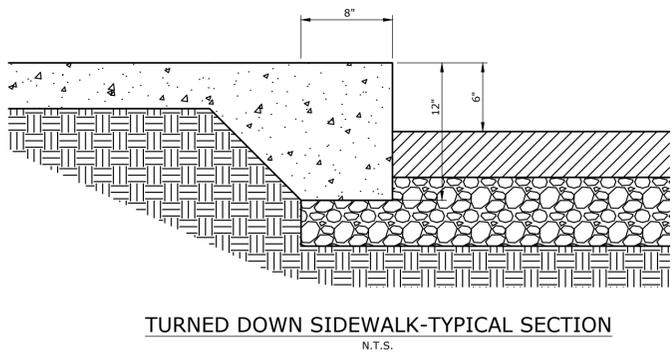
MISC. DETAILS I

PROJECT ENG: BCD DRAWN BY: JGB

DATE: APRIL 2024

SCALE: NTS JOB NUMBER: DE 23-104

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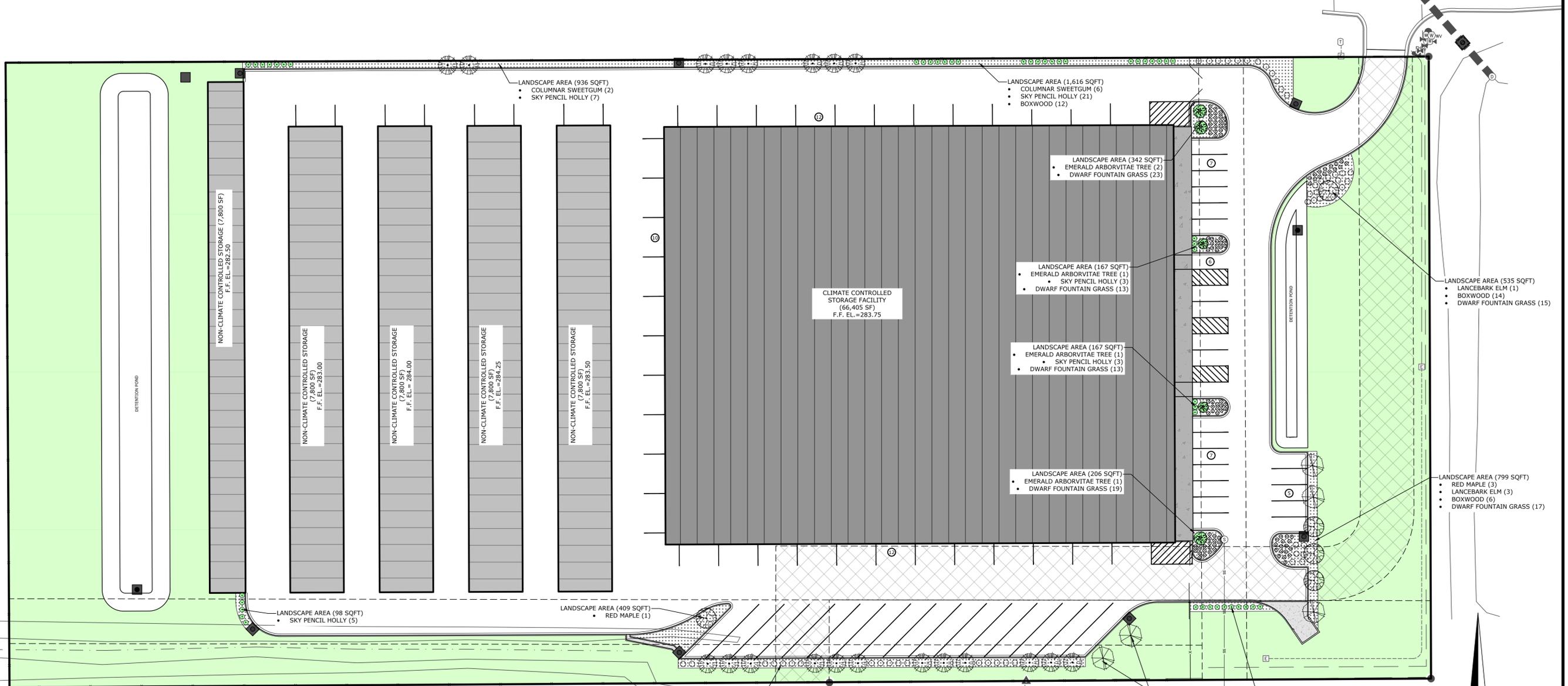
- NOTES:
- NO WASHING OUT OF CONCRETE TRUCKS OR WASHING OF SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS IS ALLOWED.
  - EXCESS CONCRETE IS NOT ALLOWED TO BE DUMPED ON-SITE, EXCEPT IN DESIGNATED TEMPORARY CONCRETE WASHOUT PIT AREAS.
  - ON-SITE TEMPORARY CONCRETE WASHOUT AREAS WILL BE LOCATED AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES AS DETERMINED IN THE FIELD.
  - THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
  - TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
  - WASHOUT FACILITIES WILL BE CLEANED OUT ONCE THE WASHOUT IS 75% FULL.
  - PLASTIC LINING MATERIAL WILL BE MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS.
  - WHEN WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE WILL BE REMOVED AND DISPOSED OF. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE REMOVED FROM THE SITE AND DISPOSED OF.



