	LEGE	ND	
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \end{array} \end{array} \end{array} \\ \end{array} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} $	EX. STREET LIGHT EX. POWER POLE NEW GREASE TRAP NEW CLEAN OUT EX. SANITARY MANHOLE NEW SANITARY MANHOLE EX. STORM MANHOLE EX. STORM MANHOLE EX. STORM CATCH BASIN NEW STORM CATCH BASIN EX. CULVERT FLARE END NEW CULVERT FLARE END ADA MARKING NEW GATE VALVE EX. GATE VALVE EX. WATERLINE ELBOWS NEW WATERLINE ELBOWS NEW TAPPING SLEEVE & VALVE EX. HYDRANT EX. STUMP EX. SHRUB EX. DECIDUOUS TREE EX. CONIFEROUS TREE DOWN SPOUT EXPANSION JOINT BORING LOCATION AND NUMBER PROPERTY CORNER (PLACED) EX. SIGN NEW SIGN PEDESTAL TRANSFORMER EX. ELEC MANHOLE PARKING COUNT	X X X X X X X X X X	ACCESSIBLE (ADA) RAMP EX. BUILDING EX. FENCE EX. SIDEWALK EX. EASEMENT EX. ROW/PROPERTY LINE EX. CURB EX. CURB EX. SANITARY SEWER EX. WATER EX. STORM SEWER EX. FORCE MAIN EX. RETAINING WALL EX. CONTOUR EX. GUARDRAIL EX. CONTOUR EX. GUARDRAIL EX. FIBER OPTIC EX. GAS LINE EX. ELECTRIC EX. OVERHEAD ELECTRIC EX. OVERHEAD ELECTRIC EX. CABLE TV EX. TELEPHONE EX. ASPHALT EX. CONC EX. GRAVEL NEW BUILDING NEW FENCE NEW SIDEWALK NEW EASEMENT NEW ROW/PROPERTY LINE NEW CURB NEW SANITARY SEWER NEW SANITARY SEWER NEW SANITARY SEWER NEW SANITARY SEWER NEW SANITARY SEWER NEW WATER NEW STORM SEWER NEW SORM SEWER NEW FORCE MAIN NEW RETAINING WALL NEW CONTOUR NEW ASPHALT NEW CONC NEW GRAVEL GRADING HIGH POINT

CERTIFICATE OF DEVELOPMENT PLAN

IT IS AGREED THAT THE CONDITIONS OF THIS DEVELOPMENT PLAN SHALL BE BINDING UPON THE UNDERSIGNED, THEIR SUCCESSORS AND ASSIGNS, SHALL LIMIT AND CONTROL THE ISSUANCE AND VALIDITY OF ALL ZONING PERMITS, AND SHALL RESTRICT AND LIMIT THE LOCATION, CONSTRUCTION AND USE OF ALL LAND AND STRUCTURES INCLUDED WITHIN THE PLAN TO ALL OF THE CONDITIONS SET FORTH UPON THE PLAN; AND THAT THE DEVELOPMENT PLAN MAY BE AMENDED ONLY UPON APPLICATION TO AND APPROVAL BY THE PLANNING COMMISSION.

EXECUTED THIS _____ DAY OF ______ A.D., 20___, BY:

STATE OF WYOMING)

CAMPBELL COUNTY)

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS ____ DAY OF ______, A.D. 20___, BY

, AS A FREE AND VOLUNTARY ACT AND DEED.

WITNESS MY HAND AND OFFICIAL SEAL.

NOTARY PUBLIC

MY COMMISSION EXPIRES:

CERTIFICATE OF APPROVAL BY THE CITY OF GILLETTE PLANNING COMMISSION

APPROVED BY THE CITY OF GILLETTE PLANNING COMMISSION THIS ___ DAY OF _____, A.D. 20___.

CHAIRMAN

SECRETARY

CERTIFICATE OF APPROVAL BY THE COUNTY CLERK AND RECORDER

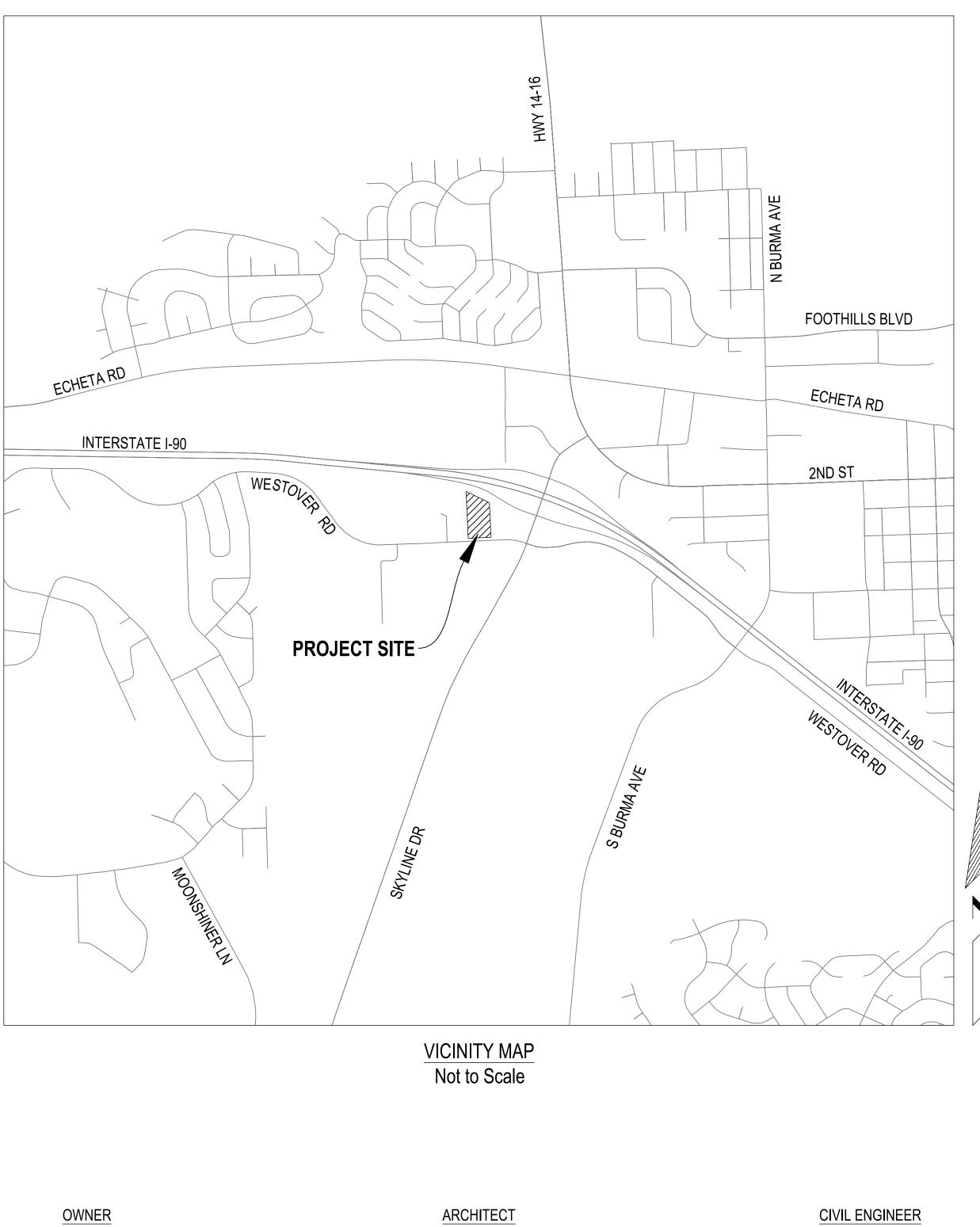
THIS PLAT WAS FILED FOR RECORD IN THE OFFICE OF THE CLERK AND RECORDER AT

_____ O'CLOCK __.M., THIS _____ DAY OF _____ 20___, AND IS DULY

RECORDED IN BLOCK NUMBER ______, PAGE NUMBER ______.

