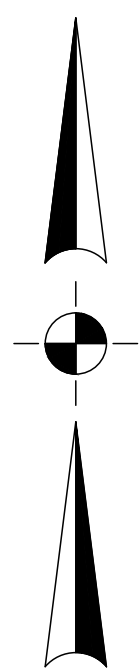


CONSTRUCTION PLANS FOR:
HOME2SUITES

LOCATION:
CITY LIMITS OF VICKSBURG
WARREN COUNTY, MISSISSIPPI
MAY, 2019

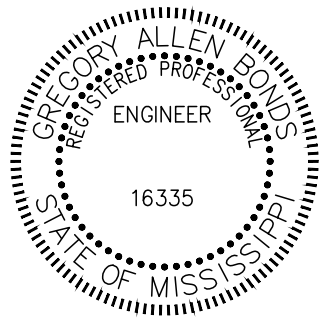


VICINITY MAP

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FOR CONSTRUCTION



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05/08/19
Date

Equipment, materials and construction of all improvements required in these plans shall be in accordance with these construction drawings & project specifications.

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SHEET NUMBER
C100

PROJECT NUMBER
B-5657

GENERAL CONSTRUCTION NOTES:

- IT IS NOT THE INTENT OF THESE CONSTRUCTION DRAWINGS, NOTES OR DETAILS TO COVER ALL OF THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.
- ALL ELEMENTS AND ITEMS NEEDED FOR THE COMPLETE INSTALLATION OF THE IMPROVEMENTS SHOWN IN THESE PLANS THAT ARE NOT SHOWN AS A SEPARATE PAY ITEM SHALL BE CONSIDERED AN ABSORBED COST.
- THE CONTRACTOR SHALL FURNISH ALL EFFORT, LABOR, EQUIPMENT AND MATERIALS REQUIRED TO PROPERLY, SAFELY AND ACCEPTABLY COMPLETE THE WORK IN A TIMELY MANNER. ALL WORK AND CONSTRUCTION PROCEDURES ARE SUBJECT TO THE APPROVAL OF THE ENGINEER/CITY OF VICKSBURG/OWNER. THE CONTRACTOR WILL BE EXPECTED TO PROGRESS DILIGENTLY AND CONSISTENTLY ITS ACTIVITIES AND OPERATION ON ALL WORKING DAYS WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE THEREFOR. THE CONTRACTOR SHALL WARRANT HIS WORKMANSHIP AND MATERIALS APPLIED AND INSTALLED FROM THE DATE OF SUCH APPLICATION AND INSTALLATION UNTIL ONE YEAR AFTER ACCEPTANCE OF THE WORK BY THE OWNER.
- ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE UTILITY OWNER'S TO VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES (POWER, TELEPHONE, GAS, WATER, SEWER, ETC.) LOCATED IN THE PROJECT AREA PRIOR TO CONSTRUCTION AND COMPARE HIS FINDINGS AGAINST THE PROPOSED IMPROVEMENTS REQUIRED IN THESE PLANS. SHOULD ANY DISCREPANCIES BE FOUND BETWEEN THE EXISTING CONDITIONS AND PROPOSED IMPROVEMENTS THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN WRITING AND AWAIT FURTHER INSTRUCTION. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE UTILITY OWNER BY THE CONTRACTOR. THIS INCLUDES ALL SERVICE LATERALS OF ANY KIND.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE INTEGRITY AND OPERATIONS OF ALL ABOVE AND BELOW GROUND UTILITY FACILITIES AT ALL TIMES. THE CONTRACTOR SHALL CONDUCT ITS ACTIVITIES AND OPERATIONS TO INSURE THE FUNCTIONAL INTEGRITY OF EACH UTILITY FACILITY LOCATED WITHIN THE WORK SITE. THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITY ENCOUNTERED WITHIN THE CONSTRUCTION LIMITS WHETHER SHOWN ON THE PLANS OR NOT AND SHALL COORDINATE REPAIR, REPLACEMENT OR RELOCATION WITH THE APPROPRIATE UTILITY COMPANY AT NO COST TO THE OWNER.
- THE CONTRACTOR IS REQUIRED BY LAW TO NOTIFY MISSISSIPPI ONE CALL @ 811 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION TO LOCATE ALL EXISTING UTILITIES ON SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLISHING OR REMOVING ANY EXISTING ABOVE OR BELOW GROUND TELEPHONE, CABLE, POWER, OR GAS LINES BUT SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH ALL LOCAL UTILITY COMPANIES.
- THE CONTRACTOR SHALL VERIFY ALL SHOWN DIMENSIONS AND ELEVATIONS (EXISTING AND PROPOSED) IN THE FIELD AND SHALL SATISFY HIMSELF AS TO THE ACCURACY BETWEEN WORK SET FORTH ON THESE PLANS AND THE WORK REQUIRED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL MARK THE CONSTRUCTION LIMITS AND REVIEW WITH THE ENGINEER/OWNER PRIOR TO PERFORMING ANY CLEARING OPERATIONS.
- THE CONTRACTOR SHALL CAREFULLY PROTECT AND PRESERVE ALL SURVEY MARKERS OR MONUMENTS ENCOUNTERED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL UTILIZE TEMPORARY FENCING AS REQUIRED BY LOCAL, STATE AND FEDERAL CODES TO PROTECT AND INSURE A SAFE WORK AREA.
- ALL MATERIAL THAT IS CONSIDERED UNSUITABLE FOR FILL MATERIAL SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
- THE CONTRACTOR SHALL ESTABLISH A VEGETATIVE COVER (TEMPORARY AND/OR PERMANENT) IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS ON ALL AREAS WHERE THE EXISTING VEGETATION WAS REMOVED OR DISTURBED DURING CONSTRUCTION.
- ALL TESTING SHALL BE DONE BY AN APPROVED TESTING LABORATORY AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COPIES OF ALL TEST RESULTS TO THE ENGINEER. IF TESTING IS NOT A PAY ITEM IT SHALL BE ABSORBED.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO MATCH PRE-CONSTRUCTION CONDITION OR BETTER PRIOR TO COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL PLACE ALL EXCAVATED MATERIAL IN LOCATIONS TO PREVENT EROSION INTO DRAINAGEWAYS. ALL AREAS DISTURBED BY EXCAVATED MATERIAL PLACEMENT TO BE RESTORED TO ITS ORIGINAL CONDITION.
- ALL EXCAVATIONS ARE TO BE BACKFILLED AT THE END OF EACH WORK DAY.
- ALL FENCING, SIDEWALKS, CURBS, FLOWER BEDS, PLANTERS, ETC. THAT IS DAMAGED DURING CONSTRUCTION WILL BE REPLACED AND RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL KEEP ALL ROADS CLEAN OF MUD AND DEBRIS AT ALL TIMES. CONTRACTOR MUST ENSURE THAT ROADS ARE CLEAN PRIOR TO LEAVING THE SITE FOR THE DAY. ALL CLEANING AND MAINTENANCE SHALL BE ABSORBED.
- THE CONTRACTOR SHALL CAREFULLY REMOVE, STORE AND REINSTALL ALL CITY/COUNTY/STATE OWNED SIGNS WHOSE REMOVAL IS REQUIRED BY HIS CONSTRUCTION WORK IN THE PROJECT AREA. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR THE APPROPRIATE AGENCY TO INSPECT ALL SIGNS SCHEDULED TO BE REMOVED PRIOR TO THEIR REMOVAL. ONCE SAID SIGNS HAVE BEEN REMOVED, IT WILL BE ASSUMED THAT THEY WERE IN GOOD CONDITION AT TIME OF REMOVAL. ANY SIGNS DAMAGED OR LOST BY THE CONTRACTOR SHALL BE REPLACED AT NO COST TO THE APPROPRIATE AGENCY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY AND ALL EXISTING STRUCTURES NECESSARY FOR COMPLETION OF WORK DESCRIBED IN THESE PLANS UNLESS OTHERWISE NOTED.
- ALL GRADING WORK SHALL BE PERFORMED IN A MANNER TO PROMOTE POSITIVE DRAINAGE AND KEEP THE EXISTING DRAINAGE PATTERNS. NO GRADING WORK SHALL ADVERSELY AFFECT ADJACENT PROPERTY OWNERS.
- PRIOR TO SUBMISSION OF ITS BID THE CONTRACTOR SHALL REVIEW THESE PLANS, THE ESTIMATED QUANTITIES FOR THE PRINCIPAL ITEMS OF WORK ON WHICH PAYMENT IS TO BE BASED, AND THE DOCUMENTS REFERENCED HEREIN. SUBMISSION OF ITS BID SHALL BE DEEMED A POSITIVE INDICATION THAT THE CONTRACTOR FOUND ALL OF SAME ADEQUATE FOR SUBMISSION OF A UNIT PRICE BID AND FOR INSTALLATION AND/OR CONSTRUCTION OF THE WORK.
- STATIONING AND LENGTHS SHOWN (STREET AND UTILITY) IS HORIZONTAL STATIONING MEASURED ON A LEVEL PLANE. ACTUAL LENGTH SHALL BE DETERMINED BY MEASUREMENT ALONG THE SLOPE OR CURVE.
- THE CONTRACTOR SHALL PROCURE ALL REQUIRED PERMITS AND LICENSES; PAY ALL FEES, CHARGES AND TAXES (INCLUDING SALES AND USE TAXES); GIVE ALL REQUIRED NOTICES; MAINTAIN AN ORDERLY AND SAFE FLOW OF TRAFFIC; MAINTAIN PROPER STORMWATER DRAINAGE; LOCATE AND AVOID DISRUPTING ALL EXISTING UTILITIES; TRANSPORT ALL EQUIPMENT AND MATERIALS AS REQUIRED BY ANY AGENCY HAVING JURISDICTION OVER ANY ROAD USE THEREOF; TRANSPORT, HANDLE AND INSTALL ALL MATERIALS IN ACCORDANCE WITH THEIR RESPECTIVE MANUFACTURER'S RECOMMENDATIONS AND PROJECT SPECIFICATIONS; PROPERLY BACKFILL ALL TRENCHES AND EXCAVATIONS; MAINTAIN A CLEAN AND ORDERLY WORK SITE; PROMPTLY REMOVE ALL DEBRIS AND EXCESS MATERIAL FROM THE PROJECT AREA; MAINTAIN CLEARANCE OF THE WORK; AND RESTORE TO SUBSTANTIALLY THE SAME OR BETTER CONDITIONS ALL DISTURBED PAVEMENTS AND GROUND SURFACES.
- NO ACTIVITY REQUIRED FOR THE ACCOMPLISHMENT OF THE WORK IS TO BE PERFORMED WHEN SOIL CONDITIONS ARE NOT CONDUCIVE THEREFOR. DRAINAGE SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL CONDUCT ITS OPERATIONS AND ACTIVITIES IN SUCH A MANNER AS TO MINIMIZE THE EROSION OF SOILS AND THE DEPOSITION OF SEDIMENTS INTO EXISTING DRAINAGE COURSES DOWNSTREAM OF PROJECT WORK SITE OR INTO ADJACENT PROPERTIES.
- ELEVATIONS ARE BASED ON M.S.L. DATUM (NAVD 88).

SITE GRADING AND PAVING NOTES:

- TECHNICAL SPECIFICATION FOR MATERIALS AND CONSTRUCTION METHODS FOR PAVING AND EARTHWORK FOR THIS PROJECT SHALL CONFORM TO THE LATEST EDITION OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THESE PLANS AND SPECIFICATIONS AND THE GEOTECHNICAL REPORT, SHOULD ANY CONFLICTS BETWEEN THE NOTES STATED HEREIN, THE PROJECT SPECIFICATIONS, THE GEOTECHNICAL REPORT AND THE REFERENCED MDOT STANDARDS, THE GEOTECHNICAL REPORT SHALL GOVERN, FOLLOWED BY THE MDOT STANDARDS. ANY CONFLICTS NOT RESOLVED BY EITHER OF THESE DOCUMENTS SHALL BE DECIDED BY ARCHITECT/ENGINEER TO REFLECT HIS INTENTION.
- EARTH EXCAVATION SHALL INCLUDE: CLEARING, STRIPPING, AND THE STOCKPILING OF TOPSOIL, REMOVING UNSUITABLE MATERIALS, THE CONSTRUCTION OF EMBANKMENTS, NON-STRUCTURAL FILLS, FINAL SHAPING AND TRIMMING TO THE LINES, GRADES AND CROSS SECTIONS SHOWN ON THE PLANS. ALL UNSUITABLE OR EXCESS MATERIAL SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER.
- AS AN INITIAL STEP OF SITE PREPARATION, TREES AND VEGETATION WITHIN THE CONSTRUCTION LIMITS SHOULD BE REMOVED. TREE AND VEGETATION REMOVAL (CLEARING AND GRUBBING) WILL INCLUDE STUMPS AND ROOT SYSTEMS. HOLES CREATED BY TREE AND STUMP REMOVAL SHOULD BE BACKFILLED WITH SELECT FILL SOILS AND COMPACTED PER SPECIFICATIONS/AS DIRECTED BY ENGINEER.
- AFTER CLEARING AND GRUBBING, STRIPPING (12" MINIMUM DEPTH) SHOULD BE PERFORMED TO A SUFFICIENT DEPTH WITHIN CONSTRUCTION AREAS TO REMOVE ORGANIC-LADEN SURFICIAL SOILS, VEGETATION, DEBRIS, BRUSH AND ROOTS (TOPSOIL). TOPSOIL EXCAVATED SHALL BE STOCKPILED ON THE SITE IN AREAS DESIGNATED BY THE ENGINEER UNTIL SUCH TIME THAT THIS TOPSOIL CAN BE USED FOR FINAL GRADING. THIS IS NOT A PAY ITEM, BUT SHALL BE AN ABSORBED COST.
- ONCE CLEARING, GRUBBING, AND STRIPPING HAS BEEN COMPLETED THE CONTRACTOR SHALL EXCAVATE AREAS THAT ARE TO BE CUT TO REACH PLAN GRADE. CONTRACTOR SHALL THEN NOTIFY THE ENGINEER FOR A FIELD INSPECTION OF THE SUBGRADE PRIOR TO PLACEMENT OF ANY SELECT FILL. CONTRACTOR SHALL HAVE EQUIPMENT AVAILABLE TO PERFORM A PROOF ROLL OR FOR FURTHER EXCAVATION SHOULD THE ENGINEER DEEM NECESSARY. FINE-GRAINED SOILS EXPOSED AFTER STRIPPING, EXCAVATION AND UNDERCUTTING ARE SUSCEPTIBLE TO PUMPING AND/OR BECOMING UNSTABLE AND RUTTING EXCESSIVELY UNDER WET CONDITIONS. THE CONSTRUCTION TECHNIQUES, TYPES OF EQUIPMENT UTILIZED AND SITE DRAINAGE PROVIDED DURING CONSTRUCTION WILL HAVE A GREAT EFFECT ON THE PERFORMANCE OF THE FINE-GRAINED SOILS THROUGHOUT THE PROJECT. THE ROUTING OF RUBBER-TIRED EQUIPMENT SHOULD BE CONTROLLED TO MINIMIZE TRAFFIC OVER THE SITE. ALL TRAFFIC SHOULD BE DISCOURAGED DURING PERIODS OF INCLEMENT WEATHER.
- UNDERCUTTING AND BACKFILLING WILL BE REQUIRED TO REMOVE EXPANSIVE CLAYS (CH) IF PRESENT AND CREATE THE RECOMMENDED SOIL BUFFER DESCRIBED BELOW AT BUILDING STRUCTURE LOCATIONS AS DIRECTED BY THE OWNER AND AT ALL PAVEMENT AND SIDEWALK LOCATIONS.
- IMPORT SELECT FILL MATERIAL (PARKING & ACCESS DRIVES) SHALL CONSIST OF SELECT, NON-ORGANIC AND DEBRIS-FREE SILTY CLAYS (CL) HAVING A PLASTICITY INDEX (PI) WITHIN THE RANGE OF 8 TO 22 AND A LIQUID LIMIT LESS THAN 40. TO BE CLASSIFIED AS SILTY CLAYS (CL) THE FILL MATERIALS MUST HAVE MORE THAN 70% FINES PASSING THE NUMBER 200 SIEVE.
- IMPORT SELECT, STRUCTURAL FILL MATERIAL SHALL CONSIST OF SELECT, NON-ORGANIC AND DEBRIS-FREE SILTY CLAYS (CL) HAVING A PLASTICITY INDEX (PI) WITHIN THE RANGE OF 8 TO 20 AND A LIQUID LIMIT LESS THAN 40. TO BE CLASSIFIED AS SILTY CLAYS (CL) THE FILL MATERIALS MUST HAVE MORE THAN 70% FINES PASSING THE NUMBER 200 SIEVE.
- RECOMMENDED SOIL BUFFER FOR THE BUILDINGS TO EXTEND Laterally NOT LESS THAN 3' BEYOND THE STRUCTURE LIMITS.
- RECOMMENDED SOIL BUFFER FOR PAVEMENT AND SIDEWALK IS TO BE 3' THICK AND EXTEND Laterally NOT LESS THAN 3' BEYOND PAVEMENT, SIDEWALK EDGES.
- FILL SOILS SHOULD BE COMPACTED IN LIFTS NOT EXCEEDING 8" IN LOOSE THICKNESS TO NOT LESS THAN 98% OF THE STANDARD PROCTOR DENSITY (ASTM D-698-91) AT MOISTURE CONTENTS WITHIN 2 PERCENTAGE POINTS OF THE OPTIMUM WATER CONTENT. STABILITY MUST BE EVIDENT DURING COMPACTION OF EACH LIFT BEFORE ANY SUBSEQUENT LIFTS OF FILL MATERIAL ARE ADDED.
- FIELD MOISTURE DENSITY TESTS SHALL BE PERFORMED FREQUENTLY IN THE SCARIFIED AND COMPACTED ON-SITE SOILS AND IN EACH COMPACTED LIFT OF FILL MATERIAL. TESTS TO BE PERFORMED A MINIMUM OF ONE TEST PER LIFT FOR EACH 2,000 S.F. OF SURFACE AREA FOR THE BUILDING PAD CONSTRUCTION AND ONE TEST PER LIFT FOR EACH 5,000 S.F. OF SURFACE AREA FOR THE PARKING LOT AND DRIVEWAYS. TEST RESULTS TO BE FAXED TO BENCHMARK ENGINEERING & SURVEYING, LLC AT 601-591-0711. A PROOF ROLL OF THE SUB-GRADE FOR THE CURB AND PARKING LOT IS ALSO REQUIRED PRIOR TO PLACEMENT OF CURB & GUTTER AND ASPHALT BASE. CONTRACTOR SHALL NOTIFY ENGINEER AT A MINIMUM OF 48 HOURS PRIOR.
- THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE THE PONDING OF STORM WATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL TAKE SPECIAL CARE IN GRADING NEAR TREES, BUSHES AND SHRUBS WHICH ARE NOT TO BE REMOVED SO AS NOT TO CAUSE INJURY TO ROOTS OR TRUNKS.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO THESE EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- PROPOSED ELEVATIONS INDICATE FINISHED CONDITIONS. FOR ROUGH GRADING ELEVATIONS ALLOW FOR THICKNESS OF PROPOSED ITEMS (ROADS, WALKS, DRIVES, ETC.) OR TOPSOIL AS SHOWN.
- STREET PAVING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE, AND IF DAMAGED, SHALL BE REPLACED PROMPTLY.

WATER & SEWER NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE ALL THE MATERIALS AND APPURTENANCES NECESSARY FOR THE COMPLETE INSTALLATION OF THE WATER AND SEWER UTILITIES.
- THE CONTRACTOR SHALL MAKE ALL TIES TO EXISTING UTILITIES AND COORDINATE THEM WITH THE CITY OF VICKSBURG PUBLIC WORKS DEPARTMENT.
- ALL MANHOLES, FIRE HYDRANTS, VALVE BOXES, ETC. LOCATED IN PROJECT AREA SHALL BE ADJUSTED TO PROPER LINE AND FINISHED GRADE BY THE CONTRACTOR AFTER PLACING OF PAVEMENT AND BEFORE FINAL ACCEPTANCE.
- TRENCHING AND EMBEDMENT WORK SHALL CONFORM TO THE PROJECT SPECIFICATIONS AND SHALL FOLLOW THE TYPICAL CROSS-SECTION DETAIL FOR TRENCHING. UNLESS SPECIFIED OTHERWISE, BACKFILL MATERIAL SHALL BE COMPACTED TO 98% DENSITY OF STANDARD PROCTOR IN ACCORDANCE WITH ASTM D-698. ALL BACKFILL MATERIAL SHALL BE COMPACTED IN 6" LAYERS.
- THE END OF WATER AND SEWER SERVICE LINES SHALL BE TIGHTLY CAPPED OR PLUGGED AND MARKED UNTIL SUCH TIME AS SERVICE CONNECTIONS ARE MADE OR LINES OR EXTENDED.
- ALL WATER AND SANITARY SEWER LINES SHALL BE INSTALLED WITH A MINIMUM OF THREE FEET (3') OF COVER OVER THE TOP OF THE PIPE AT FINISHED GRADE OR AS SHOWN OR NOTED OTHERWISE. WHERE INSTALLED IN A ROADWAY SECTION THE MINIMUM COVER OVER THE TOP OF THE PIPE SHALL BE FOUR FEET (4'). BACKFILL SHALL BE PLACED IN 6" LIFTS AND COMPACTED TO 98% STANDARD PROCTOR DENSITY.
- WATER LINE SHALL BE INSTALLED TO MAINTAIN A MINIMUM CLEARANCE OF 12" BELOW OR ABOVE EXISTING OR PROPOSED STORM DRAIN PIPING AND STRUCTURES THAT ARE PARALLEL TO OR INTERSECT THE WATER MAIN WHILE MAINTAINING THE MINIMUM COVER REQUIREMENTS.
- TEN FEET (10') OF HORIZONTAL CLEARANCE IS REQUIRED BETWEEN ALL WATER AND SEWER LINES. AT LOCATIONS WHERE THE WATER AND SEWER LINES MUST CROSS EACH OTHER THERE SHALL BE A MINIMUM CLEARANCE OF 18" WITH THE WATER PASSING OVER THE SEWER. IF THESE SEPARATIONS CANNOT BE MET, THE SEWER LINE SHALL BE CONSTRUCTED TO THE SAME SPECIFICATIONS AS THE WATER LINE AND BE WATER TIGHT UNTIL SUCH A POINT WHERE MINIMUM SEPARATION CAN BE MET. WHERE GRAVITY FLOW SEWERS CROSS ABOVE WATER LINES, THE SEWER PIPE FOR A DISTANCE OF TEN (10') FEET, EACH SIDE OF THE CROSSING, EITHER SHALL BE DUCTILE IRON PRESSURE PIPE WITHOUT ANY JOINT CLOSER THAN THREE (3') FEET TO THE CROSSING, OR SHALL BE FULLY ENCASED IN CONCRETE.
- ALL SANITARY SEWER SERVICES SHALL BE MARKED WITH A "Y" CUT INTO THE FACE OF THE CURB.
- ALL WATER SERVICE LINES SHALL BE INSTALLED 10' TO THE UPHILL SIDE OF THE SEWER SERVICE LINE UNLESS OTHERWISE SHOWN. SERVICE LINE LOCATION TO BE MARKED WITH A "W" CUT INTO THE FACE OF THE CURB.
- FIRE HYDRANT MAKE AND MODEL SHALL BE APPROVED BY THE CITY OF VICKSBURG PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLATION. FIRE HYDRANTS SHALL BE PAINTED WHITE.
- THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING THE WATER AND SEWER SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS AND SHALL NOTIFY THE ENGINEER AND THE CITY OF VICKSBURG PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS IN ADVANCE OF PERFORMING ANY TESTS. A COPY OF ALL TEST RESULTS SHALL BE FAXED TO BENCHMARK ENGINEERING & SURVEYING, LLC @ 601-591-0711.
- FITTINGS SHALL BE OF MECHANICAL JOINT TYPE AND SHALL BE RESTRAINED BY THE USE OF MEGA-LUGS AND CONCRETE THRUST BLOCKING. MEGA-LUGS AND THRUST BLOCKS ARE ABSORBED IN THE PER FOOT OF PIPE OR IN THE FITTINGS PAY ITEM.
- THE LENGTHS OF THE SANITARY SEWER LINES ARE MEASURED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE. FITTINGS FOR ALL APPLICATIONS OF WATER AND SEWER LINES WHICH ARE NOT AN ITEMIZED PAY ITEM SHALL BE AN ABSORBED COST.
- ALL DISCONNECTIONS OR CONNECTIONS TO EXISTING WATER AND SEWER SYSTEM SHALL BE MADE DURING OFF-PEAK PERIODS AND COORDINATED WITH THE CITY OF VICKSBURG.