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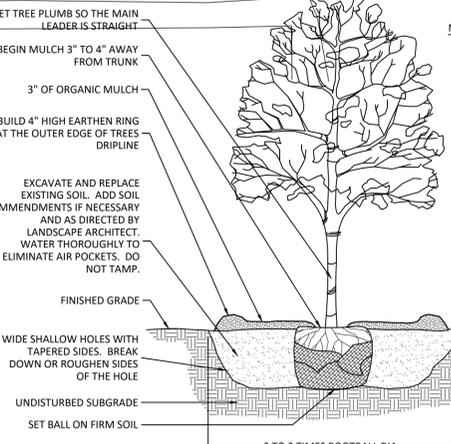
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**GENERAL LANDSCAPE NOTES:**

- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL PLANT QUANTITIES.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR CALCULATION OF ALL GRASS AND MULCH AREAS. VERIFY LOCATIONS WITH OWNER.
- ADJUSTMENTS IN ACTUAL LOCATION OF PLANT MATERIAL MAY BE NECESSARY DUE TO EXISTING FIELD ITEMS (AIR CONDITIONERS, TRANSFORMERS, ETC.).
- FULL BED PREPARATION TYPICAL. REFERENCE PLANTING DETAILS.
- LANDSCAPE CONTRACTOR TO PROVIDE A UNIT COST (INCLUDING INSTALLATION) FOR ALL ITEMS.
- WHEN THE SAME SPECIES OF TREES ARE PAIRED OR GROUPED IN 3 OR MORE, THEY SHOULD BE MATCHED IN SIZE, SHAPE, GROWTH CHARACTERISTICS, ETC.
- PLANT MATERIAL AVAILABILITY SHALL BE CONFIRMED BY LANDSCAPE CONTRACTOR PRIOR TO BIDDING. SHOULD SPECIFIED MATERIAL NOT BE AVAILABLE, THE OWNER AND ENGINEER SHALL BE NOTIFIED PRIOR TO BID DATE.
- VERIFY LOCATION OF ALL UTILITY LINES PRIOR TO INSTALLATION. FIELD ADJUST FOR GENERAL INTENT IF CONFLICT EXISTS.
- THE LANDSCAPE CONTRACTOR SHALL NOT ELIMINATE, SUBSTITUTE, AND/OR DOWNSIZE PLANT MATERIAL WITHOUT PRIOR APPROVAL OF THE OWNER AND ENGINEER. MINIMUM STANDARDS AND REQUIREMENTS OF THE CITY OF JONESBORO MUST BE MAINTAINED.
- PLANTING BEDS SHALL RECEIVE 3 INCHES OF HARDWOOD MULCH TYPICAL.
- ALL PLANT MATERIALS SHALL BE MAINTAINED BY OWNER IN A HEALTHY AND GROWING CONDITION, AND BE REPLACED WITH PLANT MATERIAL OF SIMILAR VARIETY AND SIZE IF DAMAGED, DESTROYED, OR REMOVED (SEE WARRANTY INFORMATION).
- LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS, AND OTHER MATERIAL OR PLANTS NOT A PART OF THE LANDSCAPING.
- ALL LANDSCAPE AREAS SHALL BE CONSTRUCTED, INSTALLED, AND MAINTAINED SO AS NOT TO CONSTRUCT VIEW OF MOTORISTS BETWEEN THE STREET AND THE ACCESS DRIVES. VISIBILITY TRIANGLES SHALL ALWAYS REMAIN UNOBSTRUCTED.
- ALL PERMEABLE SURFACES NOT OCCUPIED BY TREES, SHRUBS, PLANTING BEDS, EXISTING GRASS, SIGNS, AND OTHER PERMITTED ITEMS OR FIXTURES SHALL BE LAWN AREAS. THESE LAWN AREAS, UNLESS SPECIFIED OTHERWISE, SHALL BE BERMUDA SOD.
- PLANT MATERIAL SHALL BE HEALTHY AND VIGOROUS, FULL BRANCHED ON ALL SIDES, WELL SHAPED SYMMETRICAL AND SHALL BE FREE OF DEFECTS, DECAY, SUN-SCALD INJURIES, ABRASIONS OF THE BARK AND LIMBS, DISEASE, INSECT EGGS AND LARVA.
- THE OWNER OR ENGINEER HAS THE RIGHT TO INSPECT ALL MATERIALS PRIOR TO AND AFTER DELIVERY TO THE SITE AS WELL AS AFTER INSTALLATION AND SHALL RESERVE THE RIGHT TO ACCEPT OR REJECT SAID MATERIALS AT ANY TIME.
- CONTRACTOR TO INSTALL AN UNDERGROUND POP-UP TYPE IRRIGATION SYSTEM. IRRIGATION SYSTEM SHALL WATER ALL LANDSCAPE PLANTING AND LAWN AREAS. ADJUSTMENTS TO THE SYSTEM SHALL LIMIT OVERSPRAY ONTO ADJACENT ROADWAYS AND CONSERVE WATER TO THE GREATEST EXTENT POSSIBLE. IRRIGATION CONTRACTOR TO COORDINATE WITH CIVIL ENGINEER AND SITE CONTRACTOR FOR LOCATION OF SLEEVING FOR IRRIGATION SYSTEM.
- TOPSOIL SHALL BE FERTILE NATURAL SURFACE SOIL, UNIFORM IN COMPOSITION, SIMILAR TO SITE TOPSOIL IF APPROVED, FREE OF STONES LUMPS WEEDS, AND ROOTS. MINIMUM 20 PERCENT ORGANIC MATTER, 50 TO 50 PERCENT SAND, 15-20 PERCENT CLAY.
- THERE SHALL BE A 3 INCH MINIMUM LAYER OF GOOD TOPSOIL IN ALL GRASS AREAS. GRADE AREAS AROUND SIDEWALKS AND CURBS 1 INCH BELOW TOP OF CONCRETE TO ALLOW FOR SOD THICKNESS.
- TOPSOIL IN PLANTING BEDS TO BE MOUNDED AND GRADED IN A WAY TO ALLOW POSITIVE DRAINAGE AWAY FROM BUILDING AND TO DETER ANY PONDING.



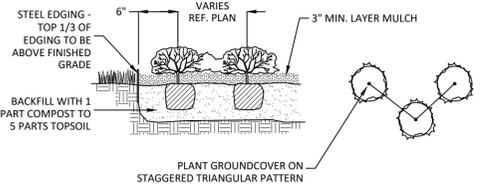
**DETAIL - TREE PLANTING  
 SCALE - NTS**

**WARRANTY:**  
 ALL WORK IS WARRANTED FOR (1) FULL YEAR AFTER INITIAL ACCEPTANCE. THE LANDSCAPE CONTRACTOR IS OBLIGATED TO CORRECT ANY WORK FOUND TO BE DEFECTIVE OR NONCONFORMING. UPON NOTICE, REMOVE DEAD MATERIALS AND ALL MATERIALS NOT IN VIGOROUS, THRIVING CONDITION, AS SOON AS WEATHER PERMITS AND ON NOTIFICATION BY THE LANDSCAPE ARCHITECT OR OWNER. PLANTS, INCLUDING TREES, WHICH HAVE PARTIALLY DIED SO THAT SHAPE, SIZE OR SYMMETRY HAS BEEN DAMAGED, SHALL BE CONSIDERED FOR REPLACEMENT. IN SUCH CASES, THE OPINION OF THE LANDSCAPE ARCHITECT WILL BE FINAL. ANNUAL PLANTS WILL BE GUARANTEED FOR A PERIOD COINCIDING WITH THEIR NORMAL SEASON OF GROWTH. PLANTS USED FOR REPLACEMENT SHALL BE OF THE SAME KIND AND SIZE AS THOSE ORIGINALLY PLANTED, AND SHALL BE PLANTED AS ORIGINALLY SPECIFIED. ALL WORK, INCLUDING MATERIALS, LABOR, AND EQUIPMENT USED IN REPLACEMENT, WILL BE AT NO COST TO THE OWNER. REPLACEMENT PLANTS SHALL CARRY A ONE (1) YEAR WARRANTY. ANY DAMAGE, INCLUDING RUTS IN LAWN OR BED AREAS, INCURRED IN MAKING REPLACEMENTS SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER OR LANDSCAPE ARCHITECT BY THE LANDSCAPE CONTRACTOR.