COUNTY CLERK

DEVELOPMENT PLAN HAMPTON INN & SUITES 82 UNIT, 4 STORY HOTEL GILLETTE, WYOMING



ZANFAR KHAN 240 N. 27TH STREET SPEARFISH, SD 57783

DAVID WOLTERSTORFF LIGHTOWLER JOHNSON ASSOCIATES 700 MAIN AVE FARGO, ND 58103

STEVAN G. DEWALD LIGHTOWLER JOHNSON ASSOCIATES 700 MAIN AVE FARGO, ND 58103

SITE STATISTICS

TOTAL SITE AREA : 160,826 SF (3.69 ACRES)

TOTAL IMPERVIOUS AREA: 76,408 SF (1.75 ACRES) = 47.5%
 TOTAL PERVIOUS AREA:
 84,418 SF (1.94 ACRES) = 52.5%

LEGAL:

LOTS 2A & 2B, BLOCK 1 OF WESTOVER HILLS SUBDIVISION PHASE I, CITY OF GILLETTE CAMPBELL COUNTY, WYOMING.

ZONING:

C-1: GENERAL COMMERCIAL

YARD REQUIREMENTS:

FRONT: 20 FEET SIDE: 5 FEET REAR: 15 FEET MAXIMUM BUILDING COVERAGE: NONE

MAXIMUM HEIGHT: 45 FEET

PARKING

ONE (1) SPACE FOR EACH SLEEPING OR LIVING UNIT

TOTAL SPACES REQUIRED: 82

TOTAL ADA SPACES REQUIRED: 4 (INCL. 1 VAN)

TOTAL SPACES PROVIDED: 82 TOTAL ADA SPACES PROVIDED: 5 (INCL. 1 VAN)

BENCHMARK 1:

SOUTHEAST FLANGE BOLT OF HYDRANT ON SOUTH SIDE OF WESTOVER ROAD, ACROSS FROM SITE ELEVATION: 4632.33

BENCHMARK 2:

TOP OF SOUTH END OF RETAINING WALL IN WESTERLY ADJACENT PROPERTY ELEVATION: 4637.27

BASIS OF BEARING:

THE SOUTHERLY LINE OF LOT 2, BLOCK 1, WESTOVER HILLS SUB PH I IS ASSUMED TO BEAR S89°06'28"W

SHEET INDEX

SHEET NO. C100 C200 C300

SHEET DESCRIPTION COVER SHEET SITE PLAN **GRADING PLAN**

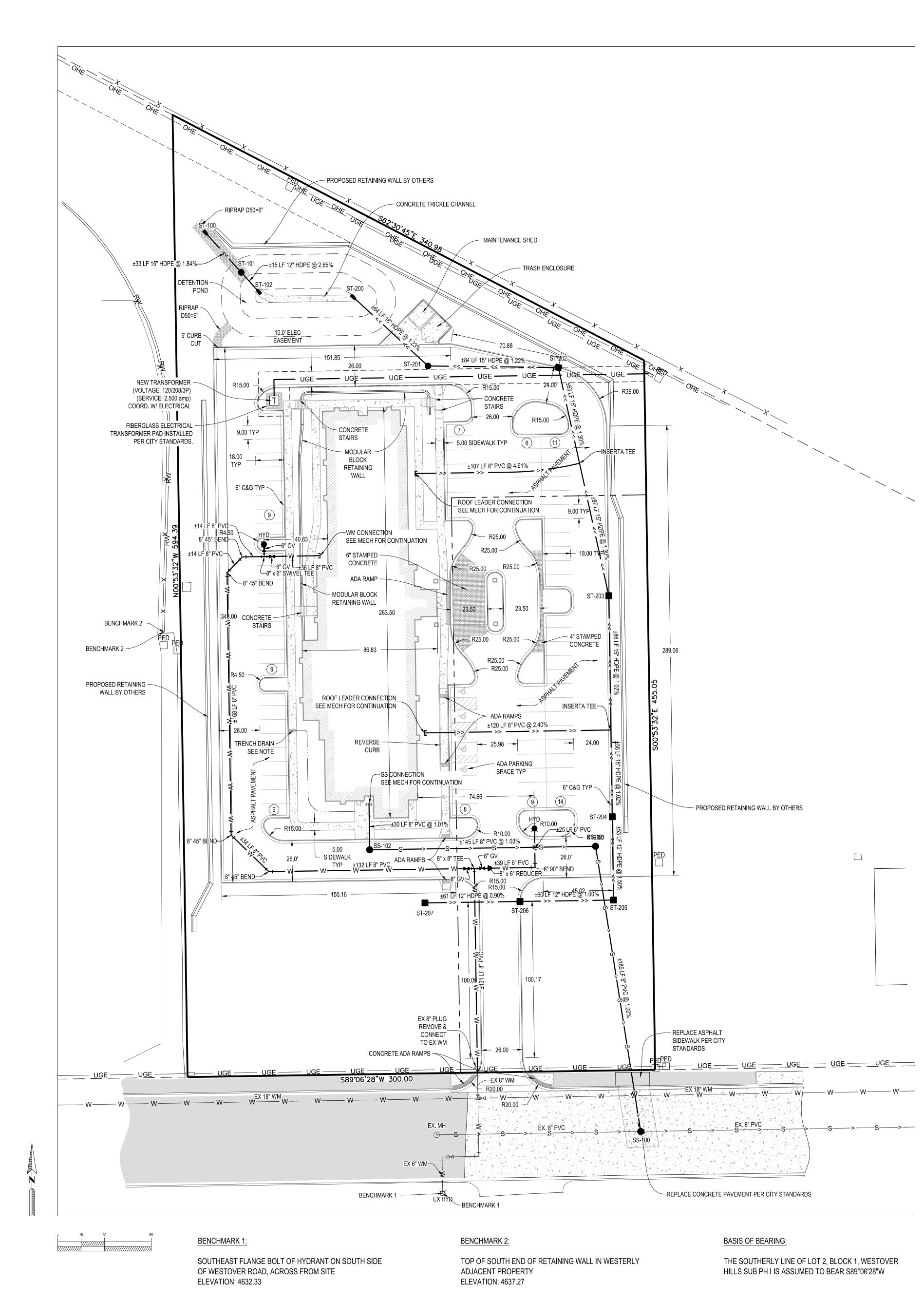


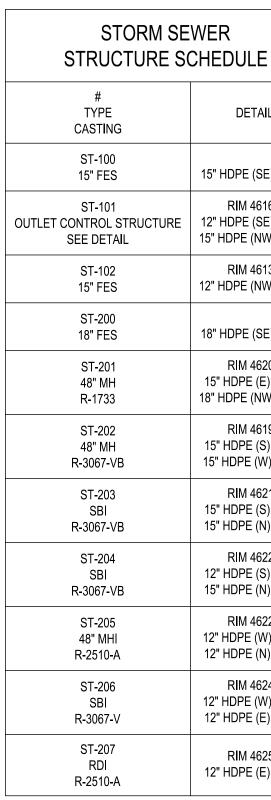
CALL BEFORE YOU DIG **ONE CALL - WYOMING** 1-800-849-2476 or 811





REVISIONS





SANITARY SEWER		
# TYPE	DETAILS	
SS-100 48" MH	RIM 4616.74 8" PVC (N) 4615.5 8" PVC (EX) (W) 461 8" PVC (EX) (E) 461	
SS-101 48" MH	RIM 4622.63 8" PVC (W) 4617.4 8" PVC (S) 4617.4	
SS-102 48" MH	RIM 4625.55 8" PVC (N) 4618.9 8" PVC (E) 4618.9	

SITE STATISTICS

TOTAL SITE AREA : 160,826 SF (3.69 ACRES)

TOTAL IMPERVIOUS AREA: 76,408 SF (1.75 ACRES) = 47.5% TOTAL PERVIOUS AREA:

LEGAL:

LOTS 2A & 2B, BLOCK 1 OF WESTOVER HILLS SUBDIVISION PHASE I, CITY OF GILLETTE, CAMPBELL COUNTY, WYOMING.