STORM DRAIN NOTES:

- TECHNICAL SPECIFICATIONS FOR STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE LATEST EDITION OF MISSISSIPPI STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION.
- OPEN OUTLET ENDS OF CORRUGATED PLASTIC PIPE TO BE ANCHORED SECURELY INTO GROUND.
- INLET/JUNCTION BOX SIZES TO BE DETERMINED BY CONTRACTOR OR MANUFACTURER BASED ON THE PIPE SIZES AND THE ENTRY/EXIT ANGLE OF THE CULVERTS.
- CURB INLET TOPS SHALL MATCH THE LONGITUDINAL SLOPE OF THE ROADWAY/CURB WHEN COMPLETE.
- CURB INLET TOPS SHALL NOT BE SECURED/POURED UNTIL THE CURB HAS BEEN INSTALLED. JUNCTION BOX AND GRATE INLET TOPS SHALL NOT BE SECURED UNTIL FINAL GRADING HAS TAKEN PLACE.
- JUNCTION BOX AND GRATE INLET TOPS TO BE FIELD ADJUSTED ONCE FINAL GRADING HAS TAKEN PLACE.

EROSION CONTROL NOTES:

- "TEMPORARY EROSION CONTROL" PAY ITEM INCLUDES ALL ITEMS SHOWN ON THE CONTRACT DRAWINGS AND ALL ITEMS REQUIRED TO STAY IN COMPLIANCE WITH THE REQUIREMENTS OF THE CITY OF VICKSBURG AND THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ).
- EROSION CONTROL ITEMS DEPICTED ON THE CONTRACT DRAWINGS ARE THE MINIMUM REQUIREMENTS. CONTRACTOR IS RESPONSIBLE TO INSTALL ADDITIONAL ITEMS AS NEEDED TO MEET ABOVE MENTIONED REQUIREMENTS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO CONTROL EROSION AND STORM WATER POLLUTION THROUGHOUT THE CONSTRUCTION PERIOD IN ACCORDANCE WITH THE REQUIREMENTS OF THE MDEQ. THIS INCLUDES BUT IS NOT LIMITED TO PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT MEASURES, INSPECTIONS, INSPECTION REPORTS, AND UPDATES TO EROSION CONTROL PLAN SHOWING FAILURES, REPAIRS AND ADDITIONAL MEASURES TAKEN.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE ANY CONSTRUCTION ACTIVITIES BEGIN.
- CLEARING AND GRUBBING SHALL BE HELD TO THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE IMPROVEMENTS.
- EMBANKMENTS AND EXCAVATED AREAS SHALL BE PROMPTLY STABILIZED TO MINIMIZE EROSION.
- WATTLE EROSION CHECKS, SILT FENCING OR OTHER APPROVED BMPs SHALL BE USED ALONG THE TOE OF FILL SLOPES, IN DITCHES, AND IN OTHER AREAS WHERE EROSION IS A PROBLEM AND SILT LADEN RUNOFF MAY ENTER A STREAM, DITCH OR ADJACENT PROPERTY.
- ANY STOCKPILED SOIL OR FILL MATERIAL SHALL BE LOCATED AND TREATED IN A MANNER TO PREVENT SILT FROM ENTERING STREAMS, DITCHES OR ADJACENT PROPERTY. NO EXCAVATED MATERIAL SHALL BE DISCHARGED FROM THE CONSTRUCTION LIMITS. THE CONTRACTOR SHALL DISPOSE OF ALL EXCAVATED MATERIAL IN A LOCATION APPROVED BY THE ENGINEER.
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONTINUALLY MAINTAINED. THE CONTRACTOR SHALL KEEP ALL AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION FREE OF MUD AND DEBRIS.
- CONTRACTOR SHALL COMPLY WITH THE EROSION CONTROL REQUIREMENTS OF THE CITY OF VICKSBURG AND THE REQUIREMENTS OF THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY.
- CONTRACTOR TO UTILIZE APPROVED BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL.
- ALL DISTURBED AREAS NOT PAVED SHALL BE SEEDED, MULCHED, FERTILIZED AND WATERED AS REQUIRED TO PREVENT EROSION.
- ALL EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE DISTURBED UPSTREAM AREA HAS BEEN INSPECTED BY THE ENGINEER AND APPROVAL HAS BEEN GIVEN FOR REMOVAL.
- CONTRACTOR WILL PROVIDE A STORAGE AREA FOR ALL POTENTIALLY TOXIC MATERIALS THAT ARE TO BE STORED ON SITE. THE LOCATION OF THIS AREA SHALL BE COORDINATED WITH THE ENGINEER/CITY OF VICKSBURG.
- FUEL AND MATERIAL STORAGE AREAS SHALL BE LOCATED AS FAR AWAY FROM ANY DITCHES OR STREAMS AS POSSIBLE. A 60MIL POLYETHYLENE LINER IS REQUIRED UNDER FUEL TANKS.
- CONTRACTOR WILL BE RESPONSIBLE FOR ANY REPAIRS OR REPLACEMENT REQUIRED TO RESTORE AREAS TO THEIR ORIGINAL CONDITION WHERE EROSION CONTROL MEASURES FAILED.

STANDARD ABBREVIATIONS, SYMBOLS & LINETYPES

ABBREVIATIONS

#	POUND
ASSY.	ASSEMBLY
AUG.	AUGERAGE
B.F.E.	BASE FLOOD ELEVATION
BLDG.	BUILDING
BM	BENCHMARK
C	CHORD LENGTH
CI	CENTERLINE
CONC.	CONCRETE
CONST.	CONSTRUCTION
C.M.P.	CORRUGATED METAL PIPE
C.P.P.	CORRUGATED PLASTIC PIPE
C.Y.	CUBIC YARD
DIA.	DIAMETER
D.I.P.	DUCTILE IRON PIPE
DBL.	DOUBLE
DWG.	DRAWING
E.A.	EACH
EASE.	EASEMENT
EP	EDGE OF PAVEMENT
EXIST.	EXISTING
EXT.	EXTENSION
E.W.	EACH WAY
F.L.	FLARED END SECTION
F.F.E.	FINISHED FLOOR ELEVATION
F	FLOWLINE (EQUALS INVERT)
FM	SANITARY SEWER FORCE MAIN
GV	GATE VALVE
IB	GRATE INLET
HORIZ.	HORIZONTAL
HWY.	HIGHWAY
HYD.	HYDRANT
INV.	INVERT (EQUALS FLOWLINE)
JB	JUNCTION BOX
LB	POUND
L.F.	LINEAR FEET (HORIZONTAL)
MAX.	MAXIMUM
MH	SANITARY SEWER MANHOLE
MIN.	MINIMUM
M.J.	MECHANICAL JOINT
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
PC	POINT OF CURVATURE
PERM.	PERMANENT
PI	POINT OF INTERSECTION
PROP.	PROPOSED
PT	POINT OF TANGENCY
R	RADIUS
R.C.P.	REINFORCED CONCRETE PIPE
R.C.A.P.	REINFORCED CONCRETE ARCH PIPE
RD.	ROAD
REQ'D.	REQUIRED
RET. WALL	RETAINING WALL
R.O.W./ROW	RIGHT OF WAY
RR	RAILROAD
SD	STORM DRAIN
SHLDR.	SHOULDER
SS	SANITARY SEWER
STA.	STATION
STD.	STANDARD
S.Y.	SQUARE YARD
T	TANGENT LENGTH
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCHMARK
TEMP.	TEMPORARY
TOE	TOE OF SLOPE
TP	TOP OF BANK
TP	TOP OF PAVEMENT (ALL TYPES)
TRL.	TRIPLE
TS	TOP OF SIDEWALK
TYP.	TYPICAL
VERT.	VERTICAL

SYMBOLS

●	PROP. SS MH
⊕	PROP. SS CLEANOUT
⊞	PROP. CI (SINGLE)
⊞	PROP. CI (SINGLE EXT.)
⊞	PROP. CI (DBL. EXT.)
⊞	PROP. GRATE INLET
⊞	PROP. IB
⊞	PROP. FIRE HYDRANT ASSY.
⊞	PROP. GATE VALVE ASSY.
⊞	PROP. SPOT ELEV. TOP OF WALL
⊞	PROP. SPOT ELEV.
⊞	TEMP. BM
⊞	PROP. WATER METER ASSY.
⊞	PROP. BACKFLOW ASSY.
⊞	EX. POWER POLE
⊞	EX. SS MH
⊞	EX. SS LIFT STATION
⊞	EX. GATE VALVE ASSY.
⊞	EX. WATER METER ASSY.
⊞	SET IRON PIN
⊞	FOUND IRON PIN
⊞	BORE HOLE LOCATION
⊞	EX. CI
⊞	EX. CI (SINGLE EXT.)
⊞	EX. CI (DBL. EXT.)
⊞	EX. GRATE INLET
⊞	PROP. SS MH LABEL
⊞	PROP. SD STRUCTURE LABEL
⊞	EX. FIRE HYDRANT ASSY.
⊞	PROP. F.E.S.
⊞	EX. F.E.S.
⊞	PROP. WATTLE
⊞	F.E.S. INLET PROTECTION
⊞	PROP. CI PROTECTION ON SLOPE
⊞	PROP. CI PROTECTION IN SAG
⊞	PROP. CI PROTECTION

HATCHES

	FLOOD ZONE AE
	FLOOD ZONE X
	LIGHT DUTY ASPHALT
	HEAVY DUTY ASPHALT
	BLDG.
	CONC.
	RIP-RAP
	CONST. ROAD
	GRASS SEED REQ'D.

FOR CONSTRUCTION

LINETYPES

---	EX. ADJACENT PROPERTY LINE
---	EX. AT&T LINE
---	EX. BLDG. LINE
---	EX. E. ROAD
---	EX. COMCAST UNDERGROUND
---	EX. CONC.
---	EX. CULVERT
---	EX. CURB
---	EX. DITCH
---	EX. EASE.
---	EX. EDGE OF GRAVEL
---	EX. EP
---	EX. FENCE BARBED WIRE
---	EX. FENCE CYCLONE
---	EX. FENCE WROUGHT IRON
---	EX. FENCE WOOD
---	EX. LANDSCAPING
---	EX. GAS LINE
---	EX. GROUND CONTOUR LINE
---	EX. POWER (OVERHEAD)
---	EX. POWER (UNDERGROUND)
---	EX. RET. WALL
---	EX. R.O.W.
---	EX. RR TRACKS
---	EX. SIDEWALK
---	EX. SS
---	EX. STRIPING
---	EX. TOE SLOPE
---	EX. TREE LINE
---	EX. WATER'S EDGE
---	EX. WATER LINE
---	BASE FLOOD ELEVATION LINE & ELEV.
---	FLOODWAY LINE
---	FLOOD ZONE LINE
---	PROP. EP
---	PROP. CASING
---	PROP. CENTERLINE
---	PROP. CLEARING LIMITS
---	PROP. CURB
---	PROP. EASE
---	PROP. FENCE BARBED WIRE
---	PROP. FENCE CYCLONE
---	PROP. FENCE WOOD
---	PROP. FINISHED GRADE CONTOUR LINE
---	PROP. SHOULDER
---	PROP. GAS LINE
---	PROP. PHASE LINE
---	PROP. PROPERTY
---	PROP. RET. WALL
---	PROP. R.O.W.
---	PROP. SD CULVERT
---	PROP. SETBACKS
---	PROP. SIDEWALK
---	PROP. SILT FENCE
---	PROP. SS FM
---	PROP. SS LINE
---	PROP. SS SERVICE LINE
---	PROP. SWALE/RAIN PATH
---	PROP. WATER EDGE
---	PROP. WATER LINE
---	PROP. WATER SERVICE LINE

BENCHMARK

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E-mail: bmeng@benchmarkms.com

DATE: 05/03/19	DRAWN: BCB	REVISIONS:
CHECKED: GAB	SCALE: 1"=1'	
REF C/L:		
EC SURFACE:		
FS SURFACE:		

PROJECT LOCATION: BERRYMAN ROAD VICKSBURG, MISSISSIPPI	CLIENT: NEW VISION VENTURE 200 RIVERWIND EAST DR. SUITE 200 PEARL, MS 9208
--	--

PROJECT: HOME2SUITES - VICKSBURG, MS	SHEET CONTENTS: GENERAL CONSTRUCTION NOTES
SHEET NUMBER C101	
PROJECT NUMBER B-5657	



NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE BLUE. (CURB FACE OR PARKING BLOCKS SHALL BE PAINTED BLUE.)
2. PARKING BLOCKS REQUIRED WHERE NO CURB EXIST TO PROTECT SIGN.
3. ALL STRIPING AND SIGNAGE (HEIGHT, LOCATION, COLORS, ETC.) TO MEET ADA & CITY REQUIREMENTS.

TRAFFIC SIGN INSTALLATION



1. CONCRETE SHALL BE 4,000psi AT 28 DAYS
2. WHEEL STOPS SHALL BE 7' OR 8' IN LENGTH
3. WHEEL STOPS REQUIRED ON ALL PARKING SPACES ADJACENT TO PROPOSED CONCRETE PAVED DITCH.
4. ADDITIONAL DESIGNS WILL BE CONSIDERED BUT MUST BE SUBMITTED FOR APPROVAL PRIOR TO BIDDING.

PRECAST CONCRETE WHEEL STOP
N.T.S.



DUMPSTER PAD

NOTE: CONCRETE PAVING SHALL BE NON-REINFORCED PORTLAND CEMENT CONCRETE WITH A MINIMUM 28-DAY FLEXURAL STRENGTH OF 650 PSI AND A COMPRESSIVE STRENGTH OF 4,000 PSI. JOINT SPACING, JOINT CONFIGURATION, MIX DESIGN, MIX PLACEMENT, AND CURING SHOULD CONFORM TO THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE (ACI) AND THE PORTLAND CEMENT ASSOCIATION (PCA).

**TYPICAL SECTION OF RIGID PAVEMENT STRUCTURE
FOR PARKING LOT & DUMPSTER PAD**

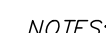


1. REQUIRED AT ALL LOCATIONS WHERE PROPOSED PAVEMENT TIES TO EXISTING PAVEMENT UNLESS OTHERWISE NOTED.
2. DRILL HOLE INTO EX. CONCRETE PAVEMENT TO LENGTH REQUIRED, USE CHEMICAL ADHESIVE TO BAR TO EXISTING CONCRETE
3. DOWEL BAR LOCATION TO MATCH TIE BAR SPACING WHERE APPLICABLE, MINIMUM SPACING OF 18".
4. 1/4" RADIUS NOT REQ'D. ON EXISTING CONCRETE IF NOT ALREADY THERE
5. SEE DETAILS FOR PAVEMENT THICKNESS.

PROPOSED CONCRETE PAVEMENT TO EXISTING
CONCRETE PAVEMENT DETAIL



CONTRACTION JOINT DETAIL
N.T.S.



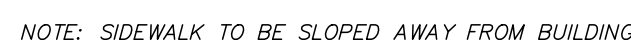
1. LONGITUDINAL JOINTS REQUIRED ON PAVEMENT THAT IS 24' OR WIDER AND IS TO BE CENTERED.
2. SEE DETAILS FOR MORE INFORMATION OF JOINT CONSTRUCTION AND DOWEL BARS.

TYPICAL JOINT SPACING FOR RIGID PAVEMENT
N.T.S.



1. KEY TYPE JOINT SHALL BE USED ON ALL LONGITUDINAL CONSTRUCTION JOINTS WHEN ADJACENT LANE IS NOT POURED AT THE SAME TIME
2. ALTERNATIVE METHODS FOR KEY TYPE JOINT SHALL BE PRESENTED TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

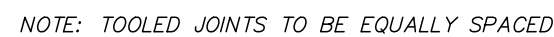
CONSTRUCTION JOINT DETAIL



SIDEWALK JOINT LAYOUT DETAIL
N.T.S.



SIDEWALK AT BACK OF BUILDING
N.T.S.



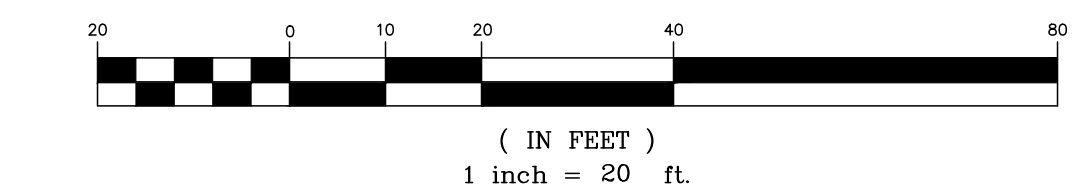
SIDEWALK FLUSH w/ ASPHALT PAVEMENT
N.T.S.



PAVED FLUME
N.T.S.



RETAINING WALL
N.T.S.



1. RADIAL DIMENSIONS ARE MEASURED FROM THE BACK OF CURB OR EDGE OF PAVEMENT IF NO CURB REQUIRED.
2. PARKING LOT DIMENSIONS ARE TO THE FACE OF CURB OR EDGE OF PAVEMENT IF NO CURB REQUIRED.
3. SEE ARCHITECTURAL PLANS FOR MORE DETAILS ON THE BUILDINGS.
4. PARKING SPACE STRIPING SHALL BE 4" MINIMUM WIDTH.
5. ALL STRIPING SHALL BE FAST DRYING SOLVENT BASED TRAFFIC PAINT FOR USE ON BITUMINOUS AND PORTLAND CEMENT CONCRETE PAVEMENT. PAINT SHALL MEET THE REQUIREMENTS OF SECTION 710 OF THE LATEST EDITION OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. PAINT SHALL BE APPLIED WITH MECHANICAL EQUIPMENT TO PRODUCE PAVEMENT MARKINGS OF DIMENSION AND COLORS INDICATED WITH UNIFORM STRAIGHT EDGES. APPLY AT MANUFACTURER'S RECOMMENDED RATES TO PROVIDE A MINIMUM WET FILM THICKNESS OF 15 MILS AND ONLY AT MANUFACTURER'S RECOMMENDED AMBIENT AND SURFACE TEMPERATURES.

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CHECKED: GAB SCALE: 1"=20'

SCALE: 1"=20'

GAB

CHECKED:

BERRYMAN ROAD

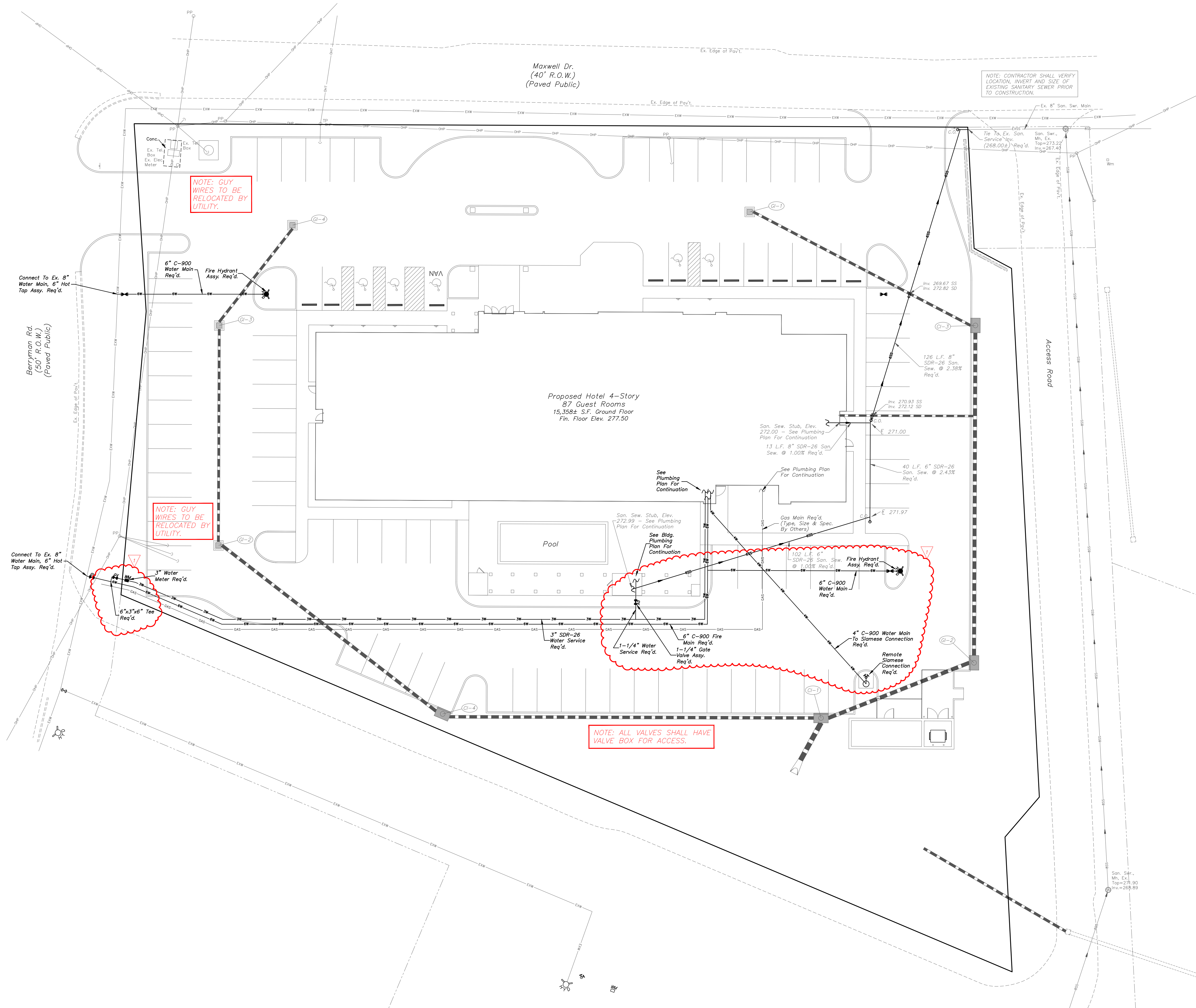
BERRYMAN ROAD

HOMESUITES - VICKSBURG, MS

HOMESITES -

SHEET NUMBER

C300

PROJECT NUMBER
B-5657

NOTES:

1. SEE CONSTRUCTION NOTES ON SHEET C101 & PROJECT SPECIFICATIONS FOR MORE INFORMATION.
2. EXISTING UTILITIES SHOWN SHALL BE CONSIDERED APPROXIMATE. ADDITIONAL UTILITY LINES THAT ARE NOT SHOWN ON THE DRAWING MAY LIE WITHIN THE PROJECT AREA. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL AT 811 FOR A UTILITY LOCATE PRIOR TO BEGINNING CONSTRUCTION.
3. CONTRACTOR TO VERIFY EXISTING LOCATION AND ELEVATION OF ALL UTILITY INFRASTRUCTURE REQUIRED FOR COMPLETION OF THIS PROJECT IN FULL PRIOR TO BEGINNING ANY ASPECT OF CONSTRUCTION. THIS INCLUDES ALL ONE- AND TWO-POLE UTILITIES AS REQUIRED. SHOULD ANY DISCREPANCIES BE FOUND, THEY SHALL BE IMMEDIATELY BROUGHT TO THE ENGINEER'S ATTENTION IN WRITING TO RECEIVE FURTHER INSTRUCTION.
4. CONTRACTOR SHALL COORDINATE ALL WORK DIRECTLY INVOLVING, CROSSING OR IN THE VICINITY OF AN EXISTING UTILITY LINE WITH UTILITY PROVIDER/OWNER.
5. WATER AND SANITARY SEWER LINES TO BE INSTALLED ACCORDING TO THE PROJECT DETAILS AND SPECIFICATIONS.
6. CLEANOUTS SHALL BE PLACED AS SHOWN OR AS REQUIRED BY PLUMBING CODE/DIRECTED BY ENGINEER.
7. CONTRACTOR TO COMPARE THE PROPOSED SIZE AND PROPOSED BUILDING TIE-IN LOCATION OF ALL WATER AND SANITARY SEWER LINES WITH THE BUILDING/PLUMBING PLANS PRIOR TO CONSTRUCTION.
8. TRACER WIRE REQUIRED ON ALL WATER LINES INCLUDING SERVICE LINES. ALL WIRE SHALL BE INSTALLED IN SUCH A MANNER AS TO BE ABLE TO PROPERLY TRACE ALL MAINS WITHOUT LOSS OR DETERIORATION OF SIGNAL OR WITH THE TRANSMITTED SIGNAL MIGRATING OFF THE TRACER WIRE. CONTRACTOR MAY USE TRACER WIRE ACCESS BOXES IF REQUIRED TO ACHIEVE SUCH.



GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

REVISION:
1. ADDED FIRE HYDRANT & REVISED WATER MAINS TO THE SAME

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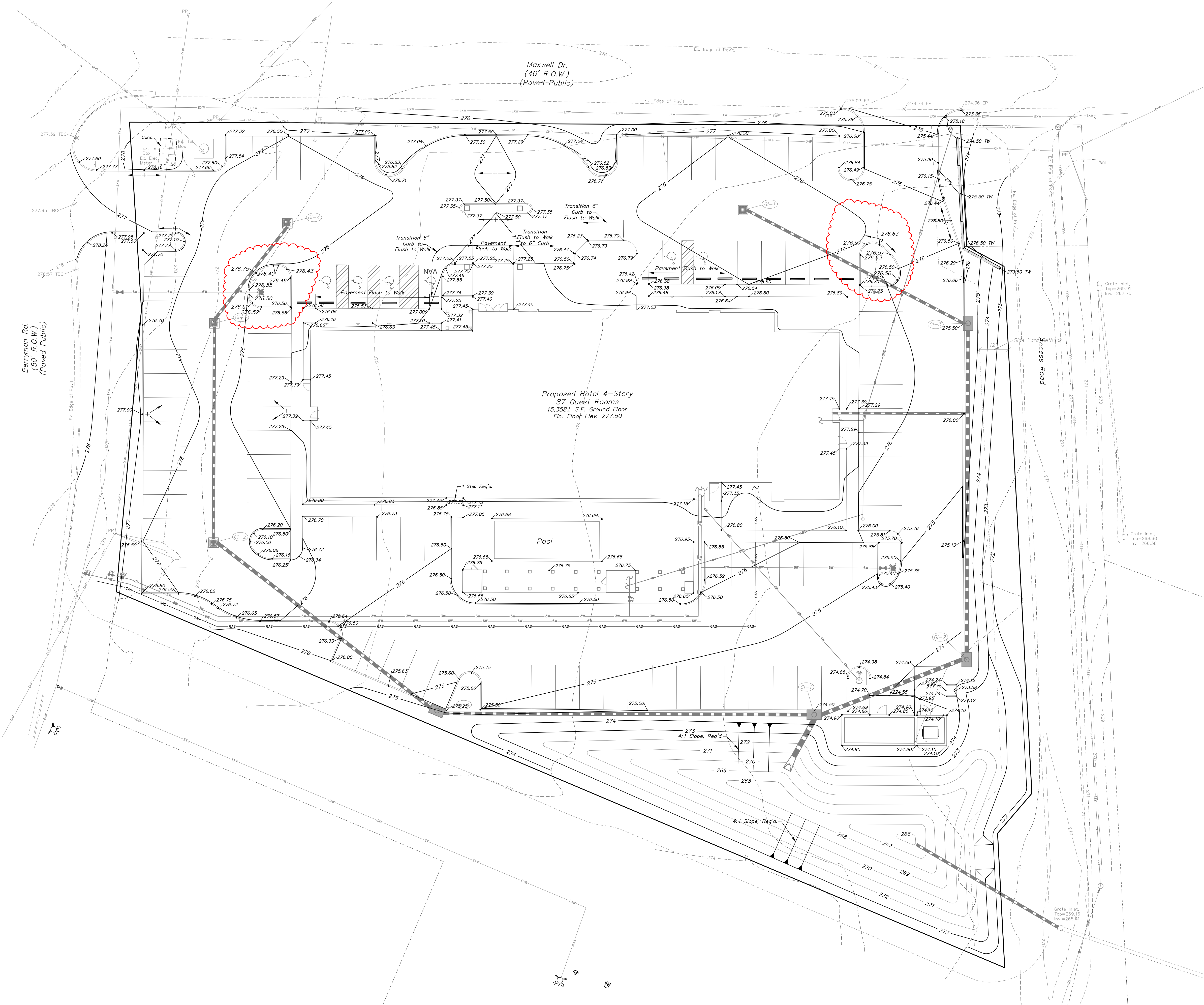
101 Highpoint Court, Suite B, Brandon, Mississippi 39042
Office: 601-981-1077 Fax: 601-981-9711
E-mail: ben@benchmark.ms

DATE: 07/31/19	DRAWN: BCB	REVISIONS:
CHECKED: GAB	SCALE: 1"=20'	
REF C/L:		
EG SURFACE:		
FG SURFACE:		

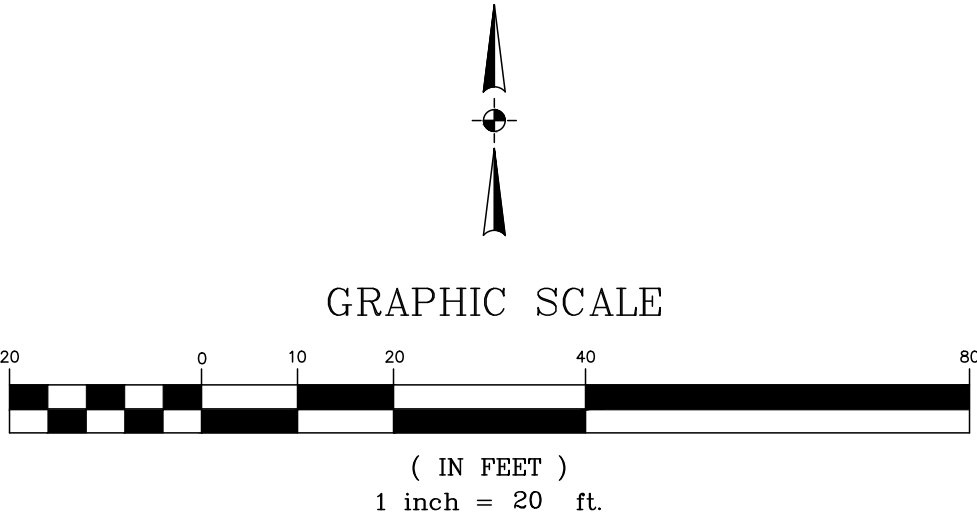
PROJECT LOCATION:	BERRYMAN ROAD VICKSBURG, MISSISSIPPI
CLIENT:	NEW VISION VENTURE 200 RIVERWIND EAST DR. SUITE 200 PEARL, MS 39208

PROJECT:	HOME2SUITES - VICKSBURG, MS
SHEET CONTENTS:	GRADING LAYOUT

SHEET NUMBER	C301
PROJECT NUMBER	B-5657

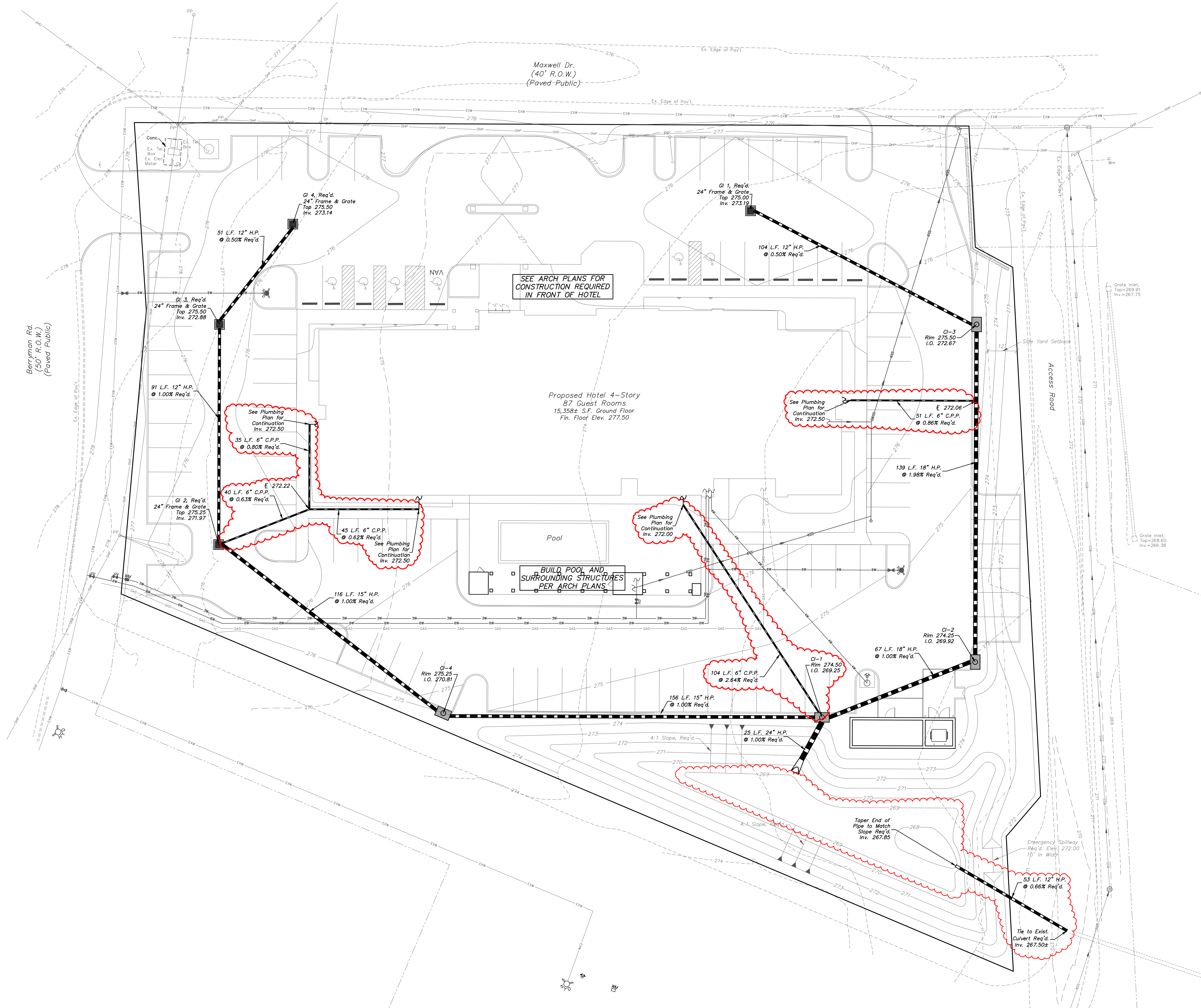


- NOTES:
- SEE NOTES ON SHEET C101 FOR MORE INFORMATION.
 - ALL EXISTING UTILITIES ARE SHOWN AS THEY WERE PROVIDED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL AT 601-362-4374 FOR A LOCATE PRIOR TO BEGINNING CONSTRUCTION TO VERIFY LOCATIONS.
 - SLOPES THAT ARE GREATER THAN 3:1 SHALL RECEIVE SOLID SOD UNLESS OTHERWISE NOTED.
 - NOT ALL UTILITY INFRASTRUCTURE REQUIRED OF THIS PROJECT IS SHOWN ON THIS SHEET FOR CLARITY PURPOSES. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE CONTRACT DRAWINGS AND ALL THAT IS REQUIRED OF THEM.
 - PRIOR TO ORDERING MATERIALS FOR THE PROJECT, THE CONTRACTOR SHALL POTHOLE EXISTING UTILITY LINES IN AREAS WHERE PROPOSED UTILITIES (WATER, SEWER, STORM DRAIN) OR DRAINAGE SWALES ARE PROPOSED TO CROSS AND NOTIFY ENGINEER IMMEDIATELY IF CONFLICT IS DISCOVERED.
 - ALL DISTURBED AREAS THAT ARE OUTSIDE THE PROJECT SCOPE/LIMITS SHALL BE REPAIRED TO AS GOOD AS THE ORIGINAL CONDITION OR BETTER AT THE CONTRACTOR'S EXPENSE. PICTURE DOCUMENTATION OF THESE AREAS SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO DISTURBING TO SERVE AS PROOF OF THE PRE-EXISTING CONDITION.
 - CONTRACTOR SHALL ABIDE BY RECOMMENDATIONS OF GEOTECHNICAL REPORT FOR ALL ASPECTS OF SITE PREPARATION. SHOULD THERE BE ANY CONFLICTS BETWEEN THE GEOTECHNICAL REPORT AND THE REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS THE GEOTECHNICAL REPORT SHALL GOVERN.
 - MAINTAIN SLOPE IN HANDICAPPED STALLS AT 2% MAXIMUM.
 - THIS PARCEL IS LOCATED IN FLOOD ZONE X (NOT SHADED) ACCORDING TO FLOOD INSURANCE RATE MAP NO. 28149C0304E, COMMUNITY PANEL NO. 280176C 0304 E, EFFECTIVE DATE: JUNE 16, 2013.



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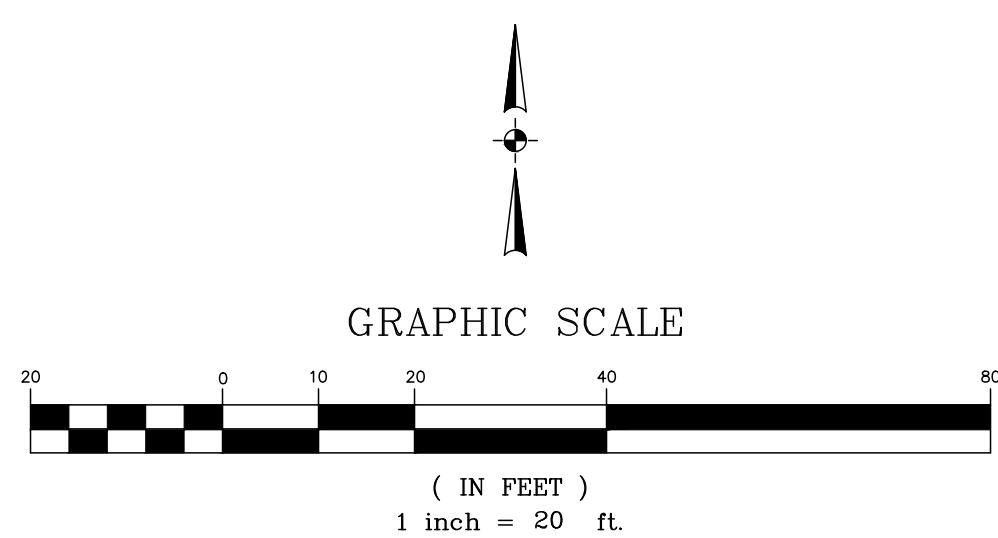
PROJE



<u>RETENTION BASIN STORAGE PROVIDED</u>			
<u>ELEV.</u>	<u>SURFACE AREA (S.G.)</u>	<u>INC. STORAGE (C.F.)</u>	<u>CUM. STORAGE (C.F.)</u>
267.85	5	0	0
268.00	261	15.1	15.1
269.00	1,977	985	1,000
270.00	3,259	2,591	3,592
271.00	4,834	4,020	7,612
272.00	6,632	5,705	13,316
273.00	9,048	7,803	21,120

<u>PRE & POST RUNOFF:</u>						
	<u>2-YR</u>	<u>5</u>	<u>10</u>	<u>25</u>	<u>50</u>	<u>100</u>
PRE	4.999	6.039	6.920	8.109	8.994	9.886
POST	4.228	4.570	4.839	5.192	5.371	5.546
PEAK ELEV.	270.15	270.42	270.65	270.98	271.15	271.33

- NOTES:
1. SEE NOTES ON SHEET C101 FOR MORE INFORMATION.
 2. ALL EXISTING UTILITIES ARE SHOWN AS THEY WERE PROVIDED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL 1-801-362-4374 FOR A LOCATE PRIOR TO BEGINNING CONSTRUCTION TO VERIFY LOCATIONS.
 3. NOT ALL UTILITY INFRASTRUCTURE REQUIRED OF THIS PROJECT IS SHOWN ON THIS SHEET FOR CLARITY PURPOSES. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE CONTRACT DRAWINGS AND ALL THAT IS REQUIRED OF THEM.
 4. PRIOR TO ORDERING MATERIALS FOR THE PROJECT, THE CONTRACTOR SHALL POTHOLOAST EXISTING UTILITY LINES IN AREAS WHERE PROPOSED UTILITIES (WATER, SEWER, STORM DRAIN) OR DRAINAGE SWALES ARE PROPOSED TO CROSS AND NOTIFY ENGINEER IMMEDIATELY IF CONFLICT IS DISCOVERED.
 5. INVERT ELEVATIONS SHOWN ON THE PLANS FOR THE STORM DRAIN STRUCTURES AND CULVERTS REPRESENT THE FLOW LINE, CONTRACTOR TO ACCOUNT FOR PIPE OR STRUCTURE THICKNESS WHEN INSTALLING.
 6. ALL SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR PROPOSED APPLICATION.
 7. ALL STORM DRAIN STRUCTURE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR PROPOSED APPLICATION.

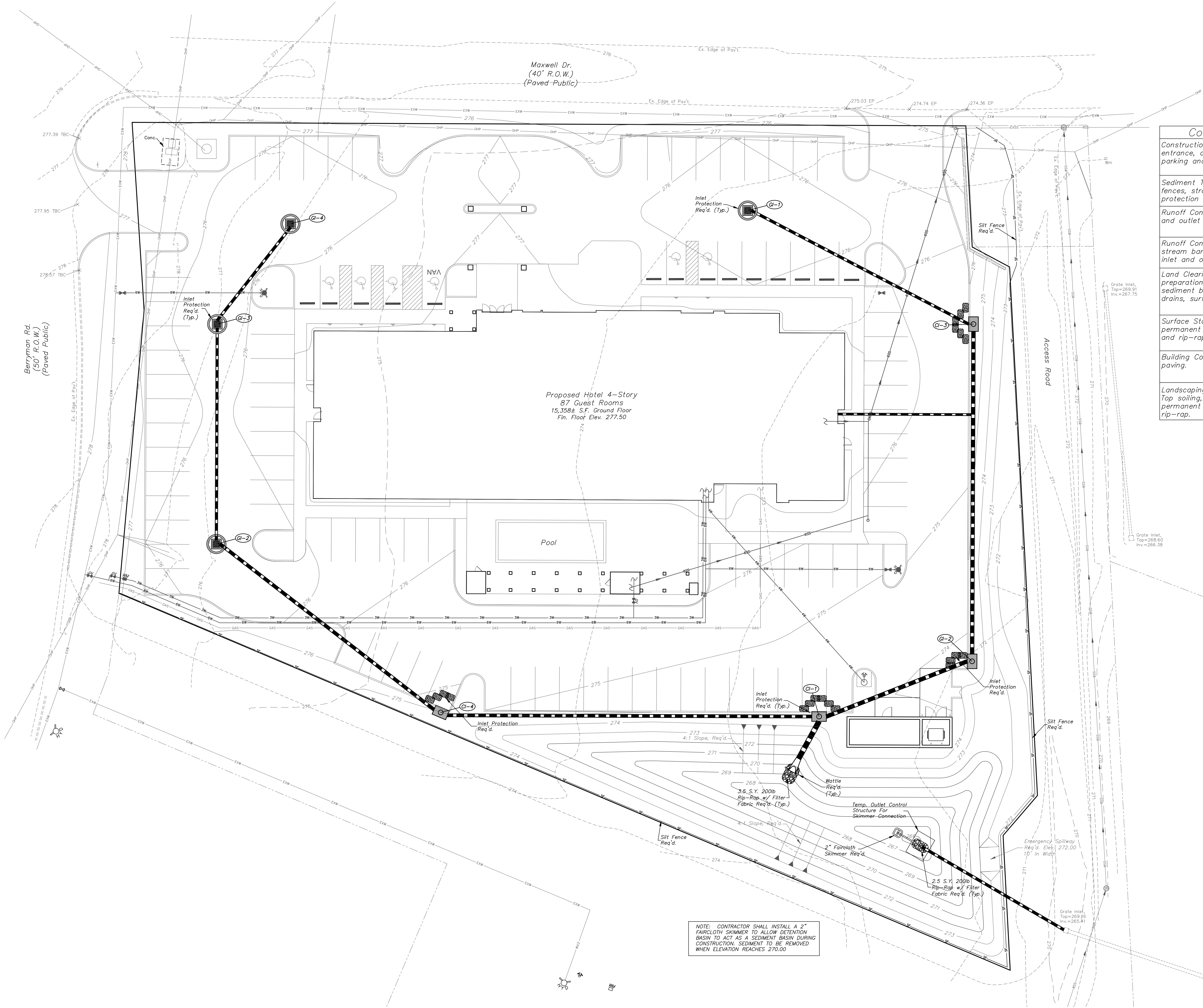


DATE: 07/31/19	CHECKED: GAB	REVISIONS:
DRAWN: BCB	SCALE: 1"=20'	
REF C/L:	EG SURFACE:	
FG SURFACE:		

PROJECT LOCATION:	BERRYMAN ROAD
	VICKSBURG, MISSISSIPPI
CLIENT:	NEW VISION VENTURE 200 RIVERWIND EAST DR.
	SUITE 200 PEARL, MS 39208

PROJECT:	HOME2SUITES - VICKSBURG, MS
SHEET CONTENTS:	EROSION CONTROL LAYOUT

SHEET NUMBER	C303
PROJECT NUMBER	B-5657



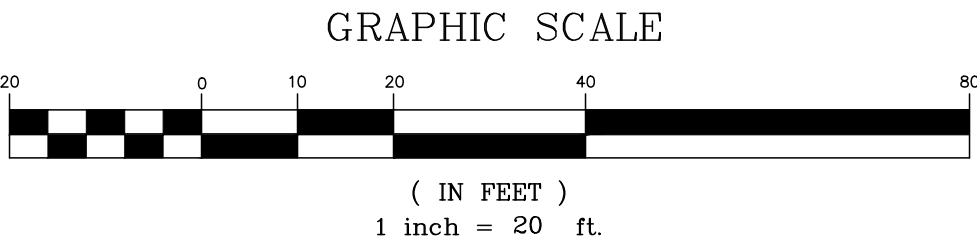
CONSTRUCTION SEQUENCE

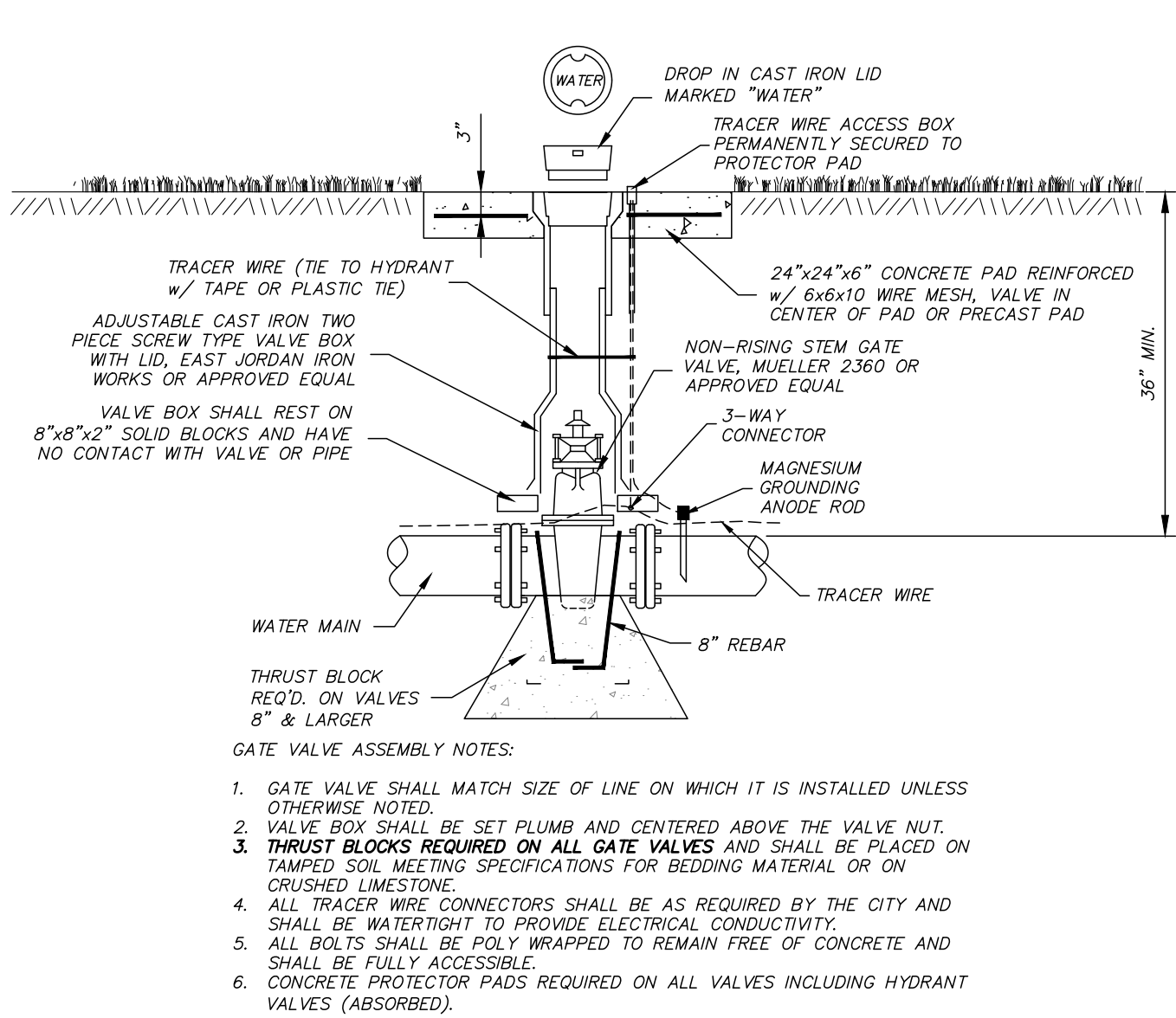
Construction Activity	Schedule Consideration
Construction Access: Construction entrance, construction routes, equipment parking and materials storage area.	First land-disturbing activity, stabilize bare areas immediately with gravel and temporary vegetation as construction takes place, construct equipment and materials staging area. Install temporary sanitary facilities & trash containers.
Sediment Traps and Barriers: Sediment fences, straw bale barriers, inlet protection & sediment basins	Install principal basins after construction site is accessed. Install additional traps and barriers as needed during grading.
Runoff Control: Diversions, water bars, and outlet protection.	Install key practices after principal sediment traps and before land grading. Install additional runoff-control measures during grading.
Runoff Conveyance System: Stabilize stream banks, storm drains, channels, inlet and outlet protection, slope drains.	Where necessary, stabilize stream banks as early as possible. Install principal runoff conveyance with runoff control measures. Install remainder of system after grading.
Land Clearing and Grading: Site preparation, cutting, filling and grading, sediment basins, barriers, diversions, drains, surface roughening.	Begin major clearing and grading after principal sediment and key runoff control measures are installed. Clear borrow and disposal areas only as needed. Install additional control measures as grading progressed. Don't allow equipment or personnel within drip line of marked trees.
Surface Stabilization: Temporary and permanent seeding, mulching, sodding, and rip-rap.	Apply temporary or permanent stabilization measures immediately on all disturbed areas where work is delayed or complete.
Building Construction: Buildings, utilities, paving.	Install necessary erosion and sedimentation control practices as work takes place. Install a sealable materials storage container in staging area, construct a temporary concrete washout area.
Landscaping and Final Stabilization: Top soiling, trees and shrubs, permanent seeding, mulching, sodding, rip-rap.	Last construction phase - remove temporary concrete washout area, stabilize all open areas, including borrow and spoil areas. Remove and stabilize all temporary control measures.