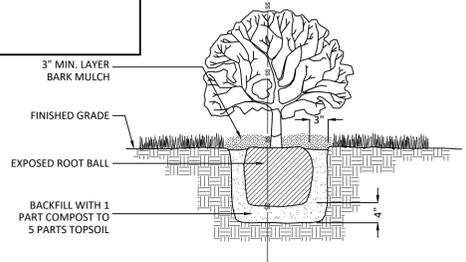
**NOTES:**

- STAKE ONLY IF NECESSARY AND AS DIRECTED BY THE LANDSCAPE ARCHITECT.
- REMOVE ANY TWINE, ROPE, FLAGGING, WRAPPING, OR GUARDS FROM TREE.
- PRUNE ONLY DEAD OR BROKEN BRANCHES OR DOUBLE LEADERS AT TIME OF PLANTING.
- ROOTBALL - ROOT COLLAR SHALL BE VISIBLE. REMOVE EXCESS SOIL FROM TOP OF BALL IF NEEDED. SET TOP OF BALL 1" TO 2" ABOVE FINISHED GRADE TO ALLOW FOR SETTLING. AFTER SETTLING BALL IN HOLE, CUT AWAY OR REMOVE THE ENTIRE WIRE BASKET. CUT AWAY OR REMOVE BURLAP. IF ROOTBALL BEGINS FALLING APART DURING INSTALLATION OR WHILE REMOVING THE WIRE BASKET, CUT AWAY ONLY HALF OF THE BURLAP. SCORE OR PULL APART ANY CIRCLING ROOTS.

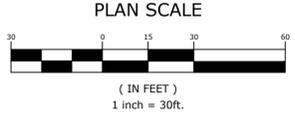
PLANT MATERIAL LIST					
SYMBOL	COMMON NAME	SCIENTIFIC NAME	QUAN.	SIZE	REMARKS
<b>TREES</b>					
⊙	LANCEBARK ELM	ULMUS PARVIFOLIA	4	2 1/2" CAL.	BALLED & BURLAPPED, SINGLE-TRUNK, FULL CROWN
⊙	RED MAPLE	ACER RUBRUM	6	2 1/2" CAL.	BALLED & BURLAPPED, SINGLE-TRUNK, FULL CROWN
⊙	EMERALD ARBORVITAE	THUJA OCCIDENTALIS 'SMARAGD'	5	2 1/2" CAL.	BALLED & BURLAPPED, SINGLE-TRUNK, FULL CROWN
⊙	COLUMNAR SWEETGUM	LIQUIDAMBAR STYRACIFLUA	20	2 1/2" CAL.	BALLED & BURLAPPED, SINGLE-TRUNK, FULL CROWN
<b>SHRUBS</b>					
○	BOXWOOD	BUXUS SEMPERVIRENS	49	5 GAL	FULL
⊕	SKY PENCIL HOLLY	ILEX CRENATA 'SKY PENCIL'	49	5 GAL	FULL
<b>PERENNIALS</b>					
⊙	DWARF FOUNTAIN GRASS	PENNISETUM ALOPECUROIDES	100	1 GAL	



**DETAIL - GROUNDCOVER PLANTING  
 SCALE - NTS**



**DETAIL - SHRUB PLANTING  
 SCALE - NTS**



**LANDSCAPE CALCULATIONS:**

- PROPERTY AREA: 276,604 SQFT (6.35± ACRES)
- TREE AND SHRUB REQUIREMENTS
  - 1 TREE OR SHRUB PER 2,000 SQFT
  - 276,604/2,000 = 138.30 138 TOTAL TREES & SHRUBS REQUIRED
  - 25% HAS TO BE TREES 35 TOTAL TREES
  - PLANNED TREES = 35
  - SHRUBS
    - 138 (TOTAL TREES & SHRUBS) - 35 (PLANNED TREES) = 103 TOTAL SHRUBS
    - PLANNED SHRUBS = 98
    - PERENNIALS (20 = 1 SHRUB)
    - MAX OF 15% OF REQUIRED SHRUBS
    - 103 x 15% = 14.45 SHRUBS (309 PERENNIALS)
    - PLANNED PERENNIALS = 100 (5 SHRUBS)
- GREENSPACE
  - LANDSCAPE AREAS = 6,631 SQFT ( 2.4%)
  - BERMUDA GRASS AREA = 62,991 SQFT (22.8%)
  - TOTAL = 69,622 SQFT (25.2%)
- OPEN SPACE
  - GREENSPACE = 69,622 SQFT
  - DETENTION POND (FRONT) = 2,449 SQFT
  - DETENTION POND (REAR) = 11,277 SQFT
  - TOTAL = 83,348 SQFT (30.1%)

NO.	DATE	REVISIONS DESCRIPTION

ORIGINAL SIGNATURE ON FILE

**LANDSCAPE PLAN**

PROJECT ENG: **BCD** DRAWN BY: **JGB**  
 DATE: **APRIL 2024**  
 SCALE: **1" = 30'** JOB NUMBER: **DE 23-104**