ZONING:

C-1: GENERAL COMMERCIAL

YARD REQUIREMENTS:

FRONT: 20 FEET SIDE: 5 FEET REAR: 15 FEET MAXIMUM BUILDING COVERAGE: NONE MAXIMUM HEIGHT: 45 FEET

PARKING:

ONE (1) SPACE FOR EACH SLEEPING OR LIVING UNIT

TOTAL SPACES REQUIRED: 82 TOTAL ADA SPACES REQUIRED: 4 (INCL. 1 VAN)

TOTAL SPACES PROVIDED: 82 TOTAL ADA SPACES PROVIDED: 5 (INCL. 1 VAN)

DETAILS

- 15" HDPE (SE) 4612.00
- RIM 4616.65 12" HDPE (SE) 4612.60
- 15" HDPE (NW) 4612.60 RIM 4613.00
- 12" HDPE (NW) 4613.00
- 18" HDPE (SE) 4613.50 RIM 4620.42
- 15" HDPE (E) 4614.28 18" HDPE (NW) 4614.28
- RIM 4619.52 15" HDPE (S) 4615.30 15" HDPE (W) 4615.30
- RIM 4621.46 15" HDPE (S) 4617.25
- 15" HDPE (N) 4617.25 RIM 4622.12
- 12" HDPE (S) 4618.70 15" HDPE (N) 4618.70 RIM 4622.50
- 12" HDPE (W) 4619.50 12" HDPE (N) 4619.50
- RIM 4624.85 12" HDPE (W) 4620.10 12" HDPE (E) 4620.10
- RIM 4625.06 12" HDPE (E) 4620.65
- DULE 615.45 615.45

- 84,418 SF (1.94 ACRES) = 52.5%

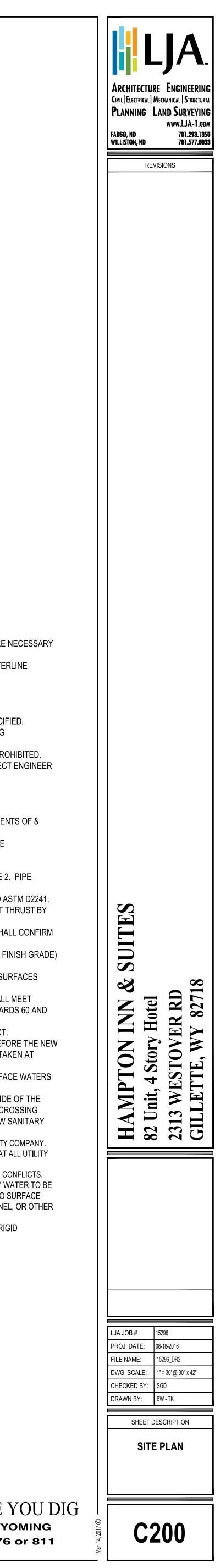
SITE PLAN NOTES

- 1. ALL PAVEMENT SECTION MATERIALS & INSTALLATION SHALL MEET THE REQUIREMENTS OF THE CITY OF
- GILLETTE STANDARD SPECIFICATIONS (LATEST EDITION). 2. AGGREGATE BASE COURSE SHALL MEET THE REQUIREMENTS OF THE CITY OF GILLETTE STANDARD
- SPECIFICATIONS (LATEST EDITION).
- 3. CONCRETE SHALL BE A BATCH PLANT MIX MEETING THE REQUIREMENTS OF THE CITY OF GILLETTE STANDARD SPECIFICATIONS (LATEST EDITION). MIN. 4000 PSI
- 4. ASPHALTIC CONCRETE SHALL BE A PLANT MIX MEETING THE REQUIREMENTS OF THE CITY OF GILLETTE STANDARD SPECIFICATIONS (LATEST EDITION).
- 5. PAINTED PARKING STRIPING SHALL BE 4" WIDE WHITE STRIPES & BE LOCATED AS SHOWN ON THE PLANS. ACCESSIBLE PARKING STRIPING SHALL BE PER LOCAL CODES. DIRECTIONAL STRIPING SHALL BE PAINTED WHITE. PAINT & ALL WORK SHALL BE IN ACCORDANCE WITH CITY OF GILLETTE STANDARD SPECIFICATIONS (LATEST EDITION).
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN TAKEOFF QUANTITIES.
- DIMENSIONS SHOWN ARE TO FACE OF CURB. ALL FACE OF CURB RADII ARE 5' UNLESS OTHERWISE SPECIFIED.
- RETAINING WALL DESIGN IS DEFERRED AT THIS TIME. PLANS WILL BE SUBMITTED AT A LATER DATE. 10. TRENCH DRAIN SHALL BE: NEENAH R-4990-AX TYPE D WITH CURB OPENING NEENAH R-3262-3 W/ 4" ID
- OUTLET, OR APPROVED EQUAL. 11. THE OWNER / ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE CITY FOR REQUIRED TRANSFORMER PAD MATERIALS & INSTALLATION TECHNIQUES TO BE IN ACCORDANCE WITH THE CITY OF
- GILLETTE STANDARD SPECIFICATIONS (LATEST EDITION). 12. THE CONTRACTOR SHALL PROVIDE A COMPACT TEST AT TRANSFORMER LOCATION. TEST RESULTS SHALL BE EITHER FAXED TO (307)686-6564 OR EMAILED TO THE CITY ELECTRICAL ENGINEER AT
- EEPROJECTS@GILLETTEWY.GOV. 13. THE CONTRACOTR SHALL PROVIDE & INSTALL REQUIRED GROUND ROD IN THE TRANSFORMER PAD
- FOOTPRINT PER CITY OF GILLETTE STANDARD SPECIFICATIONS (LATEST EDITION).
- 14. THE OWNER / CONTRACTOR SHALL PURCHASE & INSTALL METER SOCKET IN ENCLOSURE. THE METER SOCKET SHALL BE PURCHASED FROM THE CITY OF GILLETTE'S WAREHOUSE & SHALL MEET THE MINIMUM ENCLOSURE SIZE OF 36"x36"x8".
- 15. INSTALLATION OF CTs BY CONTRACTOR SHALL BE PROVIDED BY THE CITY OF GILLETTE'S WAREHOUSE. 16. THE CONTRACTOR SHALL TRENCH & INSTALL SCH 40 CONDUIT WITH GRC WHERE NEEDED PER CITY OF GILLETTE ELECTRICAL ENGINEERING STANDARD SPECIFICATIONS (LATEST EDITION). CONTRACTOR TO CONTACT & COORDINATE WITH THE CITY ELECTRICAL ENGINEERING FIELD INSPECTOR AT (307)687-2530
- 17. COST OF ALL PRIMARY / SECONDARY WIRE & CONNECTION COMPONENTS CITY TO INSTALL FROM JUNCTION BOX TO TRANSFORMER & INVOICE THE DEVELOPER.
- 18. ALL EQUIPMENT CLEARANCES SHALL MAINTAIN A MINIMUM 3-FT ON SIDES & BACK WITH 10-FT FRONT CLEARANCE.

UTILITY NOTES

- 1. LOCATIONS & TOP ELEVATIONS OF STRUCTURES MAY NEED TO BE ADJUSTED IN THE FIELD BY THE CONTRACTOR WHERE NECESSARY & SHALL BE APPROVED BY THE ENGINEER.
- 2. A MINIMUM OF 5 FEET HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN UTILITY CONDUIT CROSSOVER & WATERLINE APPURTENANCES, I.E., HYDRANTS, VALVES, TEES, ETC.
- 3. CONSTRUCTION OF THE SANITARY SEWER SYSTEM & CONNECTION TO THE EXISTING SEWER SYSTEM SHALL MEET THE REQUIREMENTS OF & SHALL BE INSTALLED UNDER THE DIRECTION OF THE CITY OF GILLETTE. 4. SANITARY SEWER MAINS SHALL HAVE A MANDREL PULLED TO CHECK FOR CRUSH.
- 5. PVC SANITARY SEWER PIPE SHALL MEET THE REQUIREMENTS OF ASTM D3034, LATEST REVISION (SDR-35) IN SIZES SPECIFIED. 6. CONTRACTOR SHALL CONFIRM LOCATION & INVERT ELEVATION OF SEWER TIE-IN POINT PRIOR TO ANY SITE OR BUILDING CONSTRUCTION.
- ROOF DRAINS, FOUNDATION DRAINS OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED. 8. ALL SANITARY SEWER LINES SHALL BE TELEVISED AND THE REPORT SHALL BE SUBMITTED TO THE CITY AND THE PROJECT ENGINEER BEFORE THE FINAL INSPECTION WILL BE COMPLETED.
- 9. ALL WATER LINES SHALL BE PRESSURE TESTED AT 150 PSI FOR TWO HOURS.
- 10. ALL PVC WATER LINES SHALL HAVE TRACER WIRE INSTALLED ALONG SIDE WATER MAIN.
- 11. THE MINIMUM DEPTH OF BURY FOR THE WATER MAIN SHALL BE 6 FEET MEASURED FROM THE TOP OF THE PIPE. 12. CONSTRUCTION OF THE WATER SYSTEM & CONNECTION TO THE EXISTING WATER SYSTEM SHALL MEET THE REQUIREMENTS OF &
- SHALL BE INSTALLED UNDER THE DIRECTION OF THE JURISDICTION. 13. INSTALLATION OF THE PRIVATE FIRE SERVICE MAINS & APPURTENANCES SHALL BE IN ACCORDANCE WITH NFPA 24 & THE
- REQUIREMENTS OF THE CITY OF GILLETTE FIRE JURISDICTION.
- 14. COPPER WATER PIPE & FITTINGS SHALL BE TYPE "K" COPPER.
- 15. DUCTILE IRON WATER PIPE & FITTINGS SHALL BE CLASS 350, AS SPECIFIED BY AWWA C150 FOR LAYING CONDITION TYPE 2. PIPE JOINTS & FITTINGS SHALL BE RESTRAINED. 16. PVC WATER PIPE & FITTINGS LESS THAN 4" SHALL BE CLASS 200 WITH DIMENSION RATIO 21 OR LOWER CONFORMING TO ASTM D2241
- 17. PVC WATER PIPE & FITTINGS 4" & LARGER SHALL MEET AWWA C-900. PIPE JOINTS & FITTINGS SHALL BE BUILT TO RESIST THRUST BY TRUST BLOCKING OR ADEQUATE RESTRAINT APPROVED BY THE PROJECT ENGINEER.
- 18. WATER METERS, BOXES, VAULTS & BFP'S SHALL MEET ALL REQUIREMENTS OF THE UTILITY COMPANY. CONTRACTOR SHALL CONFIRM ALL ITEMS AGAINST CURRENT LIST OF APPROVED DEVICES PRIOR TO ORDERING.
- 19. WATER WORK SHALL NOT BEGIN UNTIL AREAS OF WATERLINE CONSTRUCTION ARE ROUGH GRADED (WITHIN 1 FOOT OF FINISH GRADE) & FILL AREAS ARE COMPLETED & COMPACTED. 20. ALL PIPE & APPURTENANCES INSTALLED ON A DEPRESSURIZED WATER MAIN ARE TO BE WIPED CLEAN & ALL INTERIOR SURFACES
- SATURATED WITH A MINIMUM 1% CHLORINE SOLUTION. 21. ALL PRODUCTS THAT MAY COME INTO CONTACT WITH THE WATER INTENDED FOR USE IN A PUBLIC WATER SYSTEM SHALL MEET
- AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) / NATIONAL SANITATION FOUNDATION (NSF) INTERNATIONAL STANDARDS 60 AND 61, AS APPROPRIATE. A PRODUCT WILL BE CONSIDERED AS MEETING THESE STANDARDS IF SO CERTIFIED BY NSF, THE UNDERWRITERS LABORATORIES, OR OTHER ORGANIZATION ACCREDITED BY ANSI TO TEST AND CERTIFY EACH PRODUCT. 22. INSTALLED PIPE SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA STANDARD C651. AFTER FINAL FLUSHING AND BEFORE THE NEW
- WATER MAIN IS CONNECTED TO THE DISTRIBUTION SYSTEM, TWO SETS OF ACCEPTABLE BACTERIOLOGICAL SAMPLES. TAKEN AT LEAST 24 HOURS APART, SHALL BE COLLECTED FROM THE NEW MAIN. 23. CHLORINATED DISINFECTION WATER SHALL NOT BE DISCHARGED DIRECTLY INTO A STORM DRAINAGE SYSTEM OR SURFACE WATERS
- WITHOUT THE PRIOR USE OF APPROPRIATE DE-CHLORINATION METHODS. 24. WATER LINE CROSSING ANY & ALL SEWERS SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18" BETWEEN THE OUTSIDE OF THE WATER MAIN PIPE & THE SEWER PIPE. ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED AT THE POINT OF CROSSING SUCH THAT BOTH JOINTS WILL BE EQUAL DISTANT & AS FAR FROM THE SEWER AS POSSIBLE, IF WATER CROSSES BELOW SANITARY
- SEWERS, THE SEWER MUST BE WATER MAIN MATERIAL FOR THAT SPAN. 25. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF UNDERGROUND UTILITIES BY THE APPROPRIATE UTILITY COMPANY. 26. PROPER COORDINATION WITH THE RESPECTIVE UTILITY COMPANIES SHALL BE PERFORMED BY THE CONTRACTOR TO INSURE THAT ALL UTILITY
- COMPANY STANDARDS FOR MATERIAL & METHODS ARE MET, 27. THE GENERAL CONTRACTOR SHALL OVERSEE INSTALLATION OF UTILITIES & COORDINATE WITH ALL SUBCONTRACTORS TO AVOID CONFLICTS.
- 28. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING AS NECESSARY TO MEET REQUIRED EXCAVATIONS & GRADES. MUDDY WATER TO BE PUMPED FROM EXCAVATION & WORK AREAS MUST BE HELD IN SETTLING BASINS OR FILTERED PRIOR TO ITS DISCHARGE INTO SURFACE WATERS OR STORM DRAINAGE SYSTEMS. WATER MUST BE DISCHARGED THROUGH A PIPE, WELL GRASSED OR LINED CHANNEL, OR OTHER EQUIVALENT MEANS SUCH THAT DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENTATION.
- 29. SANITARY SEWER WITH LESS THAN 6 FEET OF COVER (MEASURED TO TOP OF PIPE) SHALL HAVE 4 INCH THICK. 4 FEET WIDE RIGID INSULATION PLACED ±1 FOOT ABOVE TOP OF PIPE.





GRADING & DRAINAGE NOTES

- 1. LOCATIONS AND TOP ELEVATIONS OF INLETS & STRUCTURES WILL BE ADJUSTED IN THE FIELD BY THE CONTRACTOR WHERE NECESSARY & SHALL BE APPROVED BY THE ENGINEER.
- 2. ALL LANDSCAPE ISLANDS SHALL BE GRADED TO DRAIN OVER CURBS. 3. IF UNSUITABLE SUBGRADE MATERIALS ARE ENCOUNTERED, THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL & REPLACEMENT (FROM OFF-SITE BORROW MATERIAL) OF ALL UNSUITABLE MATERIAL TO MEET COMPACTION REQUIREMENTS UNDER PAVED SURFACES. UNSUITABLE MATERIALS ARE THOSE CLASSIFIED AS MH, CH, OH, OL & PEAT IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM, UNLESS APPROVED IN WRITING BY THE PROJECT GEOTECHNICAL ENGINEER. THE SITE ENGINEER & GEOTECHNICAL ENGINEER, SHALL BE NOTIFIED IMMEDIATELY UPON ENCOUNTERING UNSUITABLE SUBGRADE MATERIAL.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATIONS & GRADING INCLUDING FURNISHING OFF-SITE BORROW AS REQUIRED TO MEET PLAN GRADES. OFF-SITE BORROW SHALL MEET ALL REQUIREMENTS OF THE PROJECT GEOTECHNICAL REPORT.
- 5. CONTRACTOR SHALL UNIFORMLY GRADE BEHIND CURBS TO MATCH EXISTING GRADES AT PROPERTY LINES.
- 6. GRADE TO ENSURE POSITIVE DRAINAGE. ALL FINISHED SURFACES SHALL BE FREE FROM SURFACE IRREGULARITIES.
- 7. COMPACTION REQUIREMENTS ARE AS FOLLOWS A. SUBGRADES UNDER PAVED AREAS & STRUCTURES 95 PERCENT STANDARD (ASTM D698) 6 INCHES B. UNPAVED AREAS TO BE GRASSED OR LANDSCAPED 90 PERCENT STANDARD (ASTM D698) FULL DEPTH OF FILL.
- COMPACTION TESTING SHALL BE PROVIDED BY CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN TAKEOFF QUANTITIES.
- 10. ALL SIDEWALK ELEVATIONS ADJACENT TO BUILDING ENTRANCES SHALL BE 0.04' BELOW FFE UNLESS OTHERWISE SPECIFIED.
- 11. ALL FINISHED GRADE ELEVATIONS ADJACENT TO BUILDING SHALL BE 1.0' BELOW FFE UNLESS
- OTHERWISE SPECIFIED. 12. THE CONTRACTOR SHALL BE AWARE OF THE EXISTING 3-PHASE PRIMARY LINES RUNNING ALONG ALL
- SIDES OF THE LOT & THE CONTRACTOR SHALL CALL FOR UTILITY LOCATES PRIOR TO ALTERING THE EXISTING GRADE OF THE SITE.
- 13. THE CONTRACTOR SHALL MAINTAIN 48" OF COVER ALONG ALL AREAS WHERE EXISTING 3-PHASE PRIMARY LINES ARE LOCATED. PLEASE CONTACT LORI KING WITH THE CITY OF GILLETTE ELECTRICAL ENGINEERING AT (301)686-5277 ON ANY GRADE CHANGES OF 6" OR MORE OCCUR ALONG THESE AREAS.

BENCHMARK 1

SOUTHEAST FLANGE BOLT OF HYDRANT ON SOUTH SIDE OF WESTOVER ROAD, ACROSS FROM SITE ELEVATION: 4632.33

BENCHMARK 2:

TOP OF SOUTH END OF RETAINING WALL IN WESTERLY ADJACENT PROPERTY ELEVATION: 4637.27

BASIS OF BEARING:

 \longrightarrow

THE SOUTHERLY LINE OF LOT 2, BLOCK 1, WESTOVER HILLS SUB PH I IS ASSUMED TO BEAR S89°06'28"W

	GRADING LEGEND
ΜE	MATCH EXISTING
G	FINISH GRADE
٦L	FLOWLINE
ΓW	TOP OF WALL
3W	BOTTOM OF WALL

* FOR ALL ELEVATIONS GREATER THAN 4600,

ADD 4600 TO GRADING LABEL ELEVATION

PROPOSED DRAINAGE DIRECTION

EROSION CONTROL NOTE

THIS PLAN PROVIDES SOME BUT NOT ALL CONTRACTOR SHALL APPLY FOR AND SECURE IMPLEMENT AND MAINTAIN A STORM WATER PROJECT INCLUDING TEMPORARY EROSION CONTROL MEASURES.

-20.38FL

3 50INV 4

-20.23FL

-20.31FL

21.02F

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-19.20FL -19.16FL

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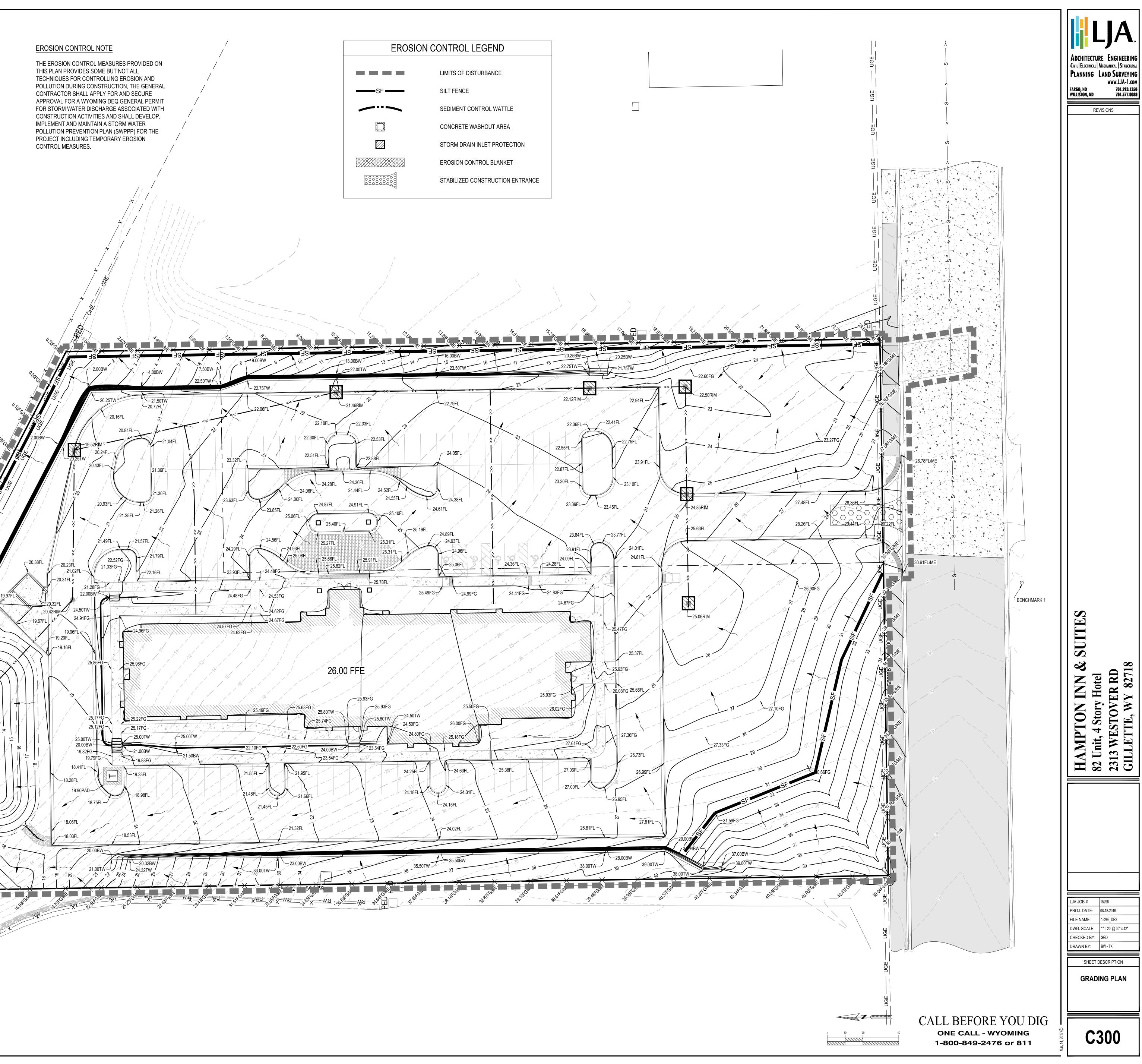
20.00BW

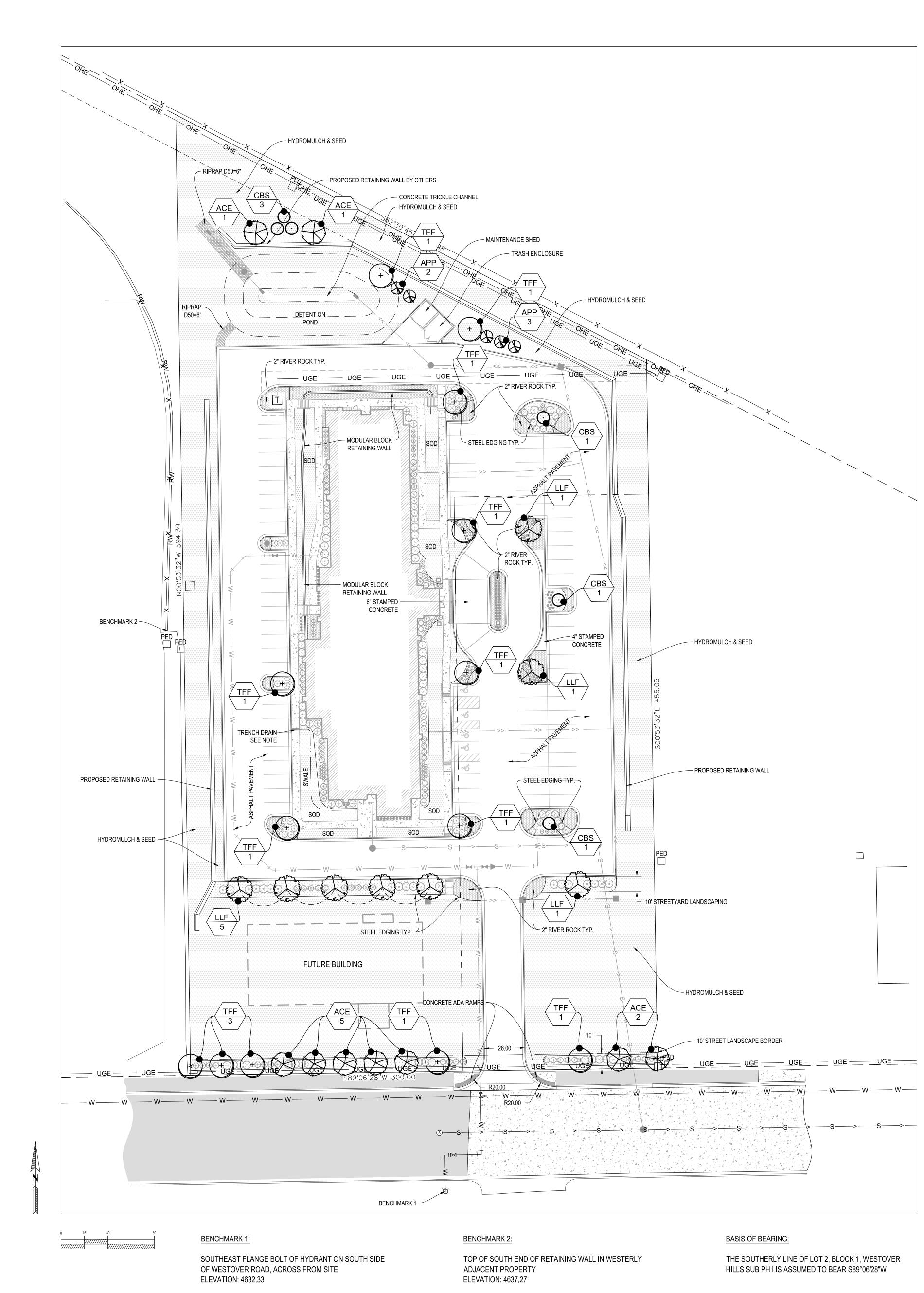
19.82FG

18.41FL-

19.90PAD

18.28FL





SITE STATISTICS

TOTAL SITE AREA : 160,826 SF (3.69 ACRES) TOTAL IMPERVIOUS AREA: 76,408 SF (

LEGAL:

ZONING:

YARD REQUIREMENTS:

PARKING:

BENCHMARK 1:

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BASIS OF BEARING:

THE SOUTHERLY LINE OF LOT 2, BLOCK 1, WESTOVER HILLS SUB PH I IS ASSUMED TO BEAR S89°06'28"W

PLANT SCHEDULE:

DECIDUOUS TREES: ACE Ulmus 'Morton' Accolade LLF Tilia cordata TFF Corylus colurna

EVERGREEN TREES:

APP Pinus nigra CBS Picea pungens 'Glauca'

MINIMUM TREE SIZES: EVERGREEN TREES: MINIMUM 5' HEIGHT

LANDSCAPE NOTES:

- 1. THERE IS NO EXISTING TREES AND NO EXISTING LANDSCAPE MATERIAL ON SITE TO BE SAVED.
- 2. CHANGES TO APPROVED PLANS SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF OWNER & LANDSCAPE ARCHITECT.
- 3. CHANGES TO APPROVED PLANS ON PUBLIC PROPERTY SHALL NOT BE MADE WITHOUT APPROVAL FROM THE CITY OF GILLETTE, WY.
- ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE HORIZONTAL DIMENSIONS.
- SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
- 2" RIVER ROCK, COLOR SHALL BE VERIFIED PRIOR TO INSTALLATION AND SHALL HAVE WEED BARRIER FABRIC INSTALLED BENEATH ROCK. NO PLANTINGS OVER 36" MAY BE PLANTED WITHIN CLEAR SIGHT TRIANGLES. 6
- 7. LANDSCAPE PLANTING MUST COVER 85% OF THE LANDSCAPE AREA WITHIN 8-YEARS
- 8. ALL TREES ARE DISPLAYED AT MATURE SIZE.
- DESIGNEE.
- 10. ALL LANDSCAPE PLANTING TO BE IRRIGATED USING DRIP IRRIGATION

SOD/SEED
MULCH
2" RIVER ROCK
SANITARY MANHO
SANITARY CLEAN
SANITARY SEWER
STORM MANHOLE
STORM CATCH BA
STORM SEWER
HYDRANT
GATE VALVE
WATERLINE ELBC
WATER

SITE STATISTICS	LANDSCAPE REQUIREMENTS:
<u>FOTAL SITE AREA :</u> 160,826 SF (3.69 ACRES)	STREET LANDSCAPE BORDER:
<u>TOTAL IMPERVIOUS AREA:</u> 76,408 SF (1.75 ACRES) = 47.5% <u>TOTAL PERVIOUS AREA:</u> 84,418 SF (1.94 ACRES) = 52.5%	REQUIREMENT: SMALLER OF 10 FEET OR 10% OF THE DEPTH OF THE LOT (10' WIDTH) ONE DECIDUOUS TREE AND FIVE SHRUBS PER 500 SF OF REQUIRED AREA 300 LF X 10 LF = 3,000 SF
EGAL:	3,000 SF / 500 SF = 6 UNITS REQUIRED = 6 TREES
LOTS 2A & 2B, BLOCK 1 OF WESTOVER HILLS SUBDIVISION PHASE I, CITY OF GILLETTE,	PROVIDED = 6 TREES REQUIRED = 30 SHRUBS
CAMPBELL COUNTY, WYOMING.	PROVIDED = 30 SHRUBS
ZONING:	FIRST 100 LF OF STREETYARD LANDSCAPING:
C-1: GENERAL COMMERCIAL	REQUIREMENT: ONE DECIDUOUS TREE AND FIVE SHRUBS PER 1,000 SF OF REQUIRED AREA 300 LF X 25 LF = 7,500 SF 7,500 SE (1000 = 7,5 LINITO)
YARD REQUIREMENTS:	7,500 SF / 1000 = 7.5 UNITS REQUIRED = 8 TREES PROVIDED = 8 TREES
FRONT: 20 FEET SIDE: 5 FEET	REQUIRED = 38 SHRUBS PROVIDED = 38 SHRUBS
REAR: 15 FEET	FROVIDED - 30 SHRUBS
MAXIMUM BUILDING COVERAGE: NONE MAXIMUM HEIGHT: 45 FEET	<u>COLLECTOR ROW:</u> REQUIREMENT: ONE TREE FOR EVERY 50 LF OF ROW
PARKING:	300 LF / 50 LF = 6 UNITS REQUIRED = 6 TREES
ONE (1) SPACE FOR EACH SLEEPING OR LIVING UNIT	PROVIDED = 6 TREES
TOTAL SPACES REQUIRED: 82 TOTAL ADA SPACES REQUIRED: 4 (INCL. 1 VAN)	<u>PARKING LOT INTERIOR LANDSCAPING:</u> REQUIREMENT: ONE DECIDUOUS TREE FOR EACH PARKING SPACES WITHIN THE LOT 5% OF THE PAVED AREA SHALL BE LANDSCAPED
TOTAL SPACES PROVIDED: 82	82 PARKING SPACES / 20 PARKING SPACES = 4.1 UNITS REQUIRED = 5 TREES
TOTAL ADA SPACES PROVIDED: 5 (INCL. 1 VAN)	PROVIDED = 16 TREES
BENCHMARK 1:	TOTAL PAVED AREA = 51,323 SF X 5% = 2,566 SF REQUIRED = 2,566 SF
SOUTHEAST FLANGE BOLT OF HYDRANT ON SOUTH SIDE OF WESTOVER ROAD, ACROSS FROM SITE	PROVIDED = 4,630 SF

ACCOLADE ELM LITTLE LEAF LINDEN	9 TOTAL 8 TOTAL	SHADE TREE SHADE TREE
TURKISH FILBERT	13 TOTAL	SHADE TREE
AUSTRIAN PINE	5 TOTAL	EVERGREEN TREE
COLORADO BLUE SPRUCE	6 TOTAL	EVERGREEN TREE

SHADE TREES: 21-1/2" CALIPER MEASURED 6 INCHES ABOVE THE GROUND

CONTRACTOR SHALL BE RESPONSIBLE FOR HIS/HER OWN TAKEOFF QUANTITIES.

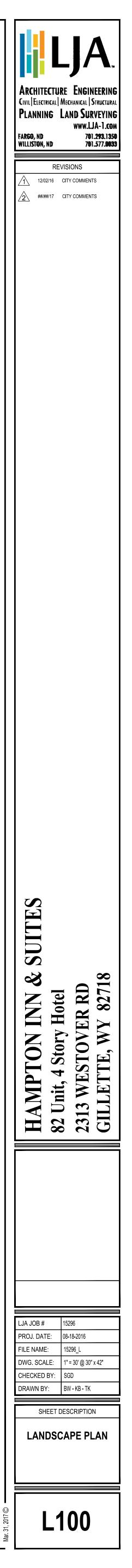
9. STREET TREE INSTALLATION SHALL BE COORDINATED WITH THE PUBLIC WORKS

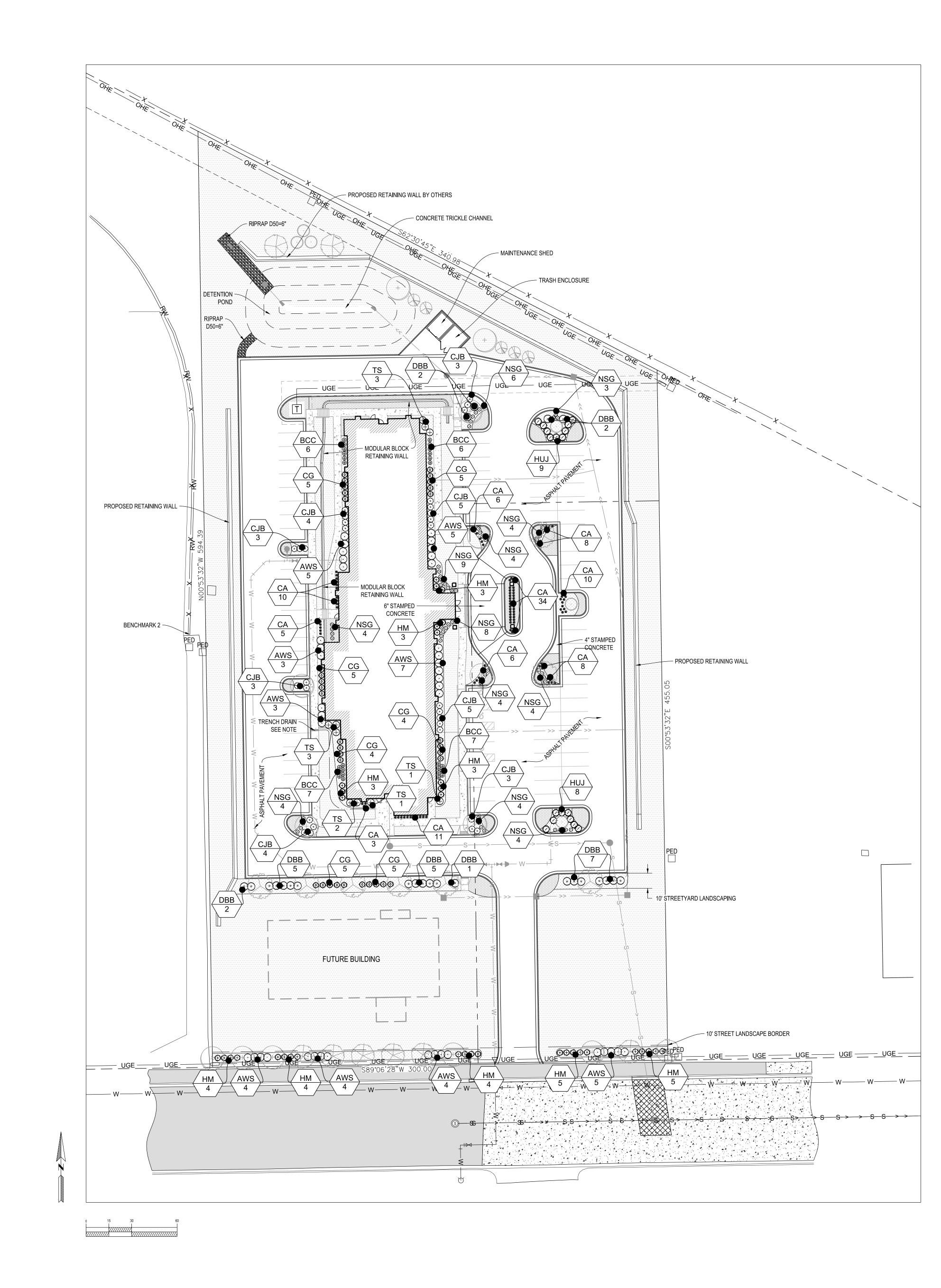
IOLE JOUT

BASIN

BOWS







PLANT SCHEDULE:

DECIDUOUS SHRUBS: AWS Spiraea x bumalda 'Anthony BCC Potentilla fruticosa CJB Berberis thunbergii 'Crimson Pygmy' DBB Euonymus alatus 'Compactus' TS Rhus typhina 'Bailtiger' EVERGREEN SHRUBS: CG Buxus x 'Glencoe' HM Thuja occidentalis 'Hetz Midget' HUJ Juniperus horizontalis 'Hughes'

PERENNIALS: CA Calamagrostis x acutiflora 'Karl Foerster' NSG Panicum virgatum 'Northwind'

MINIMUM PLANT SIZES: SHRUBS SHALL BE #5 GAL (MINIMUM 15" ABOVE GROUND) PERENNIALS SHALL BE #1 GAL

LANDSCAPE NOTES:

- 1. THERE IS NO EXISTING TREES AND NO EXISTING LANDSCAPE MATERIAL ON SITE TO BE SAVED.
- 2. CHANGES TO APPROVED PLANS SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF OWNER & LANDSCAPE ARCHITECT.
- 3. CHANGES TO APPROVED PLANS ON PUBLIC PROPERTY SHALL NOT BE MADE
- CONTRACTOR SHALL BE RESPONSIBLE FOR HIS/HER OWN TAKEOFF QUANTITIES.
- ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE HORIZONTAL DIMENSIONS.
- SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
- HAVE WEED BARRIER FABRIC INSTALLED BENEATH ROCK. 6.
- 7. LANDSCAPE PLANTING MUST COVER 85% OF THE LANDSCAPE AREA WITHIN 8-YEARS
- 8. ALL TREES ARE DISPLAYED AT MATURE SIZE.
- DESIGNEE.
- 10. ALL LANDSCAPE PLANTING TO BE IRRIGATED USING DRIP IRRIGATION

	SOD/SEED
	MULCH
	2" RIVER ROCK
	SANITARY MANHOL
	SANITARY CLEANO
S>	SANITARY SEWER
	STORM MANHOLE
	STORM CATCH BAS
>>	STORM SEWER
	HYDRANT
	GATE VALVE
X+ ++ ++	WATERLINE ELBOW
W	WATER

ANTHONY WATERER SPIREA	40 TOTAL	FLOWERING SHRUB
BRUSH CINQUEFOIL	26 TOTAL	FLOWERING SHRUB
CRIMSON PYGMY DWARF JAP. BAR.	30 TOTAL	SHRUB
DWARF BURNING BUSH	24 TOTAL	SHRUB
TIGER EYE STAGHORN SUMAC	10 TOTAL	SHRUB
CHICAGOLAND GREEN BOXWOOD	33 TOTAL	EVERGREEN SHRUB
HETZ MIDGET ARBORVITAE	34 TOTAL	EVERGREEN SHRUB
HUGHES JUNIPER	17 TOTAL	EVERGREEN SHRUB
FORSTER'S FEATHER REED GRASS	101 TOTAL	ORNAMENTAL GRASS
NORTHWIND SWITCH GRASS	58 TOTAL	ORNAMENTAL GRASS

WITHOUT APPROVAL FROM THE CITY OF GILLETTE, WY.

2" RIVER ROCK, COLOR SHALL BE VERIFIED PRIOR TO INSTALLATION AND SHALL

NO PLANTINGS OVER 36" MAY BE PLANTED WITHIN CLEAR SIGHT TRIANGLES.

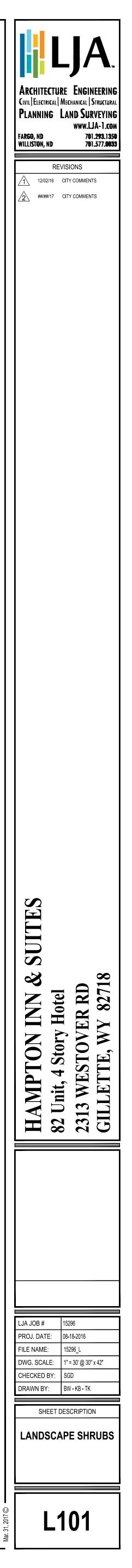
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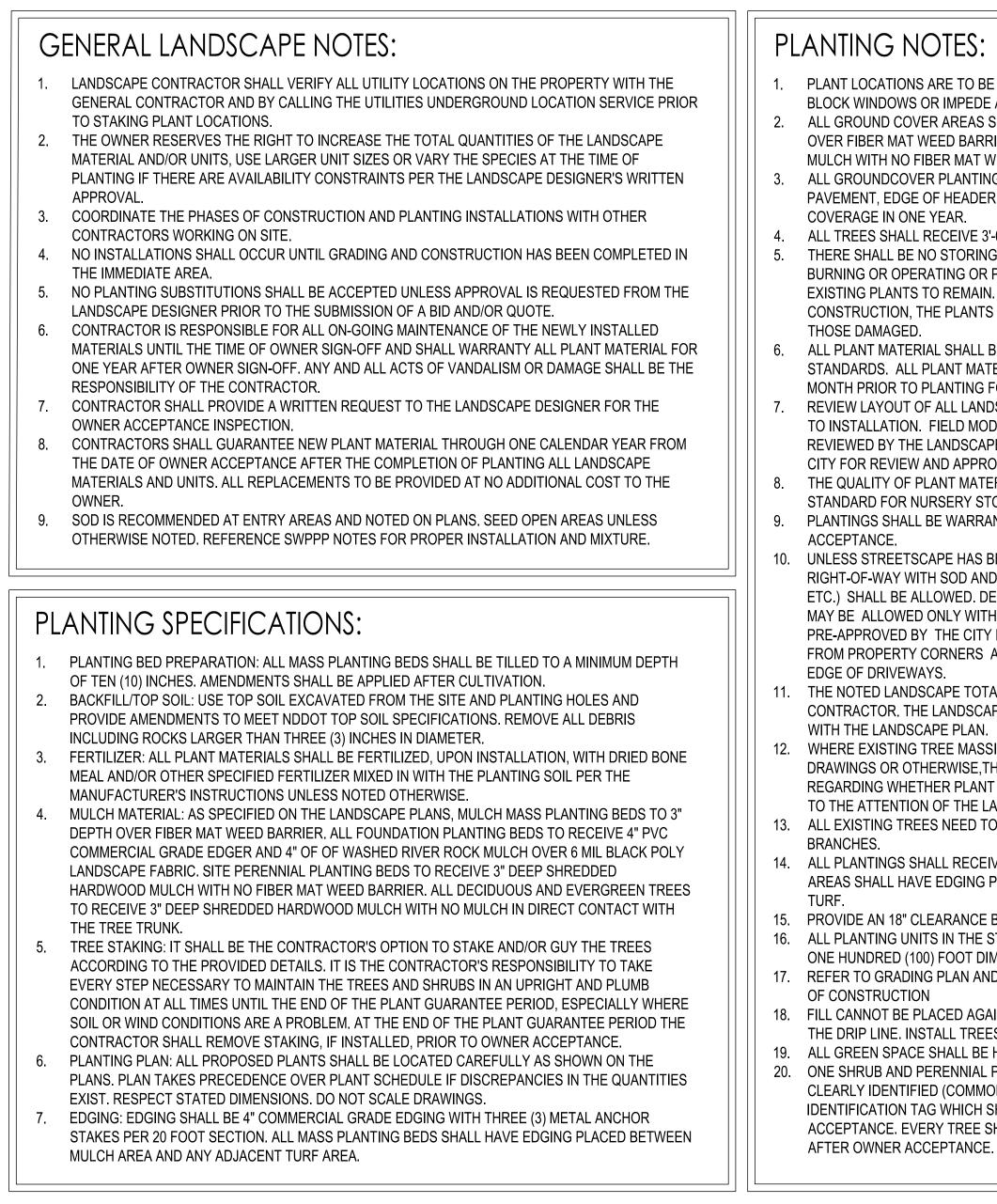
HOLE NOUT

BASIN

BOWS







PLANT LOCATIONS ARE TO BE ADJUSTED AS NECESSARY TO SCREEN UTILITIES BUT NOT **BLOCK WINDOWS OR IMPEDE ACCESS**

2. ALL GROUND COVER AREAS SHALL BE TOP-DRESSED WITH A 2" LAYER OF BARK MULCH OVER FIBER MAT WEED BARRIER. ALL PERENNIAL PLANTING BEDS TO RECEIVE 2" OF MULCH WITH NO FIBER MAT WEED BARRIER. ALL TREES ARE TO BE STAKED PER DETAIL. ALL GROUNDCOVER PLANTINGS WILL BE PLACED NO FARTHER THAN 6" FROM EDGE OF PAVEMENT, EDGE OF HEADER OR BACK OF CURB. SPACING SHALL ENSURE FULL

ALL TREES SHALL RECEIVE 3'-0" DIAMETER MULCH RING, UNLESS OTHERWISE NOTED. THERE SHALL BE NO STORING OF MATERIAL OR EQUIPMENT, PERMITTING OF ANY BURNING OR OPERATING OR PARKING OF EQUIPMENT UNDER BRANCHES OF ANY EXISTING PLANTS TO REMAIN. IF EXISTING PLANTS TO REMAIN ARE DAMAGED DURING CONSTRUCTION, THE PLANTS SHALL BE REPLACED WITH THE SAME SPECIES AN SIZE AS

6. ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK AND MEET ANSI Z60.1 STANDARDS. ALL PLANT MATERIALS SHALL BE TAGGED AT THE NURSERY AT LEAST 1 MONTH PRIOR TO PLANTING FOR THE LANDSCAPE DESIGNER'S REVIEW. REVIEW LAYOUT OF ALL LANDSCAPE ELEMENTS WITH THE LANDSCAPE DESIGNER PRIOR TO INSTALLATION. FIELD MODIFICATIONS MAY BE NECESSARY. FINAL LAYOUT TO BE

REVIEWED BY THE LANDSCAPE ARCHITECT. ANY CHANGES MUST BE SUBMITED TO THE CITY FOR REVIEW AND APPROVAL 8. THE QUALITY OF PLANT MATERIAL SHALL FOLLOW THE GUIDELINES OF THE AMERICAN

STANDARD FOR NURSERY STOCK. 9. PLANTINGS SHALL BE WARRANTED (FOR REPLACEMENT) FOR ONE YEAR AFTER FINAL

10. UNLESS STREETSCAPE HAS BEEN APPROVED, THE DEVELOPER SHALL LANDSCAPE ALL RIGHT-OF-WAY WITH SOD AND TREES. NO LOOSE MATERIAL (I.E., ROCK, BARK, GRAVEL, ETC.) SHALL BE ALLOWED. DECORATIVE CONCRETE OR LOW GROWING PLANT MATERIAL MAY BE ALLOWED ONLY WITH THE SPECIFIC APPROVAL OF DESIGNER. TREES SHALL BE PRE-APPROVED BY THE CITY FORESTER'S OFFICE AND SHALL BE A MINIMUM OF 25' FROM PROPERTY CORNERS AT INTERSECTIONS, 25' FROM STREET LIGHTS AND 10' FROM

11. THE NOTED LANDSCAPE TOTALS ARE GIVEN AS A CONVENIENCE TO THE LANDSCAPE CONTRACTOR. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING COUNTS

12. WHERE EXISTING TREE MASSINGS ARE FOUND ON SITE, WHETHER SHOWN ON DRAWINGS OR OTHERWISE, THEY SHALL BE PROTECTED AND SAVED. ANY QUESTION REGARDING WHETHER PLANT MATERIAL SHOULD REMAIN OR NOT SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE DESIGNER PRIOR TO REMOVAL. 13. ALL EXISTING TREES NEED TO BE PRUNED TO REMOVE DEAD WOOD AND ANY DAMAGED

14. ALL PLANTINGS SHALL RECEIVE COMMERCIAL GRADE EDGING. ALL MASS PLANTING AREAS SHALL HAVE EDGING PLACED BETWEEN THE MULCHED AREA AND ANY ADJACENT

15. PROVIDE AN 18" CLEARANCE BETWEEN THE BUFFER PLANTINGS AND THE FENCE LINE 16. ALL PLANTING UNITS IN THE STREET FRONTAGE AND BUFFER YARDS ARE BASED OFF ONE HUNDRED (100) FOOT DIMENSIONS UNLESS NOTED OTHERWISE.

17. REFER TO GRADING PLAN AND SWPPP PLAN FOR LOCATION OF SILT FENCE AND LIMITS 18. FILL CANNOT BE PLACED AGAINST THE TRUNK OF THE TREE, ROOT CROWN OR UNDER

THE DRIP LINE. INSTALL TREES PER PLANTING DETAILS. ALL GREEN SPACE SHALL BE HYDROSEEDED UNLESS NOTED OTHERWISE.

20. ONE SHRUB AND PERENNIAL PER TYPE AND SIZE IN EACH PLANTING BED SHALL BE CLEARLY IDENTIFIED (COMMON OR LATIN NOMENCLATURE) WITH A PLASTIC IDENTIFICATION TAG WHICH SHALL NOT BE REMOVED UNTIL AFTER OWNER

ACCEPTANCE. EVERY TREE SHALL BE IDENTIFIED AND SHALL NOT BE REMOVED UNTIL