EROSION CONTROL NOTES:

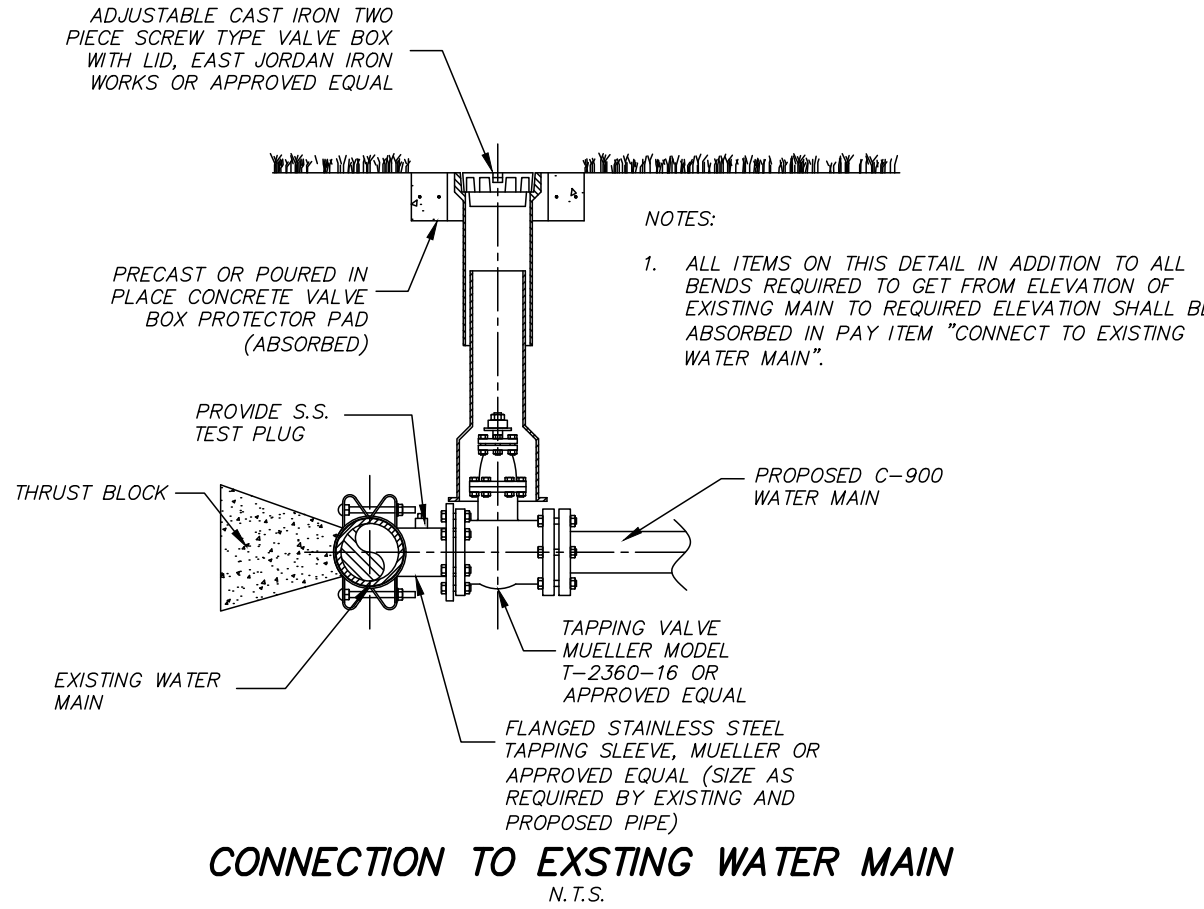
- SEE NOTES ON SHEET C101 FOR MORE INFORMATION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FILL OUT A LARGE CONSTRUCTION NOTICE OF INTENT (LNOI). A COPY OF THE LNOI MUST BE KEPT READILY AVAILABLE AT THE JOB SITE. ALL REQUIREMENTS OF THE LNOI ARE THE CONTRACTOR'S RESPONSIBILITY INCLUDING BUT NOT LIMITED TO ALL REQUIRED INSPECTIONS, WEEKLY REPORTS AND MAINTENANCE OF THE SITE.
- EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IMPLEMENTED PRIOR TO STARTING ANY CONSTRUCTION ACTIVITIES THAT DISTURB EXISTING GROUND.
- CONTRACTOR IS TO EVALUATE ALL STORM WATER MANAGEMENT CONTROLS A MINIMUM OF ONCE PER WEEK AND AFTER RAINFALL EVENTS TO DETERMINE EFFECTIVENESS OF THE EROSION AND SILTATION CONTROL MEASURES. ADDITIONAL MEASURES TO BE INSTALLED AS NEEDED TO CONTROL SEDIMENT (ABSORBED). INSPECTION REPORTS TO BE FILLED OUT ONCE PER WEEK NOTING ALL ACTIONS (IF ANY) REQUIRED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN AND REPAIR ALL TEMPORARY EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION. NO SEPARATE PAYMENT SHALL BE MADE FOR MAINTENANCE OR REPLACEMENT OF ANY TEMPORARY EROSION CONTROL MEASURES.
- TEMPORARY EROSION CONTROL MEASURES DEPICTED ON THIS DRAWING ARE MINIMUM REQUIREMENTS TO BE UTILIZED IN DEVELOPMENT OF THE SITE-SPECIFIC STORMWATER POLLUTION PREVENTION PLAN AND ARE NOT MEANT TO ADDRESS ALL OF THE REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT.
- IT IS THE INTENT OF THE SPECIFICATIONS THAT THE WORK SHALL PROCEED IN A MANNER AND SEQUENCE TO ENSURE THAT ESTABLISHMENT OF PERMANENT EROSION CONTROL ITEMS ARE ACCOMPLISHED IMMEDIATELY AFTER FINISH GRADING.
- EFFECTIVE USE OF TEMPORARY MEASURES, INCLUDING TEMPORARY SEEDING, SHALL BE MADE SO AS TO PREVENT OR MINIMIZE EROSION AND SILTATION UNTIL PERMANENT MEASURES ARE ESTABLISHED.
- CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL @ 601-362-4374 AT LEAST 48 HOURS BEFORE IMPROVEMENTS ARE MADE.
- CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS AND PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE, AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES TO CONTROL SILTATION.
- SEE THE EROSION CONTROL DETAIL SHEET FOR MORE DETAIL ON THE INSTALLATION OF THE REQUIRED EROSION CONTROL MEASURES.
- ONCE THE PERMANENT EROSION CONTROL MEASURES ARE IN PLACE A FINAL SITE INSPECTION IS TO BE COORDINATED BY THE CONTRACTOR WITH THE ENGINEER AND THE OWNER. ONCE SITE MEETS ALL PARTIES SPECIFICATIONS THE CONTRACTOR WITH BE RELIEVED OF THE RESPONSIBILITIES OF THIS CONTRACT.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE EROSION CONTROL MEASURES SHOULD, TO THE EXTENT PRACTICABLE:
 - DIVERT UP-SLOPE WATER AROUND DISTURBED AREAS OF THE SITE
 - LIMIT THE EXPOSURE OF DISTURBED AREAS TO THE SHORTEST AMOUNT OF TIME POSSIBLE
 - MINIMIZE THE AMOUNT OF SURFACE AREA THAT MUST BE DISTURBED
 - IMPLEMENT BEST MANAGEMENT PRACTICES TO MITIGATE ADVERSE IMPACTS FROM STORM WATER RUNOFF
 - REMOVE SEDIMENT THAT WOULD CONTRIBUTE TO OR CAUSE ADVERSE IMPACTS TO STATE WATERS FROM STORM WATER BEFORE IT LEAVES THE SITE

NOTE: CONTRACTOR SHALL INSTALL A 2" FAIRCLOTH SKIMMER TO ALLOW DETENTION BASIN TO ACT AS A SEDIMENT BASIN DURING CONSTRUCTION. SEDIMENT TO BE REMOVED WHEN ELEVATION REACHES 270.00

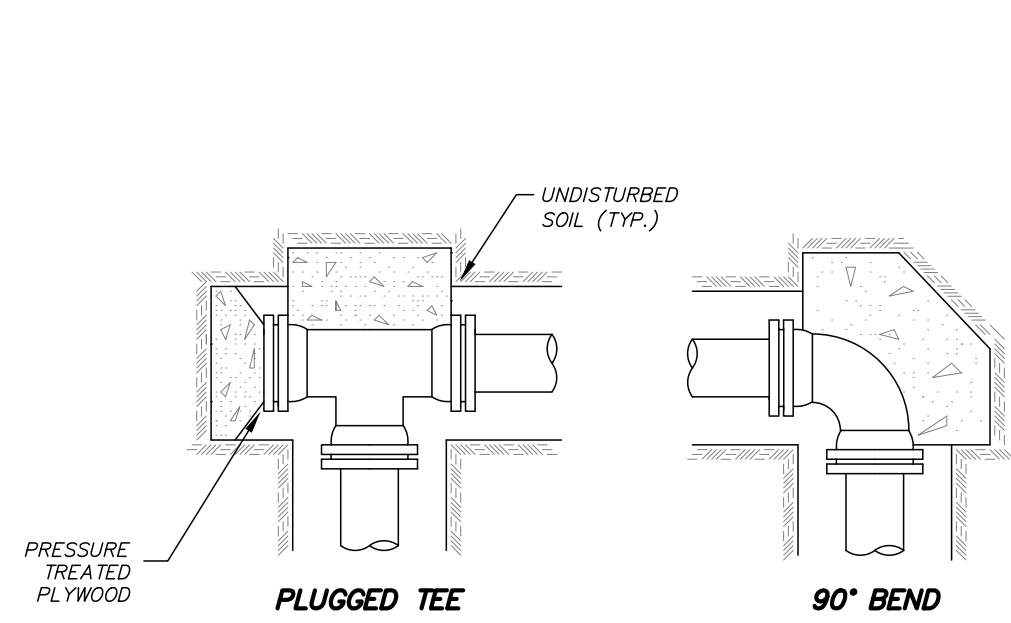
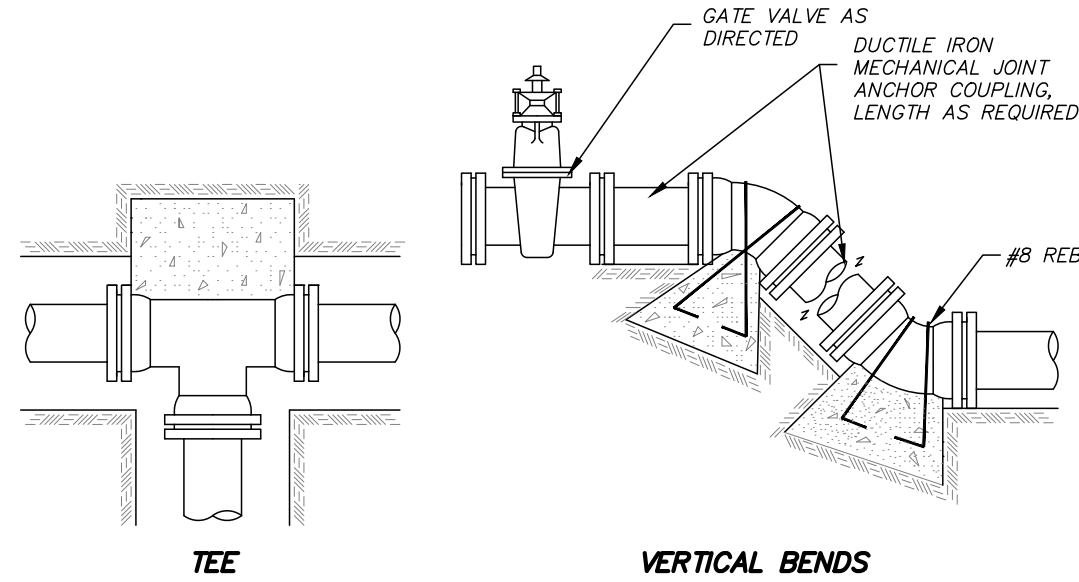




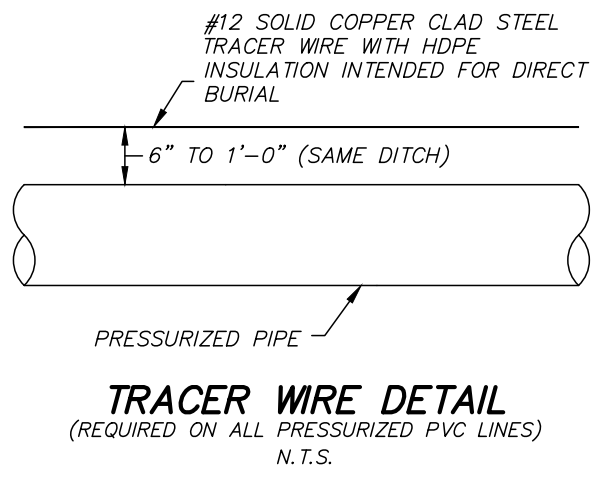
GATE VALVE ASSEMBLY
N.T.S.



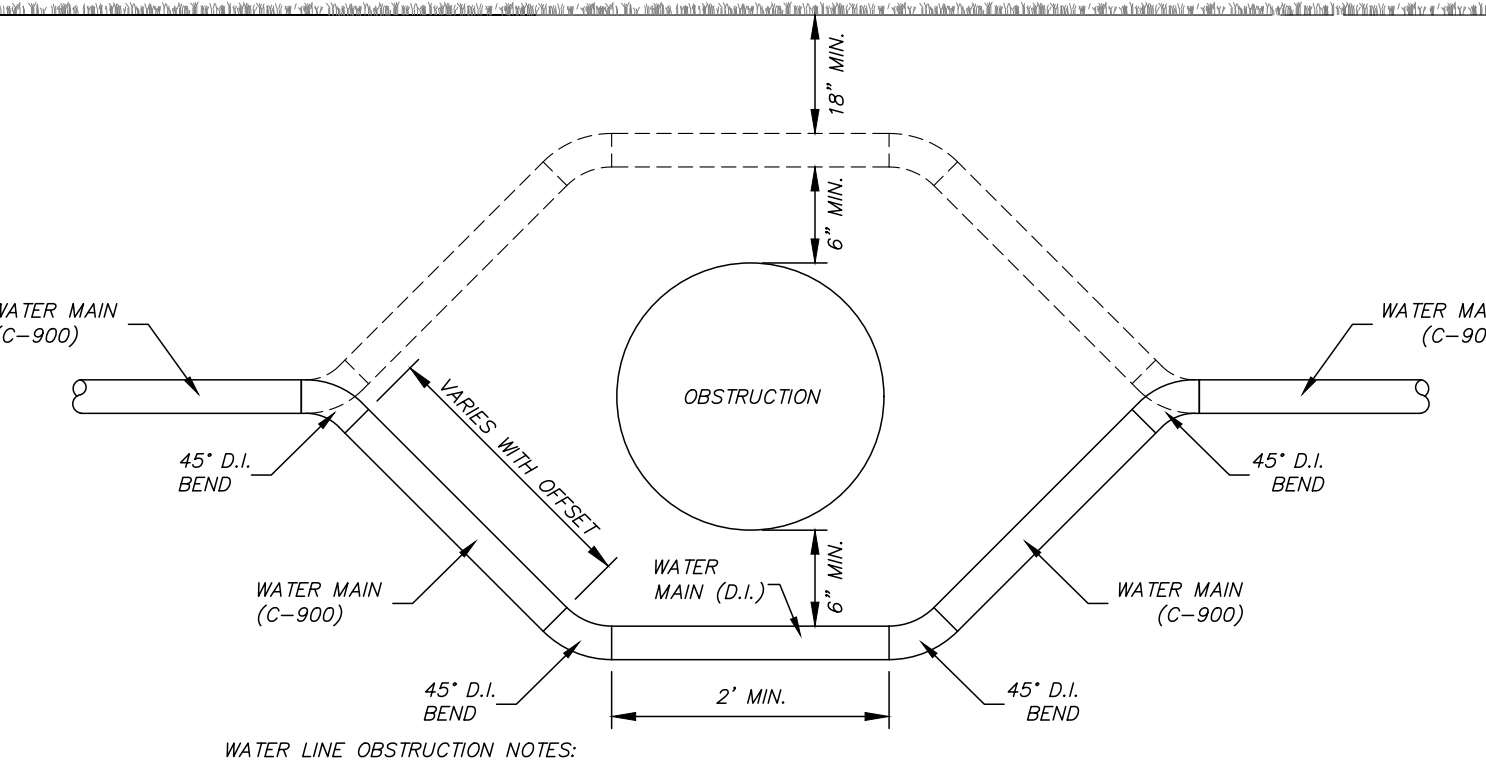
CONNECTION TO EXISTING WATER MAIN
N.T.S.



TYPICAL THRUST BLOCK
N.T.S.

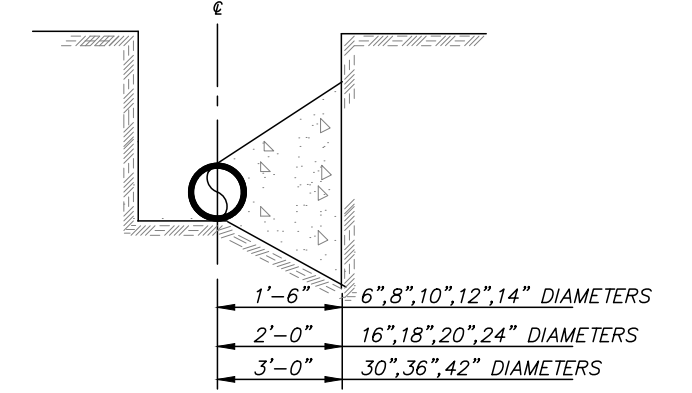


- TRACER WIRE NOTE:
1. TRACER WIRE SHALL BE ABSORBED IN THE PER FOOT COST OF THE PRESSURIZED LINE.
 2. TRACER WIRE COLOR SHALL BE BLUE FOR WATER CONSTRUCTION AND GREEN FOR WASTEWATER CONSTRUCTION.
 3. ALL TRACER WIRE SHALL BE INSTALLED AS A COMPLETE SYSTEM, COMPLETE WITH CONNECTORS, MAGNESIUM ANODE GROUND RODS, AND TERMINAL STATIONS AT EACH FIRE HYDRANT, WATER VALVE, AND TERMINATION LOCATIONS.
 4. TRACER WIRE SHALL BE COPPERHEAD 1230-HS OR APPROVED EQUAL BY CITY.
 5. ALL ACCESSORIES SHALL BE COPPERHEAD OR APPROVED EQUAL BY CITY.
 6. TRACER WIRE WILL BE TESTED BY CITY AND ALL AREAS NOT ABLE TO BE LOCATED USING TYPICAL LOW FREQUENCY LINE TRACING EQUIPMENT SHALL BE REPAIRED BY CONTRACTOR PRIOR TO ACCEPTANCE.



TYPICAL WATER LINE OBSTRUCTION DETAIL

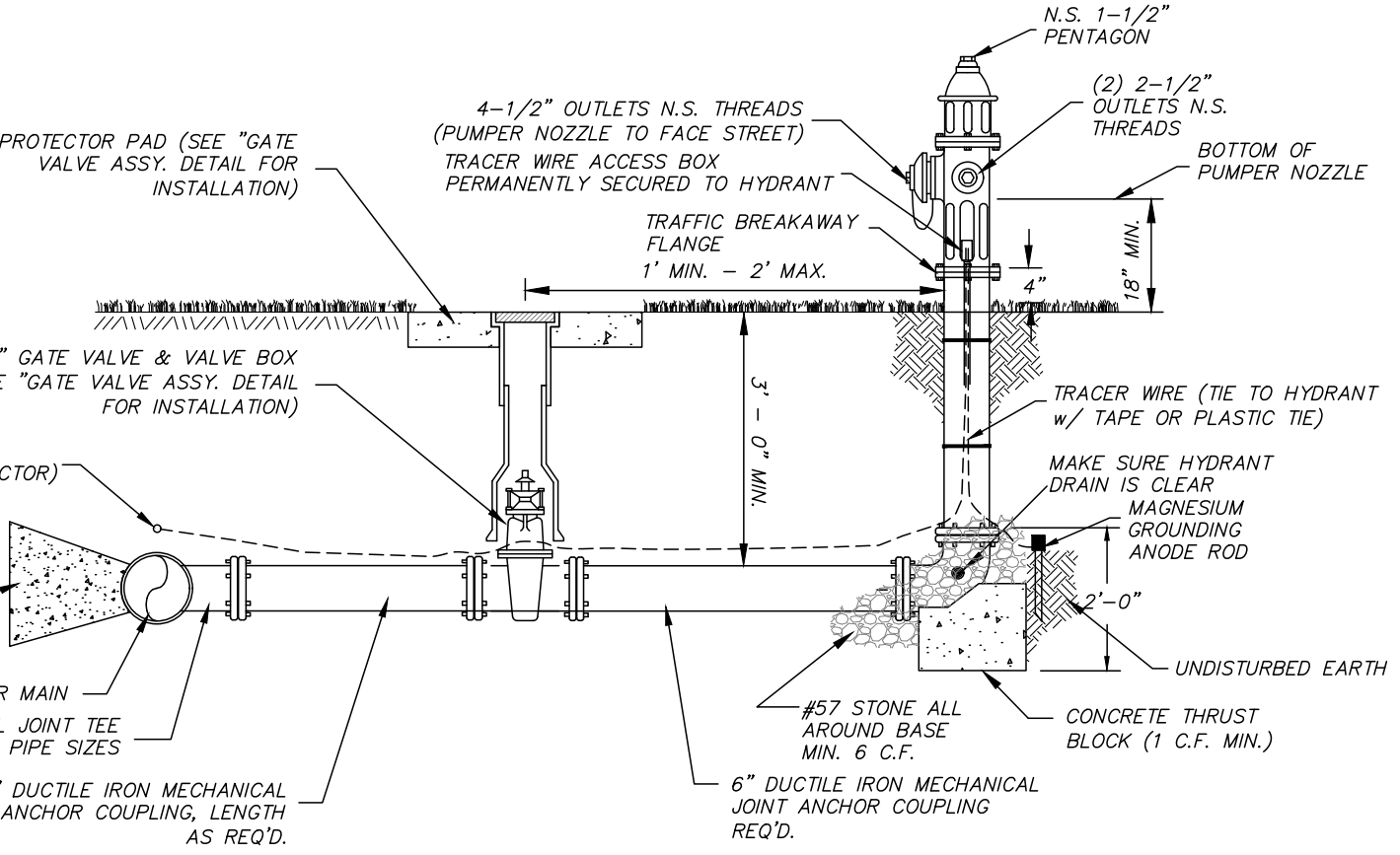
- WATER LINE OBSTRUCTION NOTES:
1. CONTRACTOR TO FOLLOW CLEARANCE REQUIREMENTS IN THE SPECIFICATIONS FOR WATER, STORM DRAIN AND SANITARY SEWER LINE CROSSINGS. WHEN THE WATER LINE MUST CROSS UNDER THE OBSTRUCTION THE PIPE SHALL BE DUCTILE IRON, CASED WITH STEEL CASING, OR FULLY ENCASED WITH CONCRETE.
 2. WATER LINE TO PASS OVER OBSTRUCTION IF CLEARANCE REQUIREMENTS CAN BE MET.
 3. CONTRACTOR TO FOLLOW REQUIREMENTS IN THE SPECIFICATIONS FOR THE PIPE FITTINGS REQUIRED TO DODGE OBSTRUCTION.
 4. SAME SPECIFICATIONS APPLY FOR SANITARY SEWER FORCE MAIN OBSTRUCTIONS.
 5. WORK & MATERIALS REQUIRED FOR WATER LINE OBSTRUCTION SHALL BE AN ABSORBED COST.



BEARING AREA IN SQ. FT.						
NORMAL PIPE DIAMETER (IN.)	DEAD END, TEE, PLUG	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND	
4" OR LESS	2	2	2	1	1	
6	3	4	3	2	2	
8	5	7	4	2	2	
10	8	12	6	3	3	
12	12	16	9	5	3	
14	14	18	11	6	4	
16	16	20	12	7	6	

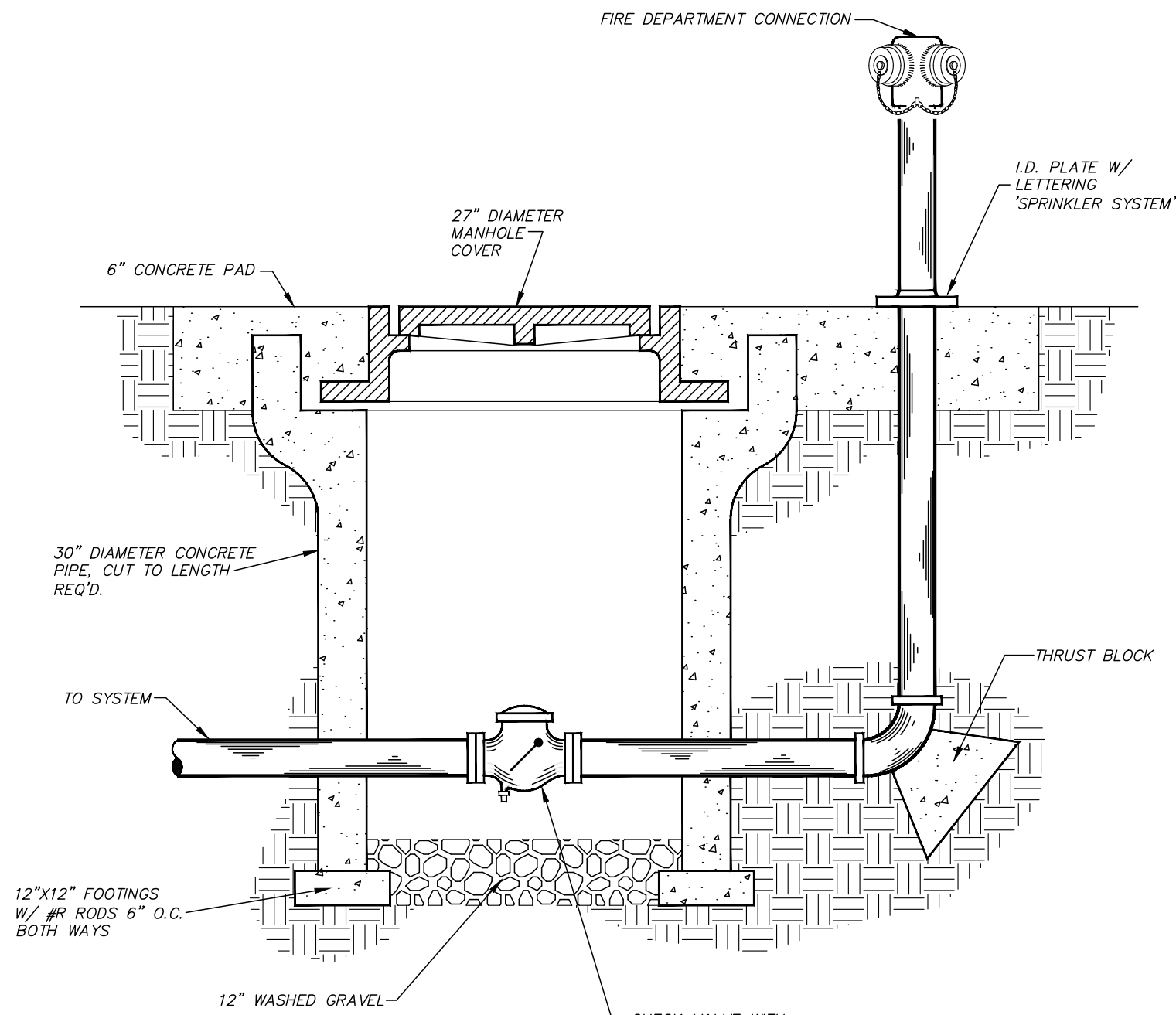
VERTICAL BENDS						
4" OR LESS	-	-	16.0(22)	14.0(15)	4.0(15)	
6	-	-	14.0(22)	6.0(22)	4.0(15)	
8	-	-	27.0(1.0)	9.0(33)	6.0(22)	
10	-	-	46.0(2.0)	16.0(67)	7.5(30)	
12	-	-	68.0(2.5)	22.0(80)	9.0(33)	
14	-	-	80.0(3.0)	40.0(1.5)	14.0(22)	
16	-	-	100.0(3.5)	52.0(1.8)	18.0(67)	

VOLUME OF BLOCKS INCLUDING SOIL LOAD ON FT. (CU. YDS.)



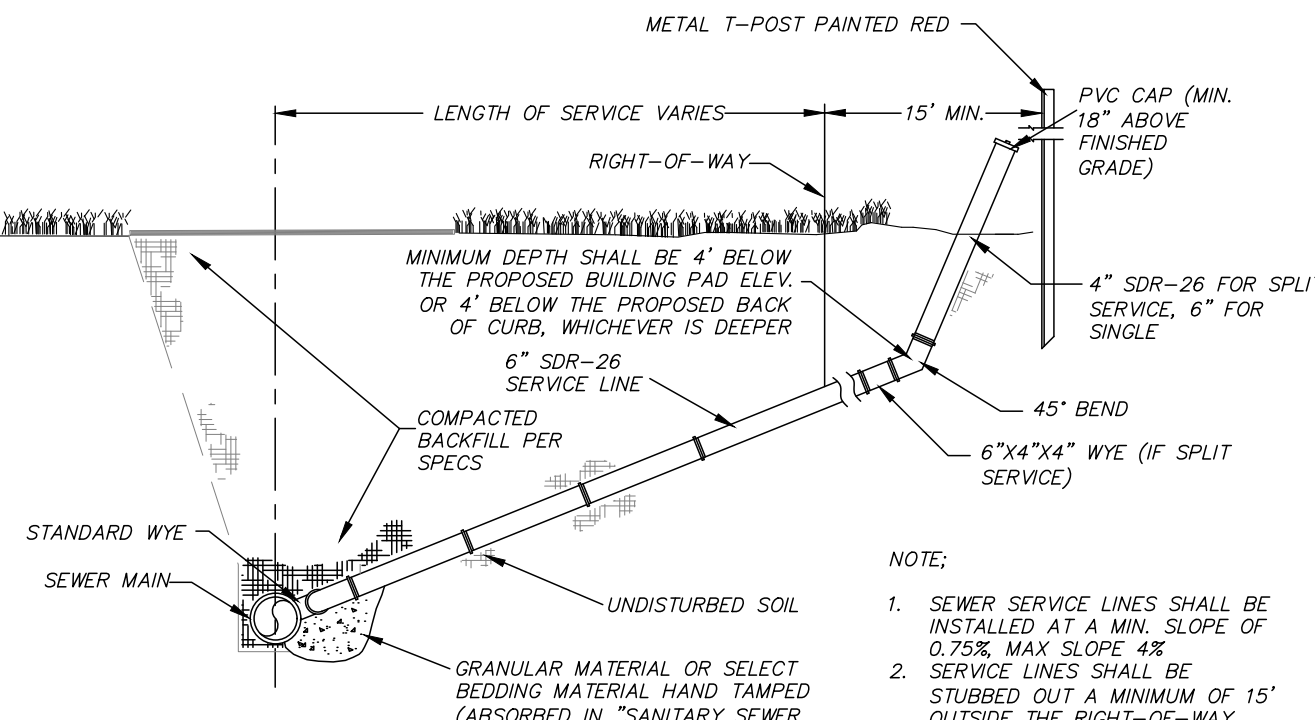
FIRE HYDRANT ASSEMBLY
N.T.S.

- FIRE HYDRANT ASSEMBLY NOTES:
1. FIRE HYDRANTS SHALL BE PAINTED WHITE.
 2. ALL FIRE HYDRANT ASSEMBLIES TO INCLUDE GATE VALVES.
 3. CONTRACTOR TO USE MEGA-LUGS ON ALL RESTRAINED JOINTS.
 4. FIRE HYDRANT TO MATCH EXISTING (IF ANY) OR BE MUELLER A-423, OR APPROVED EQUAL (MUST BE APPROVED BY CITY OF VICKSBURG).
 5. SEE GATE VALVE ASSEMBLY DETAIL FOR MORE INFORMATION ON INSTALLATION.
 6. ALL TRACER WIRE CONNECTORS SHALL BE AS REQUIRED BY THE CITY AND SHALL BE WATER TIGHT TO PROVIDE ELECTRICAL CONDUCTIVITY.
 7. ALL ITEMS SHOWN ON THIS DETAIL (INCLUDING VALVE) ARE ABSORBED IN FIRE HYDRANT ASSEMBLY ITEM.

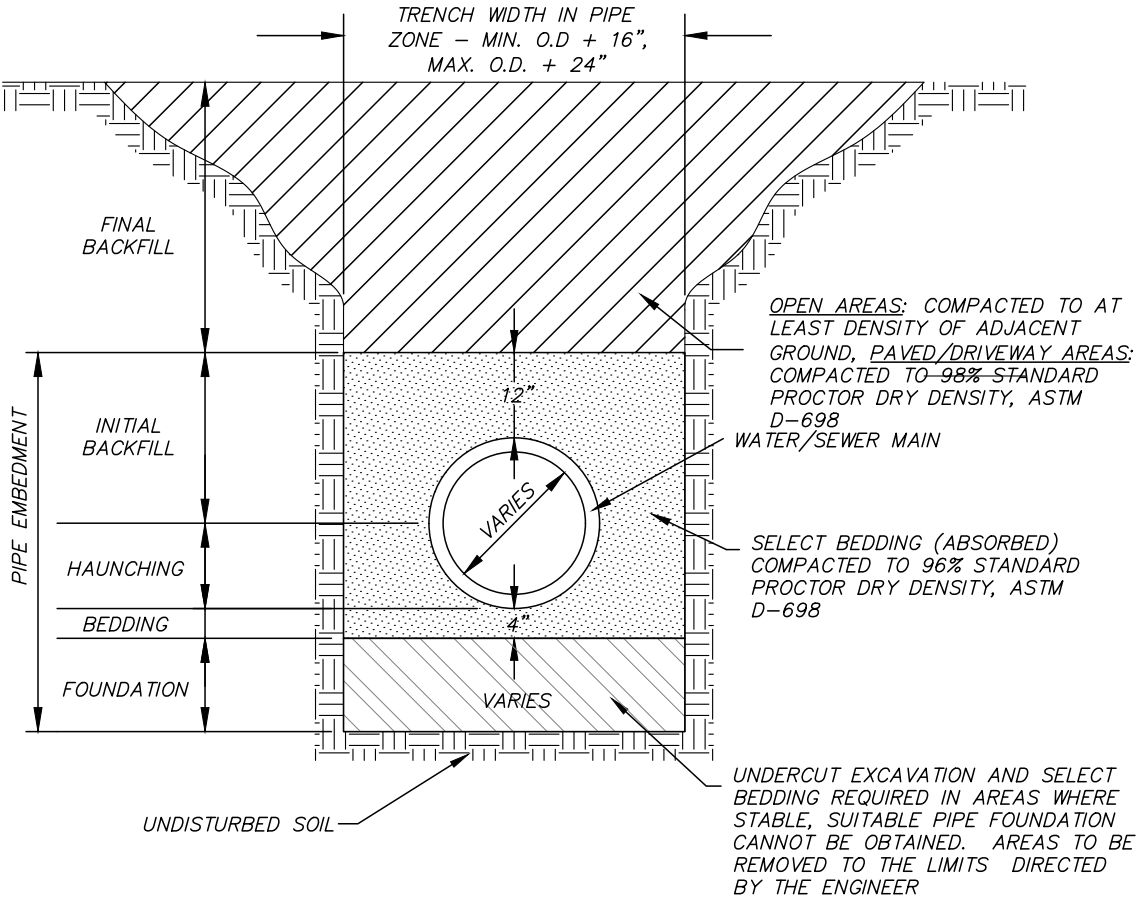


REMOTE SIAMESE CONNECTION
N.T.S.

NOTE: CONCRETE PROTECTOR PAD IN PAVED AREAS SHALL BE 12"x12"x6" WITH 6x6x10 WELDED WIRE FABRIC AND THE CLEANOUT CENTERED IN PAD.

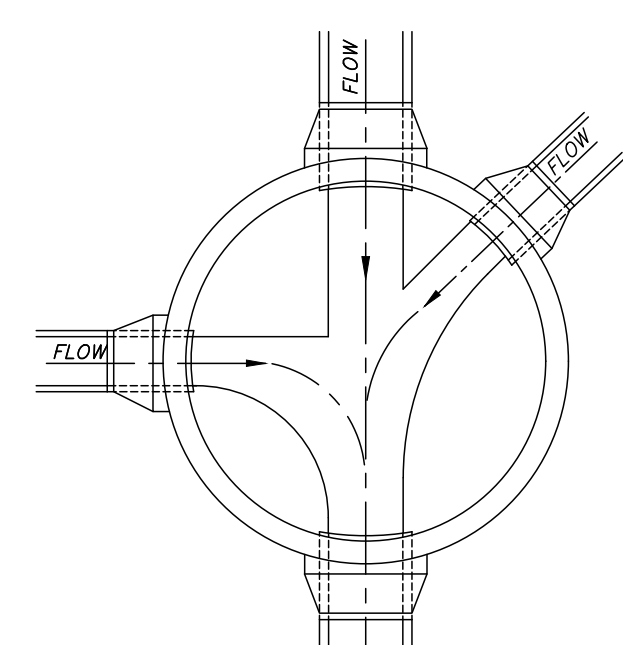


SANITARY SEWER SERVICE ASSEMBLY - SINGLE OR SPLIT
N.T.S.



- TYPICAL TRENCH NOTES:
1. UNDERCUT EXCAVATION MAY BE REQUIRED IF MATERIAL AT PLANNED GRADE WILL NOT PROVIDE STABLE TRENCH BOTTOM FOR PIPE LAYING.
 2. THE MINIMUM REQUIRED BEDDING MATERIAL SHALL BE A SAND/GRAVEL MIX.
 3. FINAL BACKFILL SHALL BE NATIVE MATERIAL IN OPEN AREAS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 4. FINAL BACKFILL SHALL BE SELECT MATERIAL IN ALL TRENCHES CONSTRUCTED UNDER ROADWAYS, CURBED OR PAVED AREAS. MATERIAL SHALL EXTEND 5' BEYOND THE EDGE OF PAVING STRUCTURE(S).
 5. TRENCH SETTLEMENT REPAIR IS THE CONTRACTOR'S RESPONSIBILITY DURING WARRANTY PERIOD.
 6. BEDDING, HAUNCHING AND INITIAL BACKFILL SHALL BE SELECT BEDDING MATERIAL AND SHALL BE ABSORBED IN THE PER FOOT COST OF THE PIPE.
 7. CONTRACTOR SHALL PROVIDE TEST RESULTS THAT SHOW NATIVE MATERIAL PROPOSED TO BE USED AS SELECT BEDDING MEETS THE SPECIFICATIONS FOR SELECT BEDDING MATERIAL.
 8. FOUNDATION SELECT BEDDING AND UNDERCUT EXCAVATION WILL BE PLACED AS DIRECTED BY THE ENGINEER AND PAID FOR BY THE CUBIC YARD AS NOTED ON THE BID SCHEDULE. CONTRACTOR SHALL NOT REMOVE UNSUITABLE MATERIAL WITHOUT ENGINEER'S APPROVAL.

TYPICAL TRENCH DETAIL FOR SANITARY SEWER & WATER SYSTEM MAIN LINES AND SERVICE LINES
N.T.S.



FLOW CHANNEL & PIPE CONNECTION DETAIL
N.T.S.

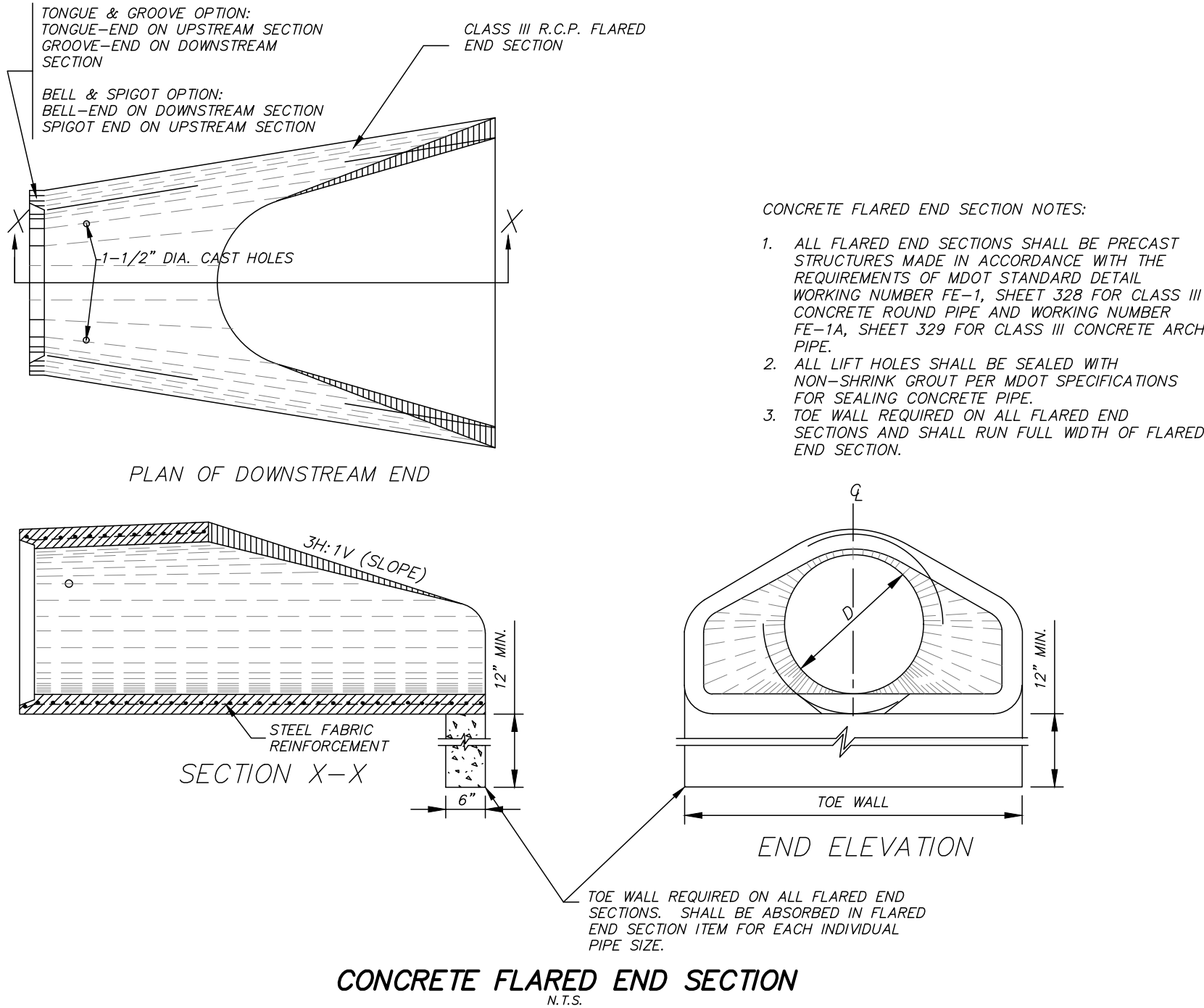
BENCHMARK
ENGINEERING & SURVEYING, LLC
101 Highpointe Court, Suite B, Brandon, Mississippi 39042
Office: 601-591-1077 Fax: 601-591-0711
E-mail: bmark@benchmarkms.com

DATE: 05/03/19 DRAWN: BCB
CHECKED: GAB SCALE: 1"=1'
REF C/L: EC SURFACE: FG SURFACE:

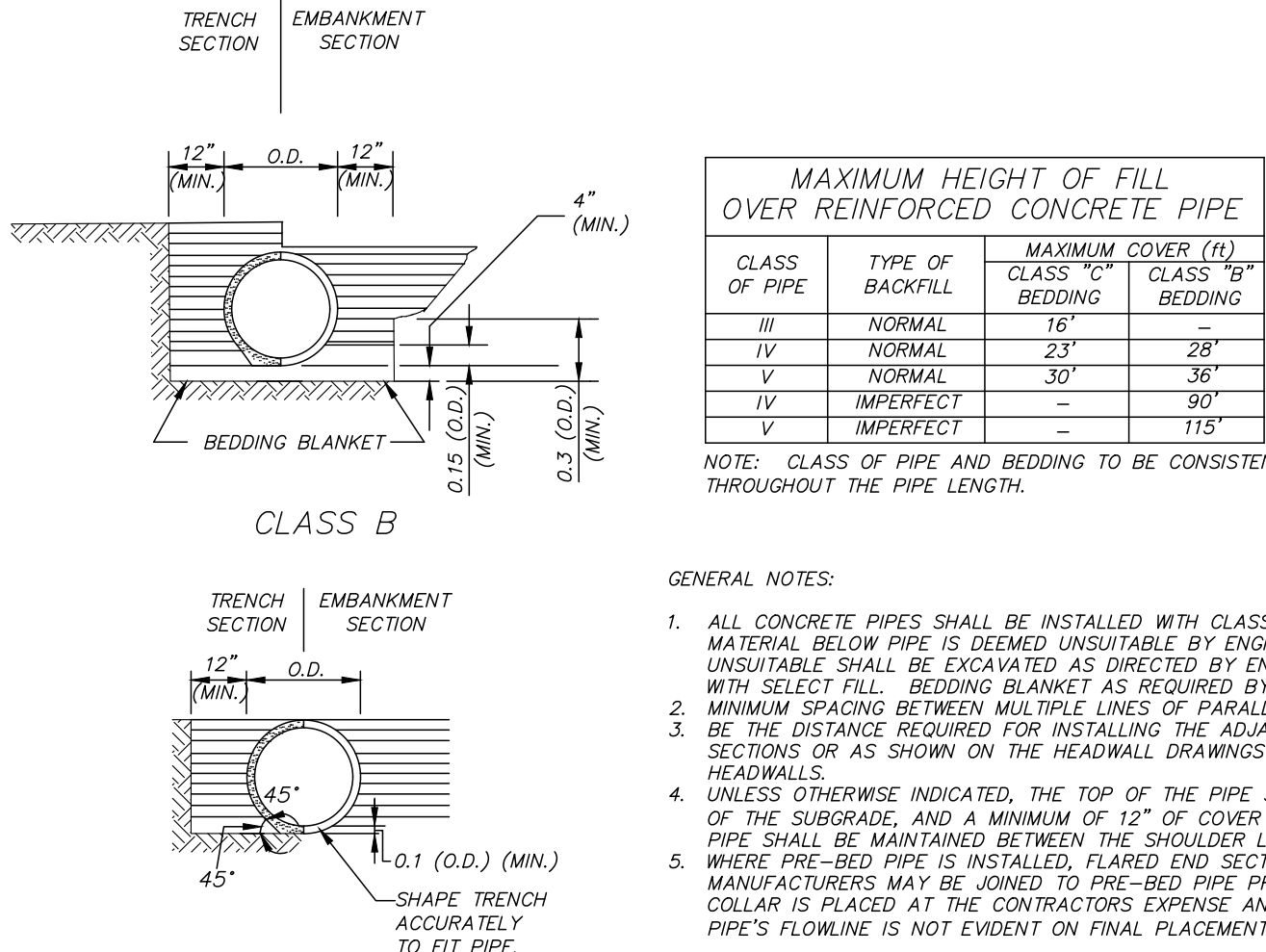
PROJECT LOCATION: BERRYMAN ROAD VICKSBURG, MISSISSIPPI
CLIENT: NEW VISION VENTURE 200 RIVERWIND EAST DR. SUITE 200 PEARL, MS 39208

PROJECT: HOME2SUITES - VICKSBURG, MS
SHEET CONTENTS: WATER & SANITARY SEWER SYSTEM DETAILS

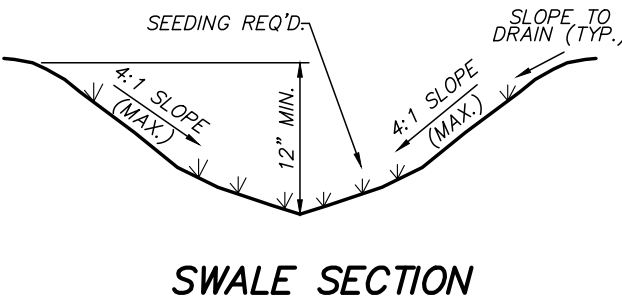
SHEET NUMBER: C400
PROJECT NUMBER: B-5657



CONCRETE FLARED END SECTION
N.T.S.



CONCRETE PIPE INSTALLATION
N.T.S.



BENCHMARK
ENGINEERING & SURVEYING, LLC

101 Highpointe Court, Suite B, Brandon, Mississippi 39042
Office: 601-591-1077 Fax: 601-591-0711
E-mail: Bob@benchmark.ms

DATE: 05/03/19	DRAWN: BCB	REVISIONS:
CHECKED: GAB	SCALE: 1"=1'	
REF C/L:		
EG SURFACE:		
FG SURFACE:		

PROJECT LOCATION: BERRYMAN ROAD VICKSBURG, MISSISSIPPI	CLIENT: NEW VISION VENTURE 200 RIVERWIND EAST DR. SUITE 200 PEARL, MS 39208
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PROJECT: HOME2SUITES - VICKSBURG, MS	SHEET CONTENTS: STORM DRAIN DETAILS
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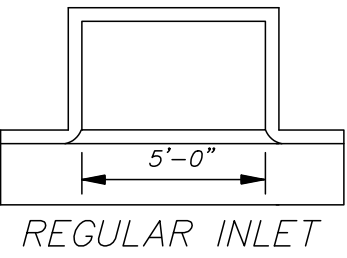
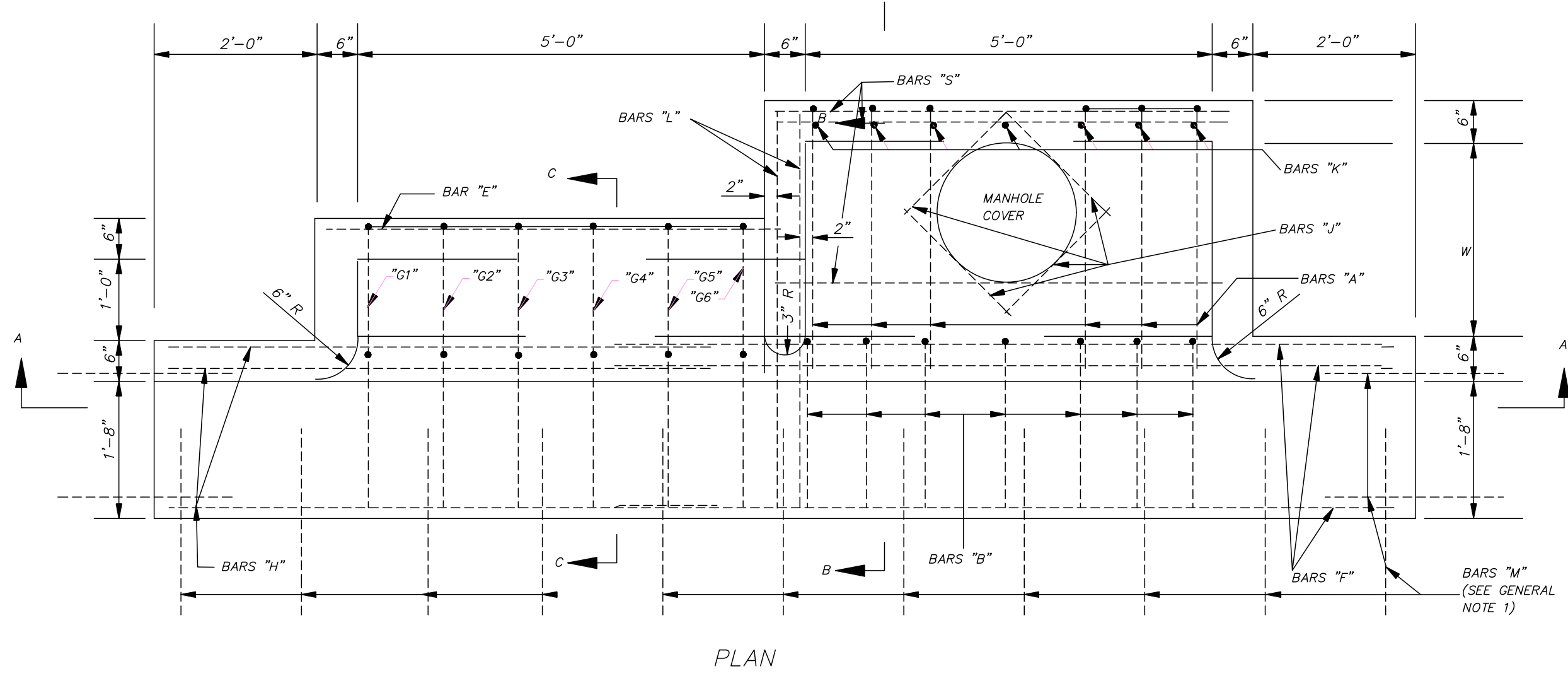
SHEET NUMBER C401
PROJECT NUMBER B-5657

BOTTOM/TOP/EXTENSION REINFORCEMENT				
SS-2 INLET SIZE	BOTTOM REINFORCEMENT	BOTTOM LB./STEEL	TOP LB./STEEL	EXTENSION LB./STEEL
3X5	#4 @ 9" EW	38.550	116.496	38.305

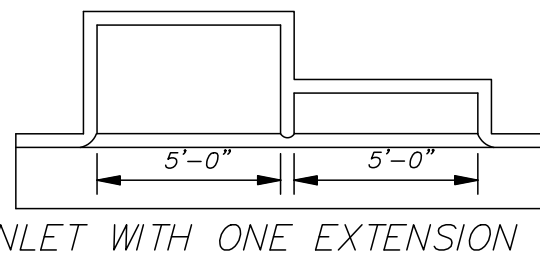
1. CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 4000 PSI MINIMUM AT 28 DAYS.
2. REINFORCING FOR BOTTOM AND WALLS MAY BE WELDED WIRE FABRIC, ASTM A-185, AND OF THE AREA AS SHOWN IN TABLE.
3. REINFORCING FOR COVER SHALL BE ASTM A615/A-1 AND OF THE SIZE AS SHOWN IN TABLE AND DRAWINGS
4. JOINT TO BE SEALED WITH FLEXIBLE PLASTIC GASKET FOR JOINT CONDUIT, AASHTO SPECIFICATION M-198 OR MODIFIED BITUMEN.
5. 2 1/2" LIFTING HOLES TO BE LOCATED ON EACH SIDE OF BOX SECTIONS FOR HANDLING AND SHALL BE SEALED WATERIGHT WITH NON-SHRINK GROUT INSIDE AND OUT.
6. ALL JOINTS SHALL BE SEALED WITH A COMMERCIAL NON-SHRINK, MASONRY GROUT MEETING MOD SPECIFICATIONS. ALL JOINTS SHALL BE FILLED WITH PIECES OF BLOCKS OR BRICKS PRIOR TO GROUTING. GROUTING REQUIRED INSIDE AND OUT. **PIPE CONNECTIONS TO INLETS SHALL NOT BE BACKFILLED WITHOUT OWNER'S PERMISSION.**
7. WHEN INTERIOR RISERS ARE REQUIRED, UNITS SHALL BE MARKED TO IDENTIFY EACH UNIT.
8. INLET TOPS MAY BE PRECAST OR CAST IN PLACE AND SHALL MATCH LONGITUDINAL SLOPE OF THE CURB. THE CURB SHALL BE PLACED AT THE SAME GRADE AS THE EXTENSION. THE JOINT FOR CONNECTION WITH CURB SHALL BE PLACED AT THE SAME GRADE AS THE CURB.
9. INLETS SHALL BE PAID FOR PAYMENT ON PER EACH BASIS AS EITHER A SINGLE, SINGLE W/ EXTENSION, DOUBLE, DOUBLE W/ DOUBLE EXTENSION OR A DOUBLE INLET. ALL ASPECTS REQUIRED TO COMPLETELY INSTALL EACH INLET STRUCTURE SHALL BE INCLUDED EACH PAY ITEM.
10. SLOPE INLET TOP AND EXTENSION TOP SHALL BE PLACED AT THE SAME GRADE AND CROSS SLOPE REQUIRED ON THE ROADWAY PLANS.

SHEET NUMBER
C402

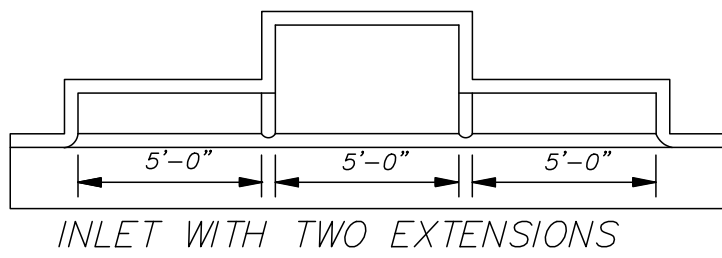
PROJECT NUMBER
B-5657



5'-0" INLET
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 121
CONC. = (WY + 5.5W + 6Y + 14.611)/27



10'-0" INLET
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 231
CONC. = (WY + 5.5W + 6Y + 38.641)/27



15'-0" INLET
STEEL = 8.68W + 9.35Y + 3.79W' + 7.57H' + 341
CONC. = (WY + 5.5W + 6Y + 62.671)/27

NOTE:
ALL INLET AND STORM MANHOLE CASTING LIDS SHALL STATE
"NO DUMPING, DRAINS TO RIVER".

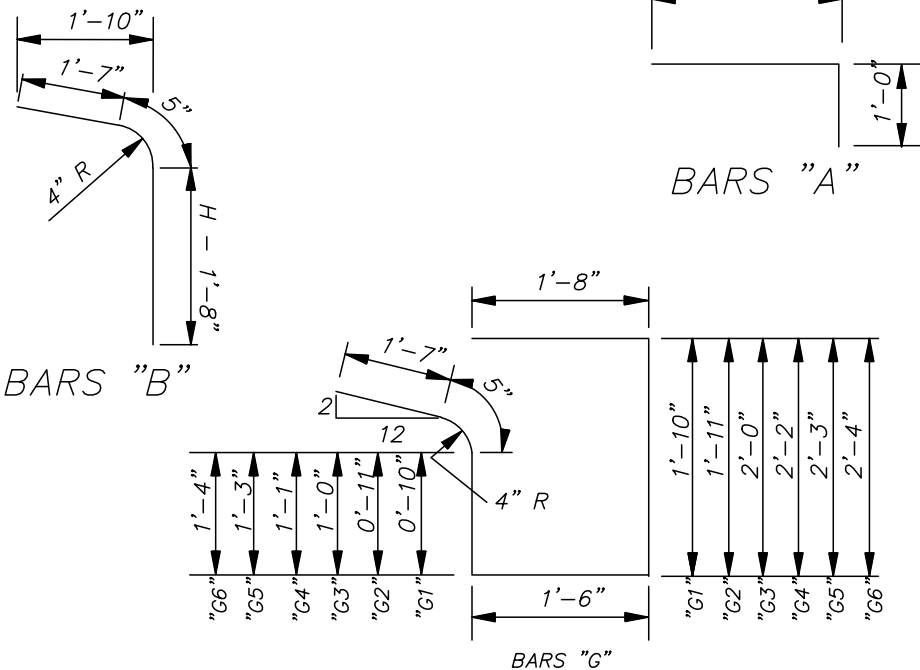
- NOTES:
1. W AND H ARE EXPRESSED IN DECIMAL FEET.
2. W' = W ROUNDED TO NEAREST WHOLE FOOT.
3. Y = (H-0.5).
4. H' = (H - 2.08) ROUNDED TO NEAREST WHOLE FOOT.
5. NO DEDUCTIONS ARE MADE FOR PIPE OPENINGS IN FORMULAS.

PLAN OF INLET AND EXTENSIONS

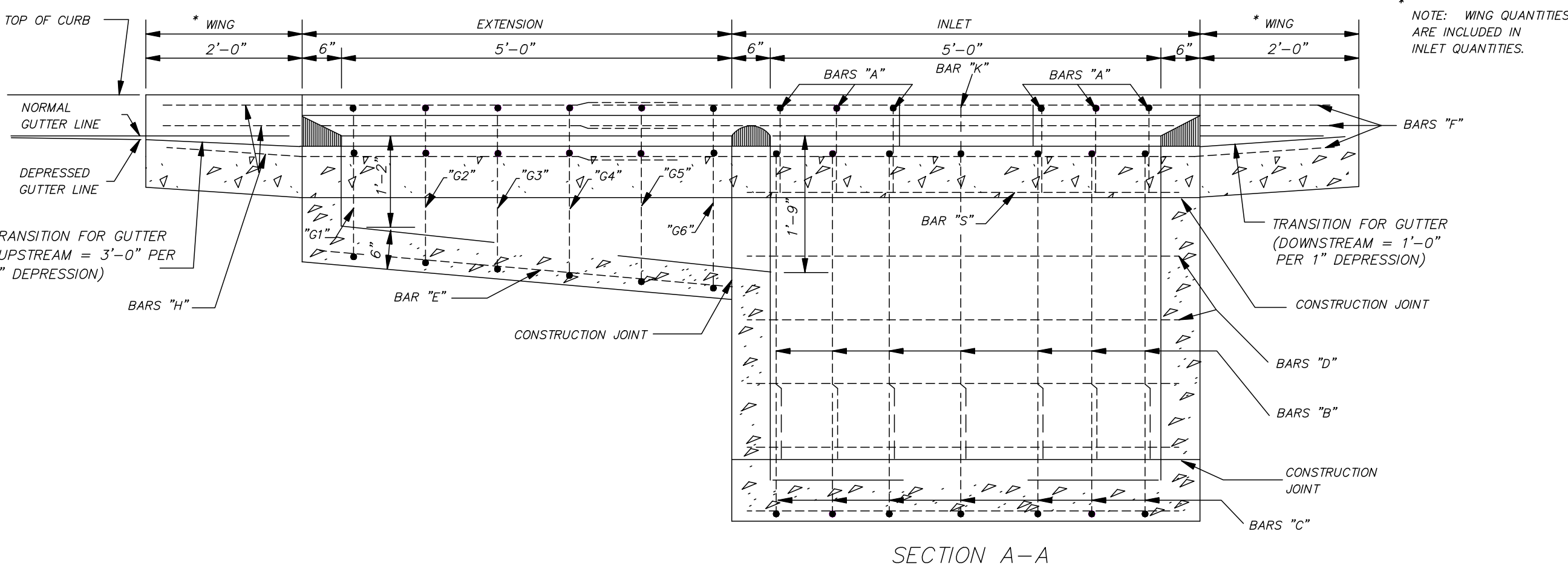
ADD. CONCRETE PER FOOT OF H		ADD. CONCRETE PER FOOT OF W	
W	yd ³ /ft	H	yd ³ /ft
2'-6"	0.315	3'-6"	0.315
3'-0"	0.333	4'-0"	0.333
3'-6"	0.352	4'-6"	0.352
4'-0"	0.371	5'-0"	0.370
4'-6"	0.389	5'-6"	0.389
5'-0"	0.408	6'-0"	0.408
5'-6"	0.426	6'-6"	0.426
6'-0"	0.445	7'-0"	0.445
6'-6"	0.463	7'-6"	0.463
7'-0"	0.481	8'-0"	0.482
		8'-6"	0.500

QUANTITIES FOR ONE EXTENSION					
BAR	SIZE	LENGTH	SPACING	NUMBER	WEIGHT
"E"	#4	5'-8"	AS SHOWN	3	11
"G"	#4	SEE SCHEDULE	0'-11"	6	34
"H"	#6	6'-9"	AS SHOWN	5	51
"L"	#6	4'-9"	AS SHOWN	2	14
TOTAL STEEL FOR ONE EXTENSION = 110 lbs					
TOTAL CONCRETE FOR ONE EXTENSION = 0.89 yd					
NOTE: WHERE EXTENSION IS USED WITH CONCRETE PAVEMENT, ADD 27 lbs OF STEEL FOR BARS "M".					

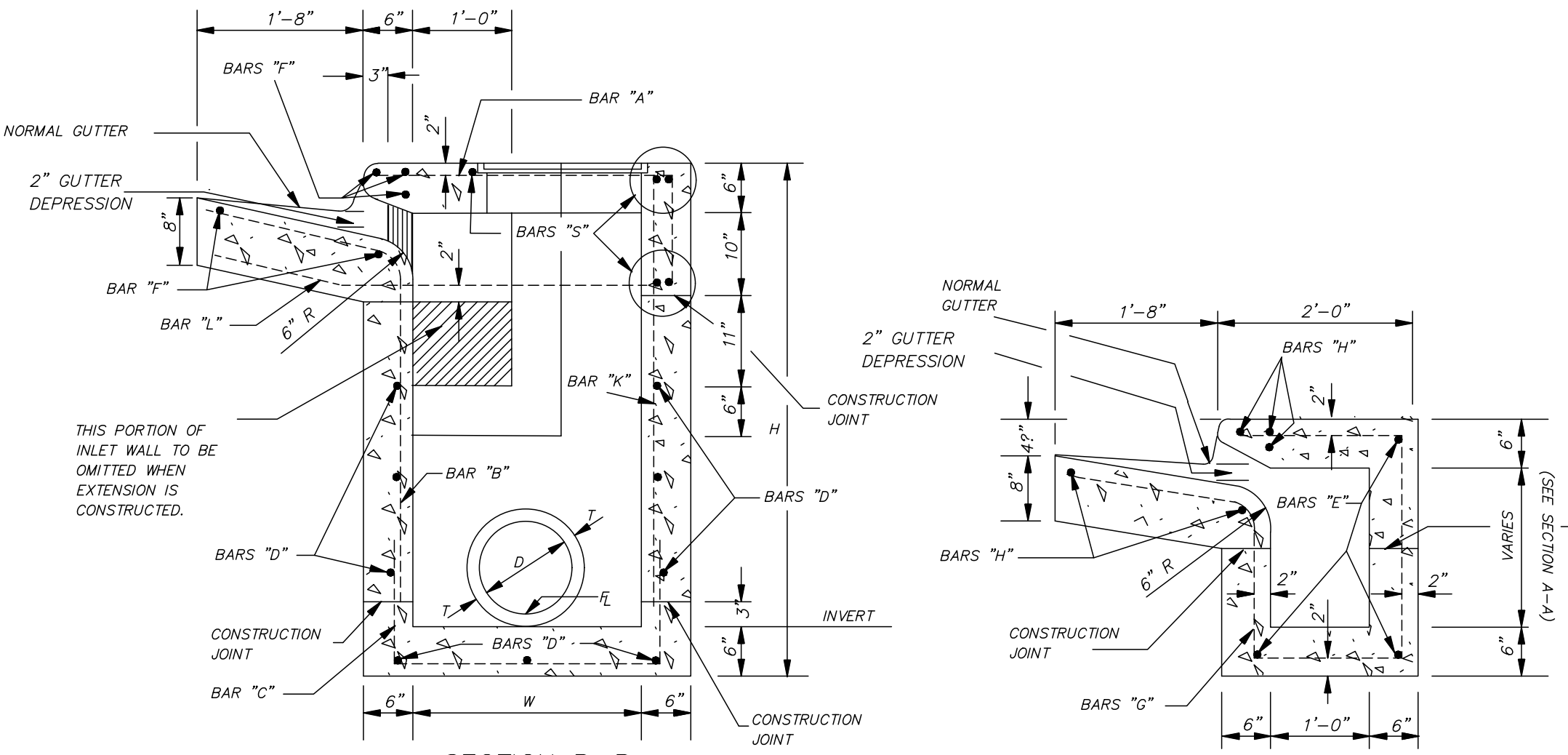
BAR "G" SCHEDULE	
BAR "G"	LENGTH
"G1"	7'-10"
"G2"	8'-0"
"G3"	8'-2"
"G4"	8'-5"
"G5"	8'-8"
"G6"	8'-10"



BAR DETAILS

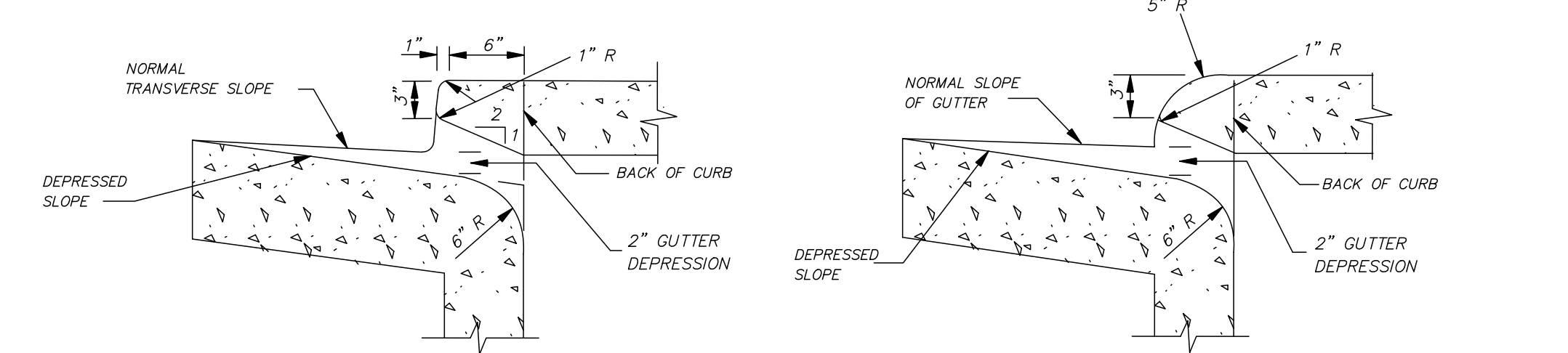


SECTION A-A



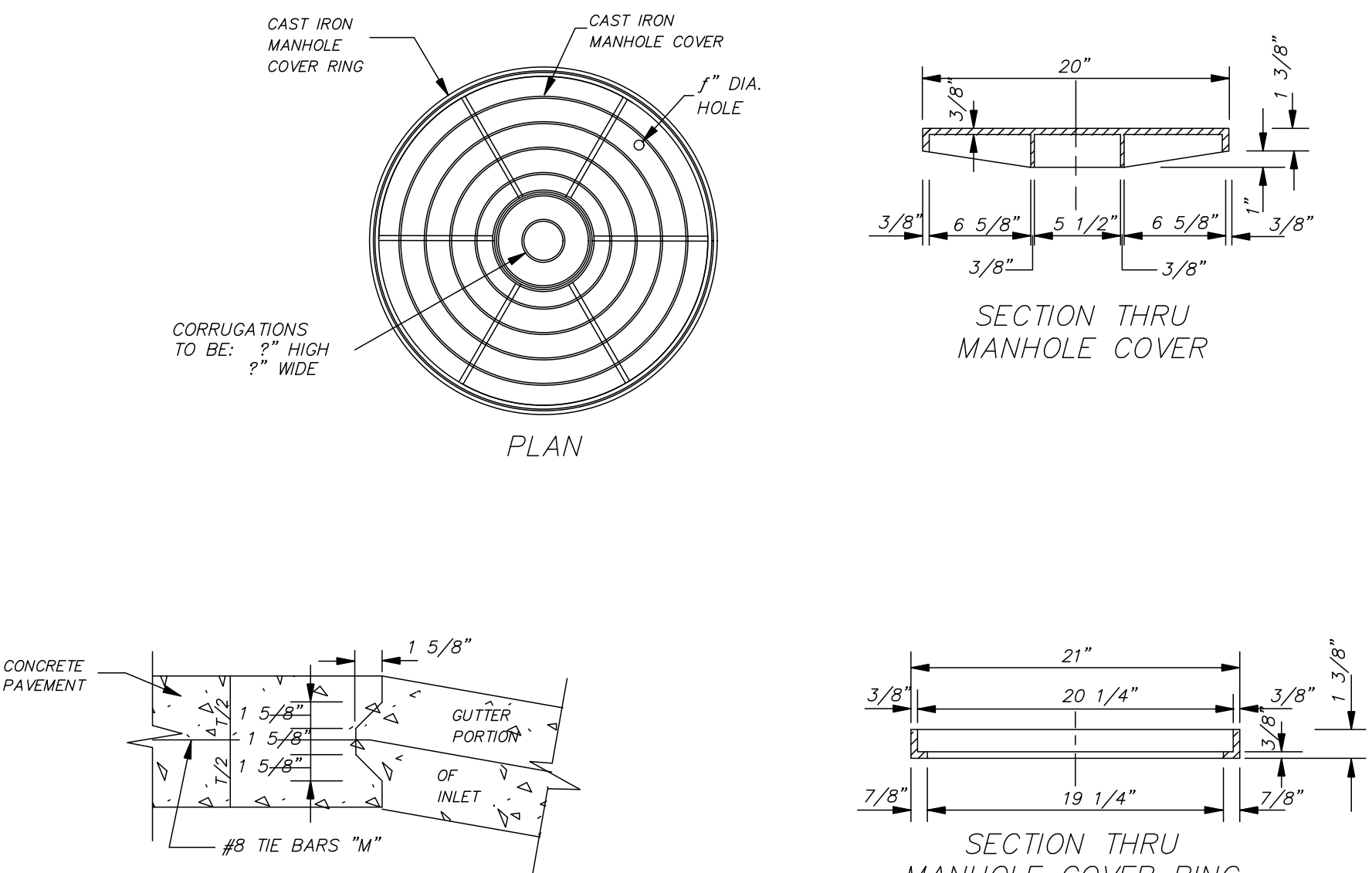
SECTION B-B

SECTION C-C



THROAT DETAIL OF BARRIER CURB

THROAT DETAIL OF ROLLED CURB



DETAIL OF KEYED CONSTRUCTION JOINTS

SECTION THRU MANHOLE COVER RING

NOTE: WEIGHT OF RING & COVER = 79 lbs

W=2'-6"		BILL OF REINFORCING STEEL FOR 1'-5'-0" INLET																	*TOTAL STEEL	TOTAL CONC.	
H	BAR "A" L = 4'-2" #4 @ 9"	BAR "C" L = 5'-8" #4 @ 9"	BAR "S" L = 5'-8" #4 @ 12"	BAR "D" L = 5'-8" #4 @ 12"	BAR "E" L = 5'-8" #6	BAR "J" L = 2'-3" #4	BAR "B" #4 @ 9"	BAR "K" #4 @ 9 ±	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.			lbs
3'-6"	6	17	7	27	5	19	5	19	5	73	4	6	3'-10"	7	18	2'-7"	7	12	190	1.99	
4'-0"	6	17	7	27	5	19	7	26	5	73	4	6	4'-4"	7	20	3'-1"	7	14	202	2.15	
4'-6"	6	17	7	27	5	19	7	26	5	73	4	6	4'-10"	7	23	3'-7"	7	17	207	2.31	
5'-0"	6	17	7	27	5	19	9	34	5	73	4	6	5'-4"	7	25	4'-1"	7	19	219	2.47	
5'-6"	6	17	7	27	5	19	9	34	5	73	4	6	5'-10"	7	27	4'-7"	7	21	224	2.62	
6'-0"	6	17	7	27	5	19	11	42	5	73	4	6	6'-4"	7	30	5'-1"	7	24	238	2.78	
6'-6"	6	17	7	27	5	19	11	42	5	73	4	6	6'-10"	7	32	5'-7"	7	26	240	2.94	
7'-0"	6	17	7	27	5	19	13	49	5	73	4	6	7'-4"	7	34	6'-1"	7	28	253	3.10	
7'-6"	6	17	7	27	5	19	13	49	5	73	4	6	7'-10"	7	37	6'-7"	7	31	257	3.25	

W=3'-0"		BILL OF REINFORCING STEEL FOR 1'-5'-0" INLET																	*TOTAL STEEL	TOTAL CONC.	
H	BAR "A" L = 4'-8" #4 @ 9"	BAR "C" L = 6'-2" #4 @ 9"	BAR "S" L = 5'-8" #4 @ 12"	BAR "D" L = 5'-8" #4 @ 12"	BAR "E" L = 5'-8" #6 @ 9"	BAR "J" L = 2'-3" #4	BAR "B" #4 @ 9"	BAR "K" #4 @ 9 ±	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.			lbs
3'-6"	6	19	7	29	5	19	5	19	5	73	4	6	3'-10"	7	18	2'-7"	7	12	194	2.15	
4'-0"	6	19	7	29	5	19	7	26	5	73	4	6	4'-4"	7	20	3'-1"	7	14	206	2.32	
4'-6"	6	19	7	29	5	19	7	26	5	73	4	6	4'-10"	7	23	3'-7"	7	17	211	2.49	
5'-0"	6	19	7	29	5	19	9	34	5	73	4	6	5'-4"	7	25	4'-1"	7	19	223	2.65	
5'-6"	6	19	7	29	5	19	9	34	5	73	4	6	5'-10"	7	27	4'-7"	7	21	228	2.82	
6'-0"	6	19	7	29	5	19	11	42	5	73	4	6	6'-4"	7	30	5'-1"	7	24	240	2.99	
6'-6"	6	19	7	29	5	19	11	42	5	73	4	6	6'-10"	7	32	5'-7"	7	26	245	3.15	
7'-0"	6	19	7	29	5	19	13	49	5	73	4	6	7'-4"	7	34	6'-1"	7	28	257	3.32	
7'-6"	6	19	7	29	5	19	13	49	5	73	4	6	7'-10"	7	37	6'-7"	7	31	262	3.49	

W=3'-6"		BILL OF REINFORCING STEEL FOR 1-5'-0" INLET																		*TOTAL CONC.	TOTAL CONC.
H	BAR "A" L = 5'-2" #4 @ 9"	BAR "C" L = 6'-8" #4 @ 9"	BAR "S" L = 5'-8" #4 @ 12"	BAR "D" L = 5'-8" #4 @ 12"	BAR "E" L = 5'-8" #6	BAR "J" L = 2'-3" #4	BAR "B" #4 @ 9"	BAR "K" #4 @ 9"	*TOTAL CONC.	TOTAL CONC.											
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.	NO.	lbs	lbs	yd ³					
3'-6"	6	21	7	31	5	19	6	23	5	73	4	6	3'-10"	7	18	2'-7"	7	12	202	2.31	
4'-0"	6	21	7	31	5	19	8	30	5	73	4	6	4'-4"	7	20	3'-1"	7	14	214	2.49	
4'-6"	6	21	7	31	5	19	8	30	5	73	4	6	4'-10"	7	23	3'-7"	7	17	219	2.66	
5'-0"	6	21	7	31	5	19	10	38	5	73	4	6	5'-4"	7	25	4'-1"	7	19	231	2.84	
5'-6"	6	21	7	31	5	19	10	38	5	73	4	6	5'-10"	7	27	4'-7"	7	21	236	3.01	
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6'-6"	6	21	7	31	5	19	12	45	5	73	4	6	6'-10"	7	32	5'-7"	7	26	253	3.37	
7'-0"	6	21	7	31	5	19	14	53	5	73	4	6	7'-4"	7	34	6'-1"	7	28	265	3.54	
7'-6"	6	21	7	31	5	19	14	53	5	73	4	6	7'-10"	7	37	6'-7"	7	31	270	3.72	

* NOTE: WHERE INLET IS USED WITH CONCRETE PAVEMENT, ADD 73 lbs of Steel for BARS "M".

* NOTE: WHERE INLET IS USED WITH CONCRETE PAVEMENT, ADD 73 lbs OF STEEL FOR BARS "M".

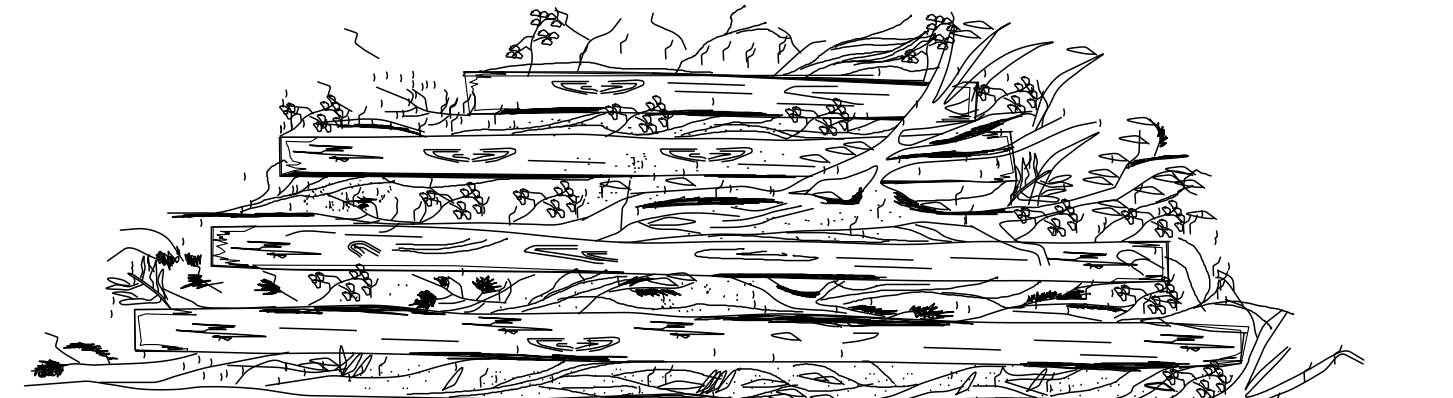
- GENERAL NOTES:
- WHERE INLET WITH EXTENSION(S) IS USED WITH CONCRETE PAVEMENT WITH INTEGRAL CURB, THE PAVEMENT IS TO BE BLOCKED OUT TO THE DIMENSIONS AS SHOWN FOR THE GUTTER PORTIONS OF THE INLET WITH EXTENSION(S). THE PORTION BLOCKED OUT SHALL BE PLACED INTEGRAL WITH THE TOP OF THE INLET OR INLET WITH EXTENSION(S). #6 DEFORMED BARS 30" LONG SHALL BE PLACED ON 18" CENTERS AT THE CENTER OF THE PAVEMENT. THESE BARS SHALL EXTEND INTO THE GUTTER PORTION OF THE INLET OR INLET WITH EXTENSION(S) 15". THE CONSTRUCTION JOINT BETWEEN THE CONCRETE PAVEMENT AND THE INLET OR INLET WITH EXTENSION(S) SHALL BE A KEYED JOINT AS SHOWN. A SMOOTH CONSTRUCTION JOINT WILL NOT BE PERMITTED. QUANTITIES FOR BLOCKED OUT AREA OF PAVEMENT SHALL BE INCLUDED IN QUANTITIES FOR THE INLET OR INLET WITH EXTENSION(S).
 - THE STANDARD SPECIFICATIONS ADOPTED BY THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION SHALL APPLY TO ALL ITEMS ON THIS SHEET.
 - THE QUANTITIES SHOWN, MINUS VOLUMETRIC DISPLACEMENT OF CONCRETE BY PIPE CULVERTS THROUGH INLET WALLS, WILL BE USED AS THE BASIS OF FINAL PAYMENT UNLESS THIS PLAN IS MODIFIED.
 - FOR CONVENIENCE, DEPTHS OF INLETS SHOWN IN ABOVE TABLE ARE INCREMENTS OF 6". BUT ANY DEPTHS OTHER THAN THESE SHOWN MAY BE USED WHEREVER DEEMED NECESSARY. QUANTITIES FOR OTHER DEPTHS, FALLING WITHIN THE LIMITS OF THE TABLE, MAY BE FOUND BY INTERPOLATION.
 - FIELD CUT AND BEND BARS AS NECESSARY TO ACCOMMODATE STORM SEWER. NO DEDUCTIONS ARE TO BE MADE IN STEEL QUANTITIES.
 - INLET TOPS MAY BE PRECAST OR CAST IN PLACE AND SHALL MATCH THE LONGITUDINAL SLOPE OF THE CURB. PRECAST AND POURED IN PLACE STRUCTURES SHALL HAVE REBAR EXTENDED AND EXPOSED FOR CONNECTION WITH POURED IN PLACE TOPS.
 - ALL ASPECTS REQUIRED TO COMPLETELY INSTALL EACH INLET STRUCTURE SHALL BE INCLUDED IN THE ASSOCIATED PAY ITEMS.
 - INLETS WILL BE MEASURED FOR PAYMENT ON A PER EACH BASIS AS EITHER A SINGLE, SINGLE w/ EXTENSION, SINGLE w/ DOUBLE EXTENSION OR A DOUBLE INLET.

Species	Seeding Rate/Ac	Planting Time	Desired pH Range	Fertilization Rate/Ac	Method of Establishing
Common Bermuda	15 lbs. alone 10 lbs. mixture	Mar 1 – July 15 Sept 1 – Nov 30	6.0 – 7.0	600 lbs. 13–13–13	Seed
Bahia	40 lbs. alone 30 lbs. mixture	Mar 1 – July 15 Sept 1 – Nov 30	6.0 – 7.0	600 lbs. 13–13–13	Seed
Fescue	40 lbs. alone 30 lbs. mixture	Sept 1 – Nov 30	6.0 – 7.0	600 lbs. 13–13–13	Seed
Sericea Lespedeza	40 lbs. alone	Mar 1 – July 15 Sept 1 – Nov 30	6.0 – 7.0	400 lbs. 6–24–24	Seed
*Wheat	90 lbs.	Sept 1 – Nov 30	6.0 – 7.0	600 lbs. 13–13–13	Seed
*Ryegrass	30 lbs.	Sept 1 – Nov 30	6.0 – 7.0	600 lbs. 13–13–13	Seed
*White Clover	5 lbs.	Sept 1 – Nov 30	6.0 – 7.0	400 lbs. 6–24–24	Seed
*Crimson Clover	15 lbs.	Sept 1 – Nov 30	6.0 – 7.0	400 lbs. 6–24–24	Seed
*Hairy Vetch	30 lbs.	Sept 1 – Nov 30	6.0 – 7.0	400 lbs. 6–24–24	Seed
*Browntop Millet	40 lbs. alone 15 lbs. mixture	Apr 1 – Aug 30	6.0 – 7.0	600 lbs. 13–13–13	Seed

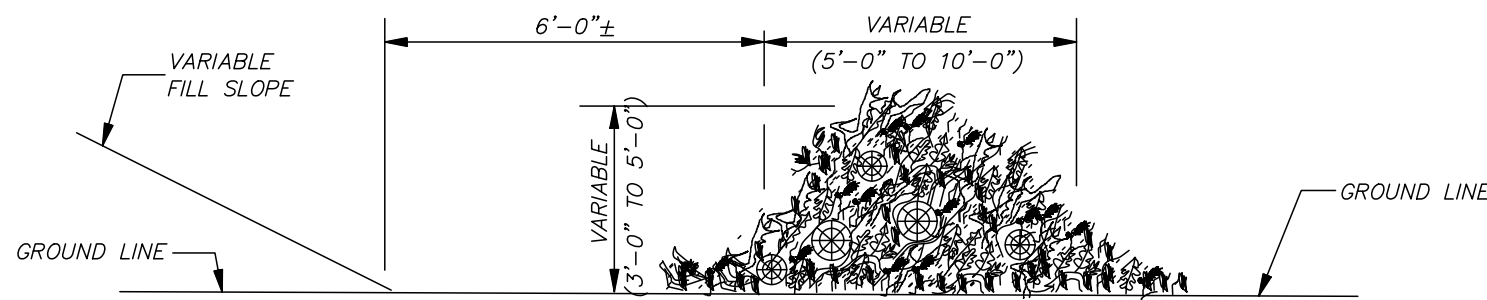
*ANNUAL

- NOTES:
1. FOR PERMANENT SEEDING, ANNUALS CAN ONLY BE USED IN A MIXTURE WITH PERENNIALS.
2. SPECIES THAT ARE TO BE SPREAD AS SOLID SOD ARE NOT LISTED (i.e. ST. AUGUSTINE, CENTPEDE, CARPET GRASS, & ZOYSIA).
3. DURING THE MONTHS OF DECEMBER THROUGH FEBRUARY MULCHING IS THE ONLY OPTION ALLOWED.

GENERAL RECOMMENDATIONS FOR TEMPORARY/PERMANENT SEEDING



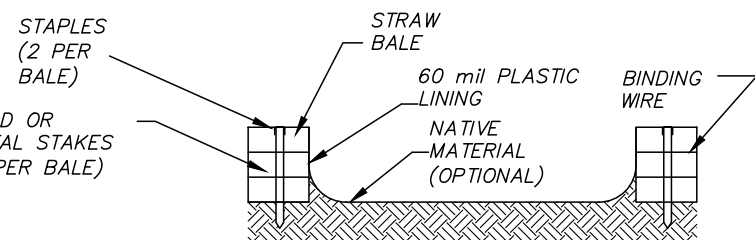
FRONT ELEVATION



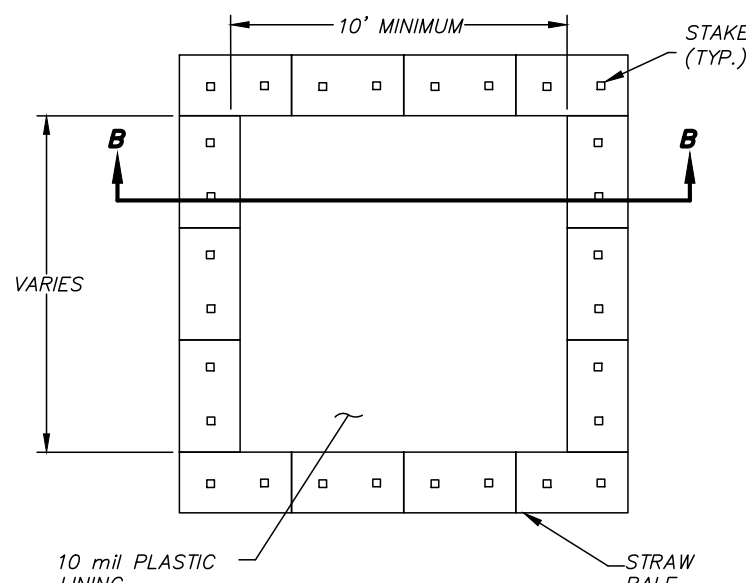
SIDE ELEVATION

- NOTES:
1. BRUSH BARRIER TO BE USED WHERE NATURAL GROUND COVER IS LEVEL OR SLOPING AWAY FROM PROJECT.
2. PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TOP TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. TO ALLOW WATER TO FLOW THROUGH THE BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FORM A SOLID DAM.

TEMPORARY BRUSH BARRIER
N.T.S.



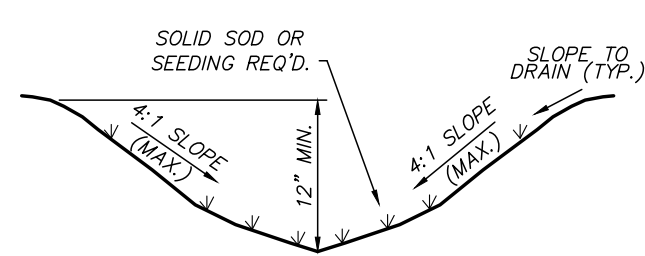
SECTION B-B
N.T.S.



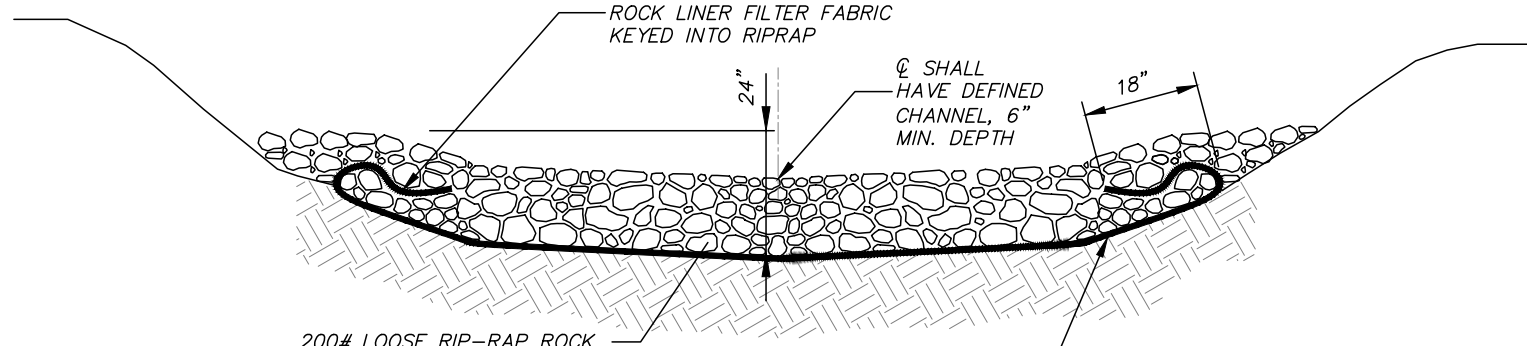
PLAN VIEW
N.T.S.

STRAW BALE CONCRETE WASHOUT AREA

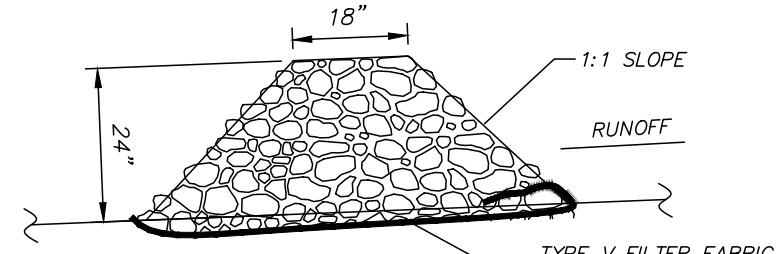
- NOTES:
1. LOCATION TO BE DETERMINED BY CONTRACTOR AND APPROVED BY THE ENGINEER OR ENGINEER'S REPRESENTATIVE.
2. IF CONCRETE WASHOUT AREA EXHIBITS LEAKAGE OR PROVES TO BE INADEQUATE FOR IT'S INTENDED PURPOSE, THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE.
3. IF REQUIRED BY ENGINEER OR C.O.J., AREAS IMMEDIATELY DOWNSTREAM/DOWNSLOPE SHALL INCLUDE A SECONDARY STORMWATER RUNOFF POLLUTION PREVENTION MEASURE.
4. MAINTENANCE SHALL BE IN ACCORDANCE WITH THE APPROVED STORMWATER MANAGEMENT PLAN.



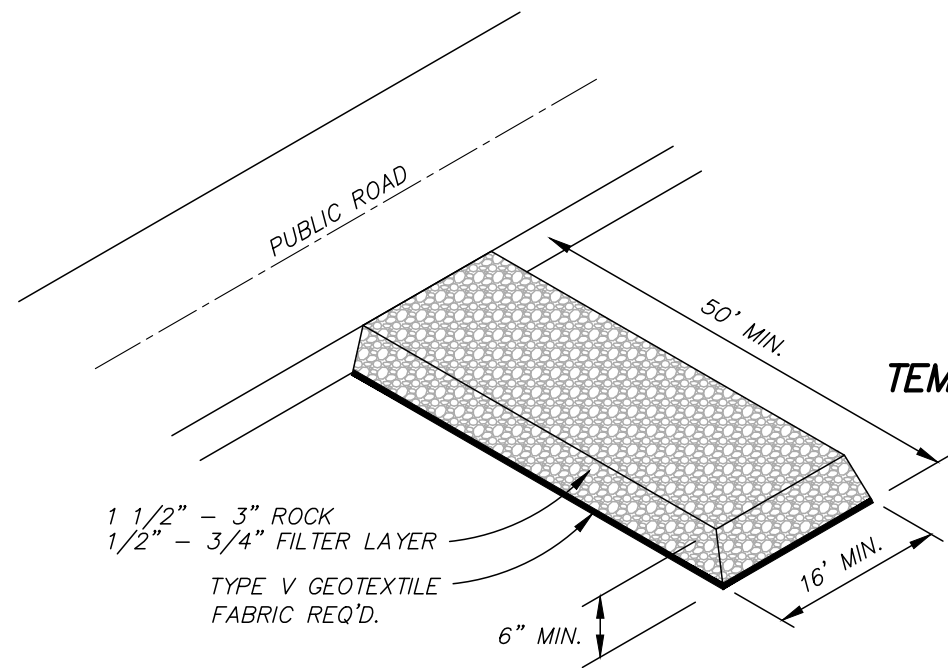
SWALE SECTION
N.T.S.



ELEVATION

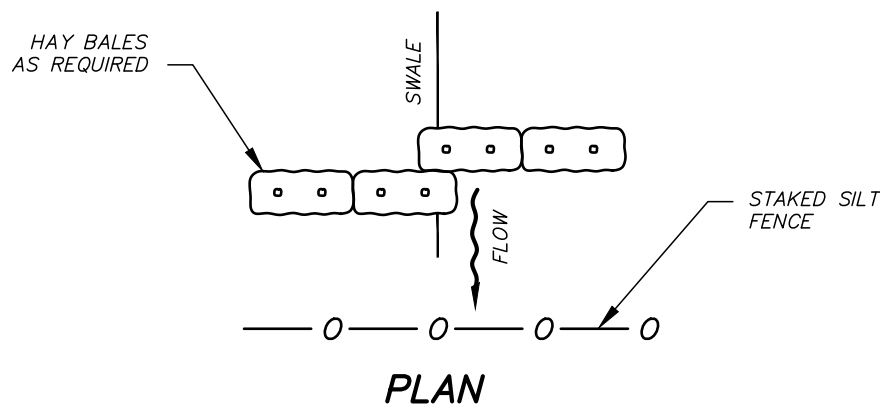


SECTION
RIP-RAP BERM DETAIL
N.T.S.

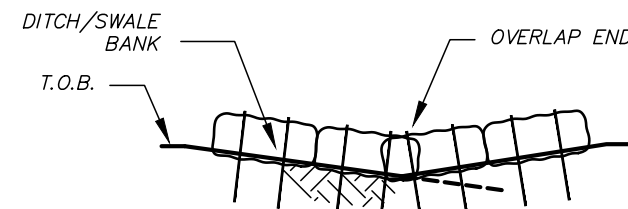


TEMPORARY CONSTRUCTION ENTRANCE DETAIL

- NOTES:
1. VEHICLE TRACKING MAT SHALL BE LOCATED AT EVERY ENTRANCE/EXIT TO THE CONSTRUCTION SITE.
2. VEHICLE TRACKING MAT SHALL BE MAINTAINED BY CONTRACTOR AS NEEDED TO PREVENT ANY MATERIAL FROM BEING TRACKED ONTO CITY STREET.
3. SEDIMENT AND OTHER MATERIAL SPILLED, DROPPED OR TRACKED ONTO CITY STREET SHALL BE IMMEDIATELY REMOVED BY CONTRACTOR.



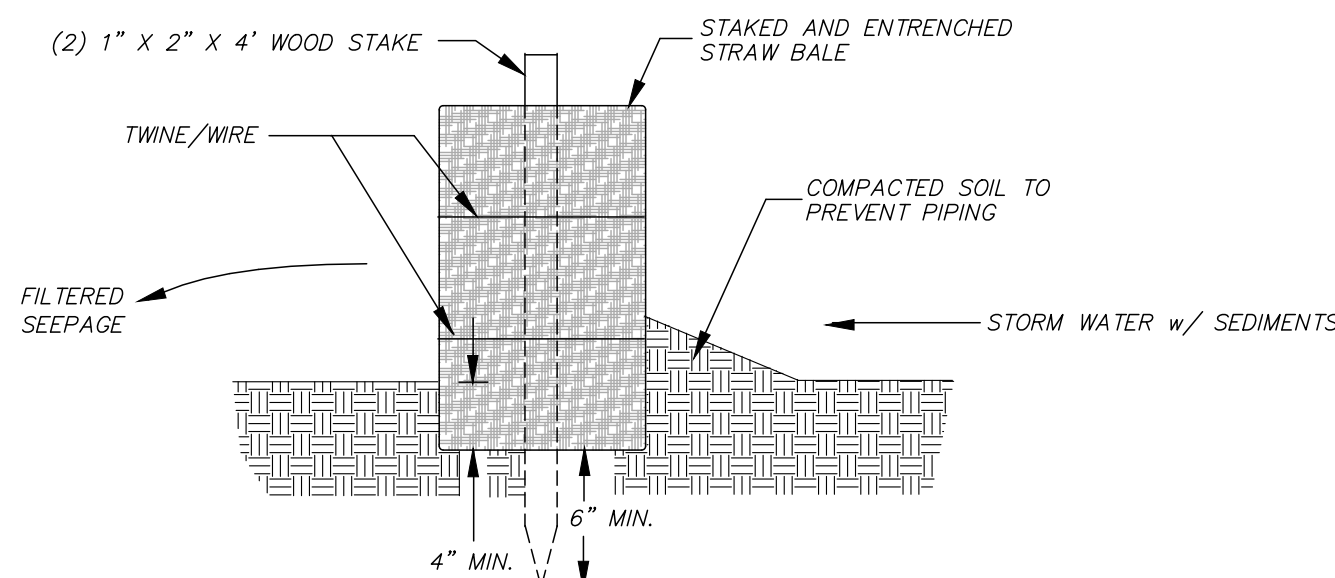
PLAN



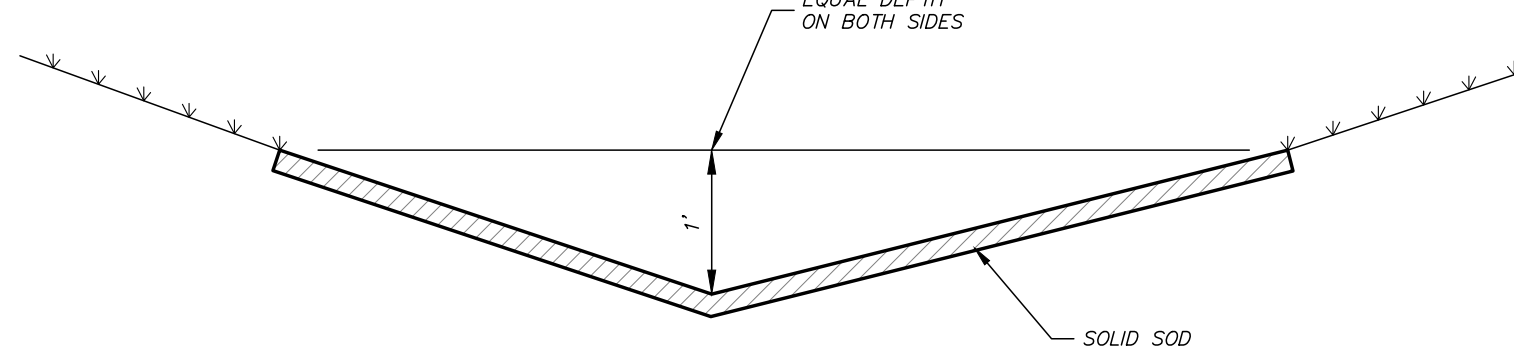
ELEVATION

HAY BALE INSTALLATION NOTES:

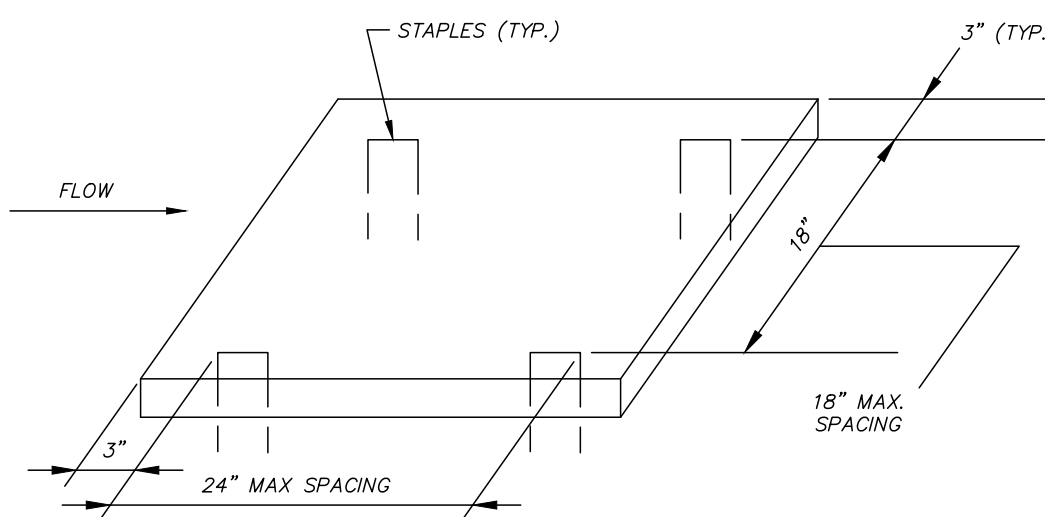
1. HAY BALES SHALL BE TRENCHED 3" TO 4" AND STAKED WITH (2) 1"x2"x4" WOOD STAKES PER BALE.
2. SILT FENCE SHALL BE DOWN STREAM OF HAY BALES.
3. ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER. UNAVOIDABLE GAPS SHALL BE PLUGGED WITH HAY OR STRAW TO PREVENT SILT FROM PASSING.



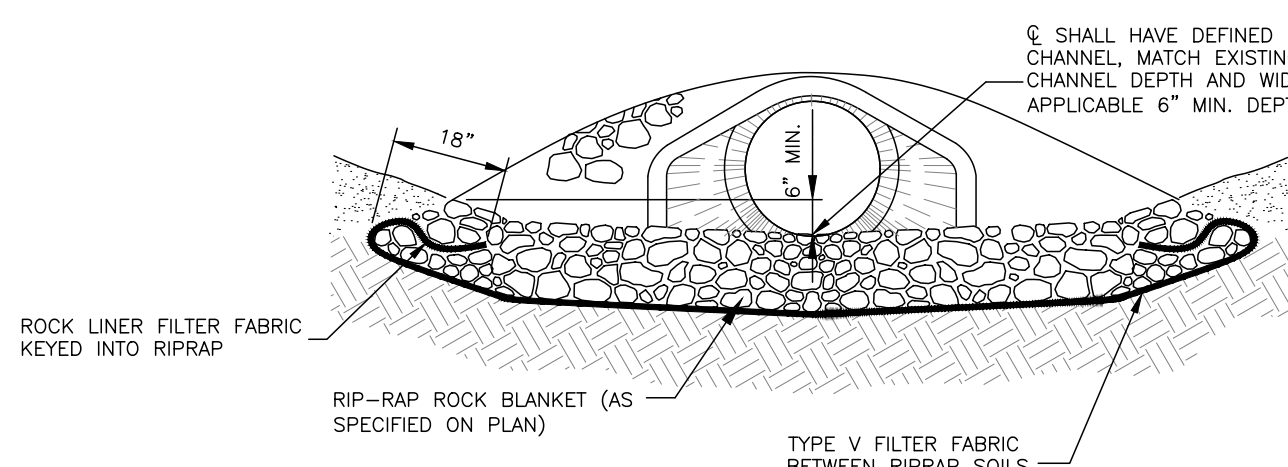
HAY BALE INSTALLATION



SOLID SOD TREATMENT



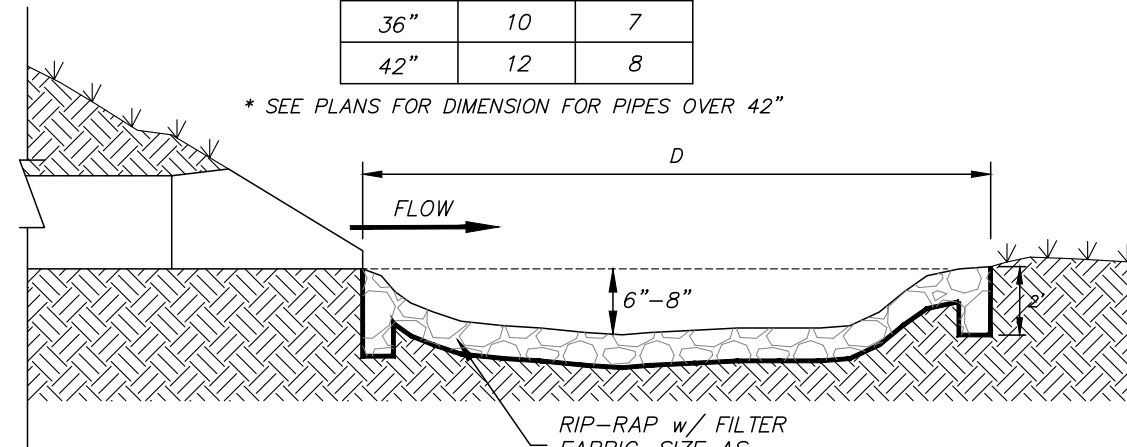
- NOTES:
1. SOLID SOD REQUIRED ON ALL SLOPES GREATER THAN 3:1 OR WHERE NOTED ON DRAWINGS.
2. SOLID SOD (STRIPS OR BLOCK) ARE TO BE STAPLED, PINNED, PEGGED OR STAKED AT THE FOUR CORNERS OR AT THE MAXIMUM SPECIFIED SPACING.



TYPICAL RIP-RAP SECTION AT STORM DRAIN CULVERT

PIPE Ø	D	W
15"	5	4
18"	6	4
24"	8	5
30"	10	6
36"	10	7
42"	12	8

* SEE PLANS FOR DIMENSION FOR PIPES OVER 42"

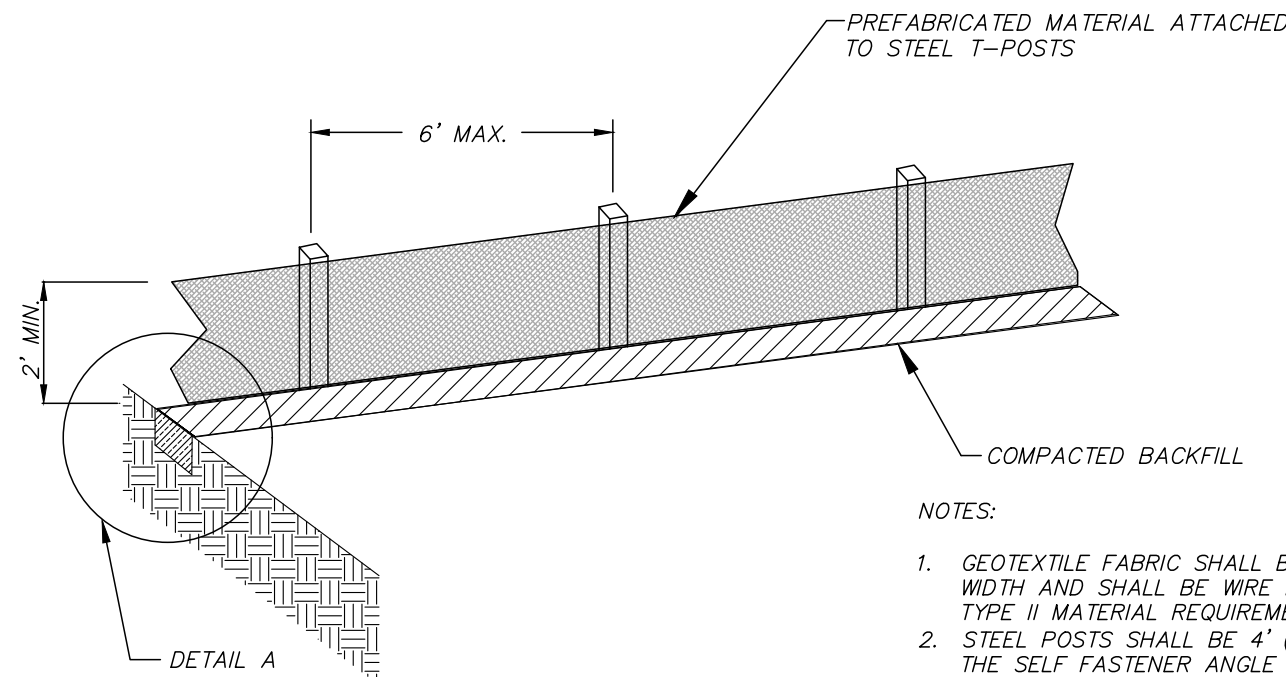


DOWNSTREAM ELEVATION

NOTES:

1. RIP-RAP TREATMENT REQUIRED AT ALL CULVERTS UPSTREAM AND DOWNSTREAM ENDS.
2. RIP-RAP TREATMENT ON UPSTREAM AND DOWNSTREAM ENDS SHALL TOTALLY SURROUND CULVERT TO A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE.
3. SEE CHART FOR DIMENSIONS FOR D & W UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
4. EROSION CONTROL BLANKETS OR OTHER MEANS FOR PROTECTION MAY BE USED WITH APPROVAL OF ENGINEER.
5. RIP-RAP WILL BE PAID FOR BY THE SQUARE YARD.
6. RIP-RAP DIMENSIONS SHOWN ON THE SCHEDULE ARE TYPICAL AND MAY BE ADJUSTED BY ENGINEER AT NO COST TO THE OWNER.

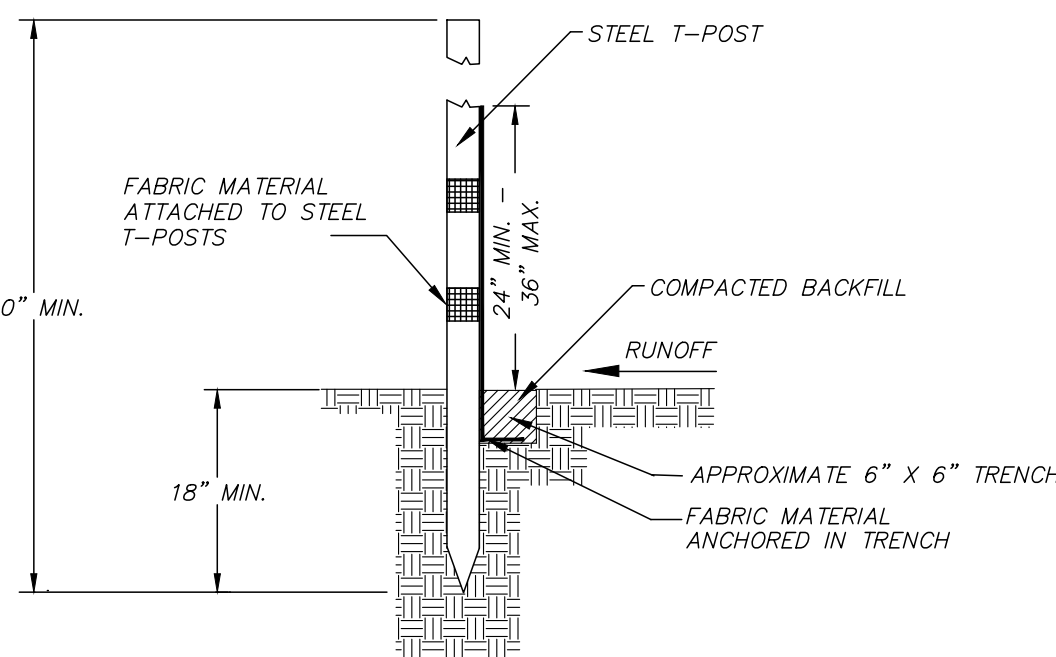
CULVERT RIP-RAP OUTLET PROTECTION



SILT FENCE DETAIL

NOTES:

1. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF .36" IN WIDTH AND SHALL BE WIRE BACKED OR MEET MDOT TYPE II MATERIAL REQUIREMENTS.
2. STEEL POSTS SHALL BE 4" (MIN.) IN HEIGHT AND OF THE SELF FASTENER ANGLE STEEL TYPE.
3. FENCE SHALL BE FASTENED WITH NOT LESS THAN 9 GAGE STAPLES 1" LONG FOR WOODEN POSTS AND 3/4" FOR WOODEN STAKES.
4. ALLOW A 6" OVERLAP OF FABRIC AT JOINTS.



SILT FENCE DETAILS

REVISIONS:

DATE: 05/03/19	DRAWN: BCB	CHECKED: GAB	SCALE: 1"=1'
REF C/L:	EC SURFACE:	FG SURFACE:	

PROJECT LOCATION:
BERRYMAN ROAD
VICKSBURG, MISSISSIPPI
CLIENT:
NEW VISION VENTURE 200 RIVERWIND EAST DR.
SUITE 200 PEARL, MS 39208

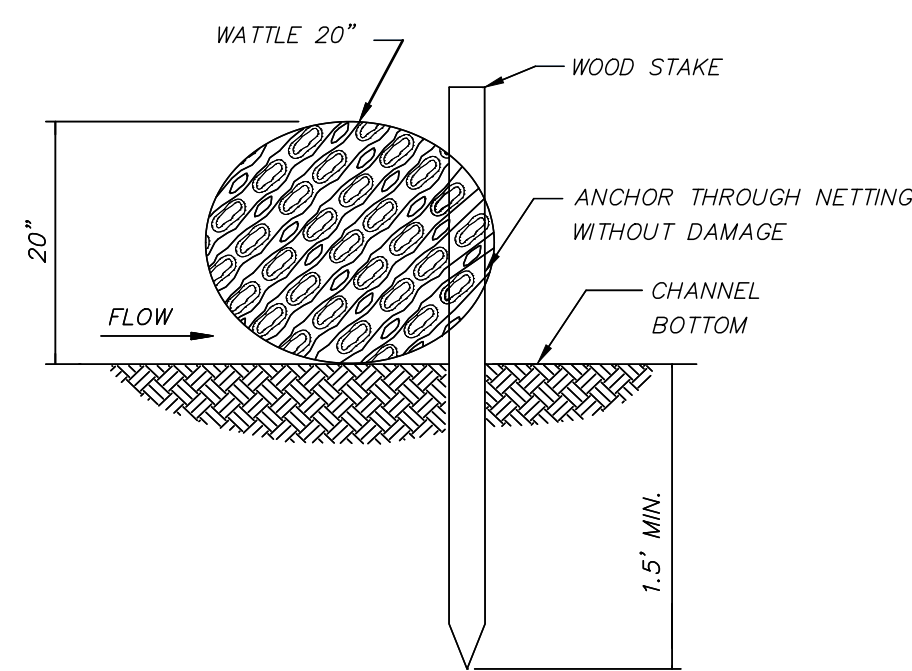
PROJECT:
HOME2SUITES - VICKSBURG, MS
SHEET CONTENTS:
EROSION CONTROL DETAILS

SHEET NUMBER

C404

PROJECT NUMBER

B-5657

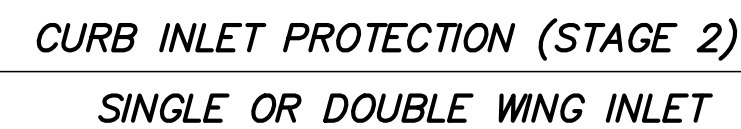


DETAIL (DITCH CHECK)



- WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.



SECTION B-B



- NOTES:
1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
 2. OVERLAP ENDS OF WATTLES PER MANUFACTURERS RECOMMENDATIONS (1"MIN., 3"MAX.).
 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.

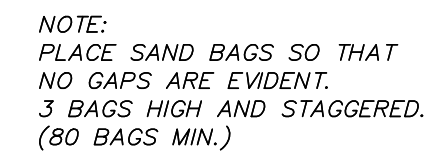


WATTLE INLET PROTECTION



- NOTES:
1. FRAMES WITH EITHER SQUARE OR CIRCULAR BASES MAY BE USED. SELECTED FRAME BASE SHOULD PROVIDE BEST SEAL AROUND INLET AS DIRECTED BY THE ENGINEER.
 2. FILL POCKETS AROUND BASE OF FILTER COVER WITH #57 STONE OR SOIL. STONE IS REQUIRED WHEN THE ANCHORING OR THE MANHOLE INLET PROTECTION DEVICE OVER PAVED DITCH OR FLUME.
 3. USE ONLY DURING STAGE 3 OR STAGE 4 INLET CONSTRUCTION.
 4. FOR MEDIAN INLET PROTECTION, THE ELEVATION OF THE COARSE SCREEN TOP SHOULD BE A MINIMUM OF 6" BELOW THE ELEVATION OF THE OUTSIDE EDGE OF THE INSIDE SHOULDER.

SECTION "A-A"



*DROP INLET
PLAN VIEW*



SAND BAG BARRIER



- CURB INLET PROTECTION NOTES:**
1. THIS CURB INLET PROTECTION METHOD CAN BE USED DURING ANY STAGE OF BASE AND PAVEMENT CONSTRUCTION.
 2. BAG HEIGHT AND NUMBER OF BAGS SHOULD BE BASED ON CURB HEIGHT AND USE OF TRAVELWAY.
 3. SEDIMENT SHOULD BE CONTROLLED PRIOR TO ENTERING GUTTER. GUTTER CHECKS AND INLET PROTECTION ARE FOR SECONDARY CONTROL.
 4. REMOVE ACCUMULATED SEDIMENT AFTER EVERY RAINFALL. SWEEP SEDIMENT FROM HARD SURFACES AND DISPOSE OF APPROPRIATELY AWAY FROM INLETS AND/OR WATER BODIES.
 5. IF DENUDED AREAS EXIST BEHIND THE INLET, A SEDIMENT BARRIER SHOULD BE INSTALLED AROUND IT'S PERIMETER TO CONTROL SEDIMENT.

SAND BAG INLET PROTECTION

DATE: 03/02/13	DRAWN: DOD	
CHECKED: GAB	SCALE: 1"=1'	
REF C/L:		
EG SURFACE:		
FG SURFACE:		

PROJECT LOCATION:
BERRYMAN ROAD
VICKSBURG, MISSISSIPPI

CLIENT:
NEW VISION VENTURE 200 RIVERWIND EAST DR.
SUITE 200 PEARL, MS 39208

HOME2SUITES - VICKSBURG, MS

EROSION CONTROL DETAILS