

NORTH FOREST CAMPUS PERIMETER FENCE AND DRAINAGE IMPROVEMENTS

6010 LITTLE YORK ROAD HOUSTON, TX 77016

TABS2020010473 ISSUED FOR CONSTRUCTION

JANUARY 28, 2020

HOUSTON COMMUNITY COLLEGE

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HENDERSON + ROGERS, INC. 2603 Augusta Dr #800, Houston, TX 77057 STRUCTURAL ENGINEER

INFRASTRUCTURE 6117 RICHMOND AVENUE, SUTE 200, HOUSTON, TX 77057 MEP ENGINEER

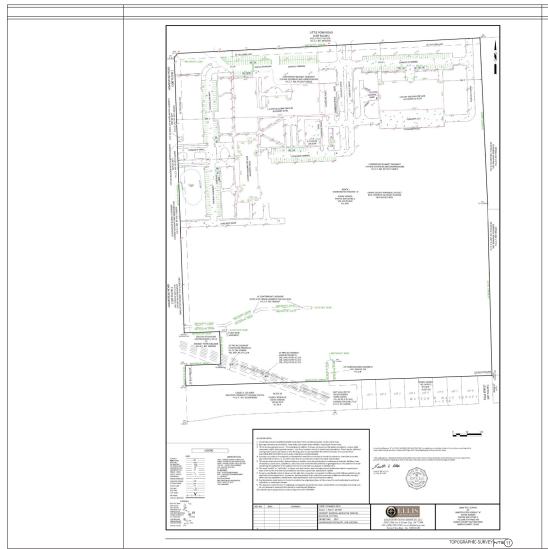
FERGUSON CONSULTING 37602 TOURNAMENT LANE, MAGNOLIA, TEXAS 77355 TELECOMMUNICATIONS & SECURITY

M2L ASSOCIATES INC. LANDSCAPE ARCHITECT SHEET INDEX

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PROJECT INFORMATION

ADDRESS:

6010 HOMESTEAD ROAD AT LITTLE YORK HOUSTON, TX 77016

PROJECT DESCRIPTION

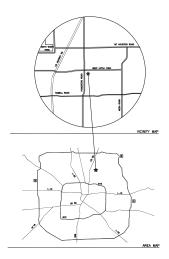
SITE PERIMETER FENCE ON EXISTING CAMPUS IMPROVEMENTS TO EXISTING SITE STORM DRAINAGE SYSTEM

12.08 ACRES 526,456 G.S.F. 43.32 ACRES 1,886,792 G.S.F.

APPLICABLE CODES

BUILDING CODE ELECTRIC CODE FIRE CODE ACCESSIBILITY SIGN CODE 2012 IBC WITH HOUSTON AMENDMENTS 2017 NATIONAL ELECTRICAL CODE 2012 IFC WITH HOUSTON AMENDMENTS 2012 TEXAS ACCESSIBILITY STANDARDS COH SIGN CODE

GOVERNING GUIDELINES: HOUSTON COMMUNITY COLLEGE (HCC) DESIGN STAN



HCC





G0.01

ACCOUNTS OF THE PROPERTY OF T

- CONTRACTOR SHALL COMPLY WITH CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS OF PUBLIC AUTHORITIES GOVERNING THE WORK.
- REMARKANS OF THESIS ANIMONIES WANDOWN IN: WHAT.

 ONTINIZATION SHALL COTAIN AND PAY FOR FEMALES AND INSPECTIONS REQUIRED BY PUBLIC AUTHORITIES OWNERING THE WORK.

 CHITINATION SHALL ROYER DOCMENTS, WERF DIMENSIONS AND RELL

 CONTINIONS AND COMMING THAT GOVERN IN HE BULL AS SHOWN, REPORT ANY

 CONTICUES OR CONSISTENCY TO THE ANOMINET FOR CLARIFICATION PRIOR TO

 PREVIOUSLY ANY REVIEW IN QUESTION.
- PERFORMER ANY WORK IN DISCISION.

 COMPRISONS BULL SIGNAT SEQUESTS FOR SUBSTITUTIONS, REVISIONS, OR CHANGES TO AMERICATION REVISIT PRIOR TO PRODUCES, FARRICATION OR RESIDIAL DATA

 STATEMENT OF THE STATEMENT OF T
- SYSTEM INSTALLATIONS WITH OWNER.

 A CONTRACTOR SHALL MAINTAIN EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEWCES, AND ALARMS IN CONFORMANCE WITH CODES AND ORDINANCES.

 B. CONTRACTOR SHALL PROTECT AREA OF WORK AND ADJACENT AREAS FROM DAMAGES.

- CONTRACTOR SHALL MAINTAIN WORK AREAS SECURE AND LOCKABLE DURING CONSTRUCTION. COORDINATE WITH DIMER TO ENSURE SECURITY.
- 10. DO NOT SCALE DRAWNSS. WRITTEN DIMENSIONS GOVERN. IN CASE OF COMFLICT, CONSULT THE ARCHITECT PRIOR TO CONSTRUCTION.
- DRAWINGS OF BASE SITE CONDITIONS ARE BASED ON EXISTING SURVEY DRAWINGS AND ON LIMITED FIELD OBSERVATION BY THE ARCHITECT. ACTUAL CONDITIONS MAY DIFFER FROM THOSE SHOWN.
- THE CONTRACTOR SHALL MAINTAIN FOR THE ENTIRE LENGTH OF HIS CONTRACT ECRESS PATHWAYS, LICHTING, FIRE PROTECTIVE DEVICES AND ALARMS TO CONFORM TO LOCAL BUILDING CODE REQUIREMENTS.
- The contraction shall be responsible for appuality practic and protecting work curing constitution against damage beaavage, collapse, distortion, and/or misalionaent in accordance with applicable codes, standards, and good practice.
- WORK AND/OR CONSTRUCTION OPERATIONS SHALL NOT UNDERMINE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING AND SITEMORY.
- THE CONTRACTOR SHALL VERIFY THAT DRAWINGS ARE THE LATEST ISSUE PRIOR TO COMMENCING CONSTRUCTION.
- IN CASE OF CONFLICT BETWEEN ARCHITECT'S AND ENGINEER'S DRAWINGS IN LOCATION OF MATERIALS/EQUIPMENT, THE ARCHITECTURAL DRAWINGS SHALL CONFERN
- 18. CONTRACTOR SHALL SIGNAT TO DE COMER A SCIEDULE OF WORK FOR CHARRICTON. THE SCIEDULE SHALL INTERACT THOSE OF OTHERS AND SHALL BE FRISTED TO THE OMERS' PROJECT MANAGER, UPON MORPHOLYMAN, SOMEDILE SHALL BOOLATE THE PHASE DURING MHOT REWS OF OTHERS SHALL BEFORE AND ADMINISTRATION FROM STATEMENT OF THE WORK TO BE DONE EFFICIENTLY ON A NOT-OTHER SHALL BOOLATE THE THE RESERVE TO BE DONE EFFICIENTLY ON A NOT-OTHER SHALL BOOLATE THE RESERVE TO BE DONE EFFICIENTLY ON A NOT-OTHER RESERVE.
- WORK SHALL BE PERFORMED DURNIN REGIALS BUSINESS HOURS WHENEVER POSSBILE. WORK INVOLVING OVERTIME AND/OR NON-REGULAR BUSINESS HOURS SHALL BE APPROVED BY PROJECT WANAGER AND COORDINATED WITH BULDING
- THE CONTRACTOR SHALL COORDINATE WORK WITH BUILDING MANAGEMENT NOLLONG BUT HOT LIMITED TO SCHEDULING TIME AND LOCATIONS FOR DELAMBERS, BUILDING FACULES, AND USE AND CLARANCE OF ANALABLE ELEVATORS, IN ORDER TO MINIMIZE DISTURBANCE OF BUILDING FUNCTION AND OCCUPANTS.
- PILICIAN AN COOPANTS.

 THE CONTRACTOR SHOW LYNE RECEPT OF CONSIDERATION DOCUMENT SMESS, DECEMBER 196 CONTRACTOR SMESS, DAVID SME
- 22. REQUESTS FOR SUBSTITUTIONS OF SPECIFED ITEMS SHALL BE SUBMITTED IN MINING WITHIN 3 HESTS OF CONSTRUCTION STAFF AND MILL BE CONSIDERED ONLY IF HER PROVINCE PLOTTED SECONDS, NIAME A MOST ADMINISTRATION OF THE PROVINCE PLOTTED SECONDS, NIAME A MOST ADMINISTRATION OF THE PROVINCE PLOTTED SECONDS OF THE PROVINCE OF THE PROPERTY OF PROCEEDINGS. WITHIN STAFF AND ADMINISTRATION OF THE PROPERTY OF TH
- 23. CONTRACTOR SHALL ENSURE THAT PER TEXAS ACCESSIBILITY STANDARDS THERE
 ARE NO ENCROLOMENTS WITHIN THE ACCESSIBLE ROUTE AFTER WORK IS
 COMMISSED.
- 24. AS APPLICABLE, WORK AREAS SHALL REMAIN SECURE AND LOCKED DURING CONSTRUCTION, CONTRACTOR SHALL PROVIDE OWNER WITH KEYS FOR CONSTRUCTION FENCING GATES.
- 25. THE CONTRACTOR SHALL APPLY, INSTALL, CONNECT, ERECT, CLEM, AND/OR CONDITION MARKET, CREED AFFILIES, MATERIALS, AND/OR DOLINGHEF FOR MARKET, MERCHANTS INSTRUCTIONS. ON ORCE OF CONVENCT DOCUMENTS TO MARKET, BETTER SHATTLETONS AND THE CONTRACT DOCUMENTS. BY THE PROCESSION, AND ADMINISTRATION OF CONTRACT DOCUMENTS AND THE PROCESSION.
- THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR THE COORDINATION OF WORK AND FOR THE MORK PERFORMED BY HIS SUBCONTRACTORS.
- WAT AND LIKE THE THE PERSONALD BY HIS SECURITATIONS.

 2. THE CONTRIBUTED SHALL COMMENT AND CONTRILL WINE BY OTHERS INCLINE BY THE TAIL THE TO LIMITED TO HERDWAY, STORTY, AND "THE SHALL CONTRIBUTED TO HER TO THE TO THE THE THE CONTRIBUTED SHALL CONTRIBUTE EXACT LOCATION AND SHALL DO THE CONTRIBUTED SHALL CONTRIBUTED AND SHALL DO THE CONTRIBUTED THE THE SHALL WIND HER WHO THE HER THAT WHY BE ROUGHED THAN THE PERSONALLY MAPLE BY THE CHARMINGS AND SECONDAL THE THE SHALL BY THE CHARMINGS AND SECONDAL THE SHALL BY THE
- OF THE LOWBRING AND SPECIFICATIONS.

 THE CONTRACTOR SHALL PROTECT DE BULDONS PREMIESS AND OCCUPANTS ON the PROJECT STE FROM DAMAGE. THE CONTRACTOR SHALL PRODUCE AND MARITAN MECHANIC ONCERNOS, DAMAGE, AND TEMPORARY PROVISIONS AS REQUIRED TO PROTECT DESTROS KNOW, MATERIALS, AND TRASPES TO REMAIN AT THE ACT STEEL THE CONTRACTOR SHALL PROVIDE AND THE ACT STEEL THE CONTRACTOR SHALL PROVIDE AND THE ACT STEEL THE PROJECT SHALL PROVIDE AND THE ACT STEEL THE PROVINCES AND THE ACT STEEL THE PROVIDED AND THE ACT STEEL THE ACT STEEL THE PROVIDED AND THE ACT STEEL THE ACT STEELS AND THE ACT STEEL THE ACT STEELS AND THE ACT STEEL THE ACT STEEL THE ACT STEELS AND THE ACT STE
- MARKET PRINCE TO THE PARTY AFFICIED.

 MARKETAREY PRINCE TO COCCEPANCY OF ANY PHASE, THE CONTRACTOR SHALL
 CASH SIZEAGES OF ERRISE, LOGS CONSTRUCTION MATERIAL AND EQUIPMENT
 AND SHALL LEAVE THE STEE CLEAN. REMAINING CONSTRUCTION MATERIAL AND
 CUMPAINT, IF ANY, SHALL BE MOVED AND TEMPORARLY SCURED IN AN AREA
 OFFICIED BY THE PROJECT MANAGES.
- CONTRACTOR SHALL PATCH AND REPAIR ANY DAMAGE TO EXISTING LANDSCAPE, INSIGATION OR SITE WORK THAT OCCURS DURING CONSTRUCTION.
- 31. CLARIFICATION OR INFORMATION REQUIRED BY THE CONTRACTOR WILL BE FURNISHED, UPON WRITTEN REQUEST, BY THE ARCHITECT.

SITE IMPROVEMENTS

BASIS OF DESIGNE LIFTMASTER ELITE SERIES DC COMMERCIAL, CATE OPERATORS RATED: HIGH-CYCLE, HIGH-TEMPERATURE, CONTINUOUS DUTY WARRANTY: 5 YEARS

VEHICULAR HORIZONTAL SLIDE GATE:
A. LIFTMASTER CSL24U 24VDC HIGH-TRAFFIC W/BATTERY BACK-UP

VEHOLAR CATES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF ASTIM FIZOU. CALES SHALL INDIVIDUAL IN

ALL REGHT BEARNO DPOSED ROLLESS & FEET OR LESS ABOVE ORACE SHALL BE GUARDED OR COMPERE, ALL DPORMAS SHALL BE GUARDED OR COMPERE, ALL DPORMAS SHALL BE GUARDED OR SOMEDONE STORMED OR STORMED OR STORMED OR STORMED OR SOMEDONE STORMED OR STORMED OR STORMED OR STORMED OR SHALL BE SHOWN AS A STORMED OR SHALL BE SHALL

a gap, measured in the horizontal plane parallel to the roadway and when the gate is in either the fully open position or the fully closed position shall not exceed $2{\text -}1/4$ inches.

POSITIVE STOPS SHALL BE REQUIRED TO LIMIT TRAVEL TO THE DESIGNED FULLY OPEN AND FULLY CLOSED POSITIONS. ALL GATES SHALL BE DESIGNED WITH SUFFICIENT LATERAL STABILITY TO ASSURE THAT THE GATE MILL ENTER A RECEIVER GLOB.

VEHICULAR HORIZONTAL SWING GATE:
B. LIFTMASTER CSW24U 24VDC HIGH-TRAFFIC W/BATTERY BACK-UP

GATES SHALL RE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF ASTI-P2200, CATES SHALL BE CONSTRUCTED AND INSTALLED SO AS NOT TO GREATE ALL ENTRAFABELT HAREA EXTERNED IN COLUMN DISTALLED SO AS NOT TO GREATE OR OTHER FISED GREET WHEN THE GATE MOVES TOWARD THE FULLY OPEN POSITION.

ALL INTERFACE WITH SECURITY COMPONENTS INCLUDING GATE PHONES, CARD REAGERS, AND CHARGAS SHALL HAVE THE FULL PRICE APPROVAL OF HOUSTON COMMUNITY COLLEGE NETWORK AND SECURITY OPERATIONS DIRECTOR.

		TE WITH THE FOLLOWING:		
QTY	DESCRIPTION	CATALOG NUMBER	FINIS	H MFR
1 EA	DOOR CORD	798	626	SCE
1 EA	ELEC PANC HOW	RX-99-L-E996-06-FSE-WH-CON 24 VDC	626	VON
1 EA	PERMANENT CORE	MATCH OWNER'S EXISTING SYSTEM	626	BES
1 EA	RIM CYLINDER	1E-72	626	BES
BALA	NCE OF HARDWARE I	BY GATE MAFR POWER SUPPLY - WORK OF DIVISION 28 DOOR CONTACT(S) - MORK OF DIVISION 28		B/0

HARDWARE SET IS A GUIDE LINE; GENERAL CONTRACTOR SHOULD CONDUCT A COORDINATION MEETING WITH THE GATE FARRICATOR AND HARDWARE SUPPLIER BEFORE EITHER THE GATE IS FABRICATED OR THE HARDWARE ORDERED.

PROVIDE MOUNTING ACCESSORIES TO MOUNT HARDWARE TO GATE. OPERATIONAL DESCRIPTION: GATE HORMALLY CLOSED AND LOCKED, INDRESS BY WALD CARD READ OR MANUAL KEY OVERRIDE. FREE EGRESS AT ALL TIME. UPON LOSS OF POMER, GATE TO REMAIN LOCKED

MARE GROUP NO. 2

FOR USE ON PEDESTRIAN GATES: D, L.1
PROVIDE EACH GATE WITH THE FOLLOWING:
OTY DESCRIPTION CATALOG MIMBER 1 EA ELEC PANIC HOWR RX-99-EO-WH-CON 1 EA RIN CYLINDER 1E-72

1 EA PERMANENT CORE MATCH OWNER'S EXISTING SYSTEM BALANCE OF HARDWARE BY GATE WINFR
POWER SUPPLY — WORK OF DIVISION 28
DOOR CONTROL(\$5) — WORK OF DIVISION 28
CARD BEALDER — WORK OF DIVISION 28

HARDWARE SET IS A GUIDE LINE; GENERAL CONTRACTOR SHOULD CONDUCT A COORDINATION MEETING WITH THE GATE FABRICATOR AND HARDWARE SUPPLIER BEFORE EITHER THE GATE IS FABRICATED OR THE HARDWARE ORDERED.

OPERATIONAL DESCRIPTION: GATES MORNALLY CLOSED AND LOCKED, INGRESS BY VALID CARD READ OR MANUAL KEY OVERFICE, FREE EGRESS AT ALL TIME, UPON LOSS OF POMER, CATES TO BEHAN LOCKED.

EXISTING CONDITIONS

Geotechnical investigation (soils report) has been prepared by thers for the information and convenence of bloders. A copy of He following documents can be obtained from hick and its

DITILIZE CONTINUES ENTRE PROBLEM FOR AN ITS DITILIZES CONTINUES CONTIN PREPARED DI: ERMANDE DATE: APRIL 3, 2014 SUPPLEMENT 1 DATED: AUGUST 8, 2015 SUPPLEMENT 2 DATED: SEPTEMBER 22, 2016 SUPPLEMENT 3 DATED: OCTOBER 4, 2016 SUPPLEMENT 4 DATED: MAY 16, 2018

THE GEOTECHNICAL REPORT IS PROVIDED ONLY FOR BIDDERS' INFORMATION AND CONVENIENCE AND IS NOT PART OF THE CONTRACT DOCUMENTS, OWNER AND ARCHITECT DO NOT MARRANT THE ACCURACY, EXTENT OF THE REPORT, OR LOCATIONS OF THE TEST BORNAS.

WHERE THE GOSTECHNOLA REPORT STATES CONSTRUCTION OPTIONS, SUCh OPTIONS WILL BE AS SELECTED BY THE CIVIL AND STRUCTURAL ENGAGER, AS MOST BY THE BOCKEN-PLEASEAU, CONTINUEDE, REPORTED TO MOSES OF THE COVER, AND STRUCTURAL DIAMNOS AND BOOK SELECT LOSSESPANCES RETREST BOOKENING TO DIAMNOS AND BOOK SELECT LOSSESPANCES RETREST BOOKENING TO THE ATTENTION OF THE ADORTICET REPORT PROCEDURE WITH THE REPORT.

THE GEDTECHNICAL REPORT IS BASED UPON THE ASSUMPTION THAT UMFORM VARIATION EXISTS IN SOUL PROFERRIES BETWEEN BORRIMS, INTERPRETATION OF THE REPORT IS BEORDE'S RESPONSED IT. OWNER AND ADOUTECT WILL NOT BE RESPONSELE FOR INTERPRETATION OF REPORT BY BIODERS.

BIDDERS MAY MAKE ADDITIONAL SOIL BORINGS OR OTHER EXPLORATORY OPERATIONS AT NO EXPENSE TO OWNER, PROVIDED SUCH OPERATIONS ARE APPROVED BY OWNER IN ADVANCE.

SELECTIVE DEMOLITION OND DEBRIS-REMOVAL OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, WALKMAYS, AND OTHER MOMENTAL DOCUMENT FADILITIES,

PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN

DEMILISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION, DO NOT ALLOW DEMOUSHED MATERIALS TO ACCUMULATE ON SITE REMOVE AND TRANSPORT DEBIES AN ADMINIST BAT WILL PREVENT SHILLIGG ON ADMICENT SURFACES AND REAS. TRANSPORT DEMILISHED MATERIALS OFF SITE AND LEGALLY DEPOSE OF THEM.

UNIT PROCESSAT ASSEMBLES

FENCE PLASTER PRISM MUTURALS ARE TO MARCH 890X VEHEER AND CAST

STONE DESTINE ON THE CAMPUS.

1. ACME ELEN BLOD 102 CORTHON, 7026 MODULAR CHATHORN SPICK, NO
SISTEMUTORS, ALONE.

2. SHERRORS, MONITORING, COST STONE, COLOR: CREAM, NO
SISTEMUTORS, ALONE.)

SITE IMPROVEMENTS

ULCOMATRE METAL FERLE AND GATES
SASS OF EISSNE MERTOD FALODI (EISSNE ALMINIAM PICKET FERCE SYSTEM,
MORDLUF PRIMES THEORYTED FROM ALMINIAM TIBBLIFE BLAGES MO
TOP PORTION ALMINIAM MILES FELD ATTROCHE TO ALMINIAM PICKET, FANGL
HERBIF AS MICHAEL ON SHEETS AND, MICHAEL COLOR OF SELECTION OF
MORDLECT FROM MANIFACTIONERS'S FILL FRANCE INCLIDING OUTSTON METALLIC OR
PROMISE OF THE MANIFACTURERS'S FILL FRANCE INCLIDING OUTSTON METALLIC OR
PROMISE OUTSTON ALMINIAM TO THE MANIFACTURERS'S FILL FRANCE INCLIDING OUTSTON METALLIC OR
PROMISE OUTSTON.

TUBES:
A. 1° DIA. © .083 THK AT 4° O.C.
RALS:
B. 1-1/2° X 3/4° ALUMINUM CHANNELS

WARRANTY: 20 YEARS FOR FACTORY FINISH

CHAIR LINK FENCE AND GATES INSTALL CHAIN-LINK FENCING IN ACCORDANCE WITH ASTM F567. INSTALL FENCING ON ESTABLISHED BOUNDARY LINES INSDE PROPERTY LINE.

FEBRURY ON SUPPLIES OF STATE OF THE STATE OF STA PLACE CONCRETE FILL AROUND POSTS TO DIMENSIONS INDICATED AND VIERATE OR TAMP FOR CONSCLIDATION. PROTECT ABOVEGROUND PORTION OF POSTS FROM SPLATTER, FINISH ANCHORAGE JOINT TO SLOPE AWAY FROM POST TO DRAIN WASTER

MATCH FINSH COLOR AND MATERIAL OF CHAIN LINK FENCE EXISTING ON CAMPUS.

GENERAL REQUIREMENTS

THE ARCHITECTS REVIOUS OF SUBMITTALS SHALL NOT RELIEVE THE CONTRACTOR FROM CONFORMANCE WITH THE CONTRACT COOLINGTIS OR METLY APPROVAL OF CHANGES TO THE CONTRACT COOLINGTIS, WHETHER OR NOT SUCH NONCOMPONITIES ARE DISCOVERED IN THE SUBMITTAL

IN THE SOMBITIALS.

PRIOR TO COMMENCING SUSTAINING PORTIONS OF THE MONE, COMMENCING SUSTAINING PRIOR TO SHORME EACH REQUEST SUBMETTAL AND SECONDAIN SECTION NAMED, THE PROPERS SOMBITIAL AND SECONDAIN SECTION NAMED, THE PROPERS SOMBITIAL AND SECONDAIN OF SUSTAINING SECTION NAMED AND THE PROPERS SOMBITIAL AND UPDATED SOMBITIAL WAS AND SECONDAIN SECTION OF THE PROPERS OF THE MONE. PROVIDES OF THE MONE, PROVIDE A COPY OF THE MITHAL AND UPDATED (MEDILY) COT TO THE ARBITICAL SECONDAIN SEC CONTRACTOR SHALL REVIEW SUBMITTALS TO VERIFY FOR COMPLIANCE AND INDICATE RESULTS OF REVIEW PRIOR TO SUBMITTING TO ARCHITECT.

MAKE SUBMITTALS FAR ENOUGH IN ADVANCE OF SCHEDULED INSTALLATION DATES TO PROVIDE THE REQUIRED FOR REVIEWS, FOR SECURING INCESSARY APPROVALS, FOR POSSIBLE REVISIONS AND RESUBMITTALS, AND FOR PLACING ORDERS AND SECURING DIS

SUBMITTALS PROVIDED FOR WORK AND FOR WHICH NO REQUIREMENT FOR SUBMITTAL IS STATED IN THE DRAWNGS OR SPECIFICATIONS WILL BE RETURNED WITHOUT REVIEW.

PRODUCT DATA: (MMRRE SPECIFICALIS ROUBLES POINTS)

MARK EACH COPY TO BENTLY APPLICABLE PRODUCTS, MOBELS, OPTIONS, AND OTHER
DATA: SPECIMENT MANUACTUREYS STANDARD DATA TO PROVIDE INFORMATION
HOUSE TO THE WORK.

CHARLE UP THE MORE.

SUBBIT MARBER OF COPIES FOR PROCESSING, DISTRIBUTION AND RECORD

DOUBLINGTAIN AS STATED BELONE

A FOR DATA RICCATION CHICLES OF COLOR, PROVIDE "ORIGINALS" (NO DIGITAL
OR SIMLAR COPIES).

Submit a reasonable range of manufacturer's standard colors, textures, sheen, and patterns for selection where specific product requirements have not been stated or where substitutions are proposed. SUBMIT SAMPLES TO ILLUSTRATE FUNCTIONAL AND SIGHT-EXPOSED CHARACTERISTICS OF THE PRODUCT, WITH INTEGRAL PARTS AND ATTACHMENT DEVICES. COORDINATE WITH SUBMITTAL DATE OF OTHER SECTIONS FOR INTERFACING WORK.

INCLUDE IDENTIFICATION OF EACH SAMPLE GIVING FULL INFORMATION.

SUBMIT TWO SETS OF EACH PRODUCT FOR THE ARCHITECT, PLUS ADDITIONAL SETS EXCHANGED BY THE COMPRIGATION. FULL SIZE OR ON-SITE SAMPLES OR MOCKUPS MAY BE USED IN THE WORK UPON

REQUEST FOR SUBSTITUTIONS: SUBMIT SEPARATE REQUESTS FOR EACH PRODUCT AND SUPPORT EACH REQUEST WITH

- C. SAMPLES, AS APPLICABLE

 D. NAME AND ADDRESS OF SIMILAR PROJECTS ON WHICH PRODUCT HAS BEEN USED, AND DATE OF INSTALLATION.

ITEMIZE A COMPARSON OF THE PROPOSED SUBSTITUTION WITH PRODUCT SPECIFIED AND LIST SIGNEFICANT VARIATIONS SUBMIT DATA RELATING TO CHANGES IN CONSTRUCTION SCHEDULE.

NOTE ANY EFFECT OF SUBSTITUTION ON THEIR WORK OR PRODUCTS OR ON SEPARATE CONTRACTS.

INCLUDE ACCURATE COST DATA COMPARING PROPOSED SUBSTITUTION WITH PRODUCT AND THE AMOUNT OF ANY NET CHANGE IN THE CONTRACT PROCE.

SUBSTITUTIONS WILL NOT BE CONSIDERED WHEN:

A. THEY ARE MOJICATED OR MPILED ON SUBMITTALS WITHOUT A FORMAL SECURET. REMAREST.

B. ACCEPTANCE WILL REQUIRE SUBSTANTIAL REVISION OF DRAWINGS AND SPECIFICATIONS.

WHEN CONTRACTOR CONSIDERS THE WORK OR A DESIGNATED PORTION THEREOF SUBSTANTIALLY COMPLETED, SUBMIT WRITTEN NOTICE, ACCOMPANIED BY THE PUNCH LIST SPECIFIED UNDER CLOSE—OUT PUNCH LIST. NO SUBSTANTIAL COMPLETION INSPECTION WILL BE MADE UNTIL THERE IS SUFFICIENT EVIDENCE TO INDICATE THAT SUBSTANTIAL COMPLETION HAS REFIN ACMISSION.

AMPRICO.

ON NOT CLAM SUBSTANTIAL COMPLETION UNTIL THE CERTIFICATES AND RELATED INSPECTIONS AFFIRMING COMPLIANCE ARE ISSUED BY AUTHORITIES AND AGENCES HANNE ARRESTOCTOR, FOR ABOUTECURAL, STRUCTURAL, ELECTRICAL, AND SCRIPTER COMPLIANT AND INSTALL ARRESTORDED. AND SECURITY EQUIPMENT, AND INSTALLATIONS HEREDY.

CONTRACTOR SHALL DELIVER A COPY OF EACH CERTIFICATE TO THE OWNER AND ARCHITECT BEFORE THE DATE OF SUBSTANTIAL COMPLETION INSPECTION.

- Frui, Cleaning

 1. Decute final cleaning prior to substantial completion.

 2. CLEAN Sympaces of the Work and base beliend subpaces affected by the Work below me droops before the work below me the company. The company of the compan
- THURLE LINE CONTINUES, STAINS AND FOREIGN SUBSTANCE.

 3. REMOVE MASTE, AND SUPPLUS MATERIAS, RUBBER, AND CONSTRUCTION FACULIES FROM THE PROJECT AND FROM THE SITE.

 4. LEAVE PREMISES IN SPOTLESS CONDITION, RECURRING NO FURTHER CLEANING OF CONSTRUCTION BY OWNER.

 6. CORRECT LECTURE DIABATION.
- CLOSS-OUT SUBNITIALS
 PRIOR TO FINAL PAYMENT, AND BEFORE ISSUE OF A FINAL CERTIFICATE FOR
 PAYMENT, SUBMIT THE FOLLOWING:
- A. NUARANTES
 B. RELEASE OR MAVIER OF LIENS AND CONSENTS OF SURETES.
 C. OFFERTION AND MAINTENANCE MANNIALS (FROM INTERFACE
 MORN UNDER SEPARATE FERMIT.)
 D. MATERIALS CERTIFICATIONS

PROJECT RECORD DOCUMENTS
KEEP AT THE STE ONE REPROJUDIEL RECORD SET OF CURRENT DRAWNOS
MOS PECENCIATORS, FINAL VESSION OF SUBMITTAL DATA, AND OTHER
APPLICABLE RECORD DATA. HOWE VARIATIONS FROM THE CONTRACT
COOLINENTS ON THE MOST STRIFFLE DOCUMENT, CALLIED IN INSTALLED IN
SUBSTANTIALLY DIFFERENT FORM, THEF, SOSPE AND LOCATION FROM THAT
SHOWN ON STECHES.

A. PROVED FULL—SIZE PLAN SETS FOR GRAPHIC DATA.

B. CLEARLY MARK EACH RECORD DOCUMENT THUS:
"RECORD DOCUMENT, USE ONLY FOR RECORDING RELD
DEVALORS AND ACTUAL CONSTRUCTED COUNTRIONS."

GENERAL CONDITIONS

- CONFORM WORK TO THE CONTRACT DOCUMENTS WHICH INCLUDE THE OWNER/CONTRACTOR AGREEMENT, DRAWNOS, HOUSTON COMMUNITY COLLEGE TECHNICAL SPECIFICATIONS AND STANDARDS, AND ALL AGDENDA OR
- THE GENERAL CONDITIONS OF THE CONTRACT ARE AS REQUIRED BY THE OWNER. HOUSTON COMMUNITY COLLEGE (HCC).

GENERAL REQUIREMENTS

CONTINUISMENT OF MARK PRECING
THE TIME THAN SERVICING TO SERVED IN SECTION THAN SERVED SERVEY.

HER TIME THAN SERVED FOR THE WORK AND FOR CONSTRUCTION
OFFINATION TO ALLOW CONTINUED COOPMANY AND USE.

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MANUAL PROPER PARIS AND CENTRICATION OF DEPRECING CREESS.

THE TERM "BASE BUILDING" MEANS THE EXISTING STRUCTURES WITHIN THE PROPERTY SITE WIERE THE PROJECT AND THE WORK IS CONSTRUCTED. BY MAY OF GENERAL DESCRIPTION, BASE BUILDING INCLUDES: FOUNDATIONS, SUPERSTRUCTURE COLUMNS, SEMAN AND FLOORS, EXTERIOR AND INTERIOR OCCE WALLS, PRETITIONS AND DODGS, CURTAMINAL SYSTEM, MP SYSTEMS, ADMICHST STE WORK, LANDSCHAPIG AND INSOLITION, DICEPT WHITE DESCRIPTION OF RECLINED TO BE CUT AND PATCHED, BASE BULDING IS MITCHED TO RESUME AS CONSTRUCTED.

MAINTAIN EXISTING UNDERGROUND UTILITIES AND RINGATION SYSTEM INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOUTION OPPRATIONS.

AS SCOPE DOCUMENTS, THE DRAWNS AND SPECIFICATIONS DO NOT NECESSARLY COMPLETELY DESCRIBE THE BASE BUILDING AT INTERFACE WITH THE WORK.

REPAIR DAMAGE TO BASE BUILDING AND SITE RESULTING FROM EXCESSIVE CUTTING OR DEMOLITION WORK.

NATION OF EMPLICAN BOOK.

ASSOCIATE EMPOYON CONTROL COMPANY, CONTROL PIO PATONE PARTICIPATOR ASSOCIATE EMPOYON CONTROL COMPANY, CONTROL PIO PATONE AND PATONE PATON

WORK TO BE PERFORMED BY THE TISTING LABORATORY SHALL BE AS REQUIRED BY THE TISTING LABORATORY SHALL BE AS REQUIRED BY THE OWNER, ARCHITECT, AND DIXONEER, MOI INCLUDE, BUT NOT BE LIMITED TO:

1. SHALLOW FORMATION LABORATORY

2. BENOTICENS STEEL

3. CAST—H-VALC CONNETE:

THE TESTING LABORATORY SHALL REVIEW THE SUBMITTED MIX DESIGNS FOR CONFORMANCE TO THE SPECIFICATIONS AND FOR SUITABILITY FOR USE IN THE PROJECT.

FIELD SAMPLES FOR STRENGTH TESTS SHALL BE TAKEN IN ACCORDANCE WITH ASTM C172 AT THE POINT OF PLACEMENT

CITZ AT THE FORM OF PLAZMENT
CONTRACTOR SHAN ERECT CONGRETE DELARRED TO THE SITE FOR ANY OF THE
FRILLOWING CAUSES, MORNO CLASS, (MICHIRECT MIX DESIGN NUMBER),
DEMONANDEHILA, CONDITIONS, SLAMPS CUTSIES OF THE LIMITS SPEDIFED, OR
EXCESSIVE JUST, CONCRETE SHALL BE DISCHARGOD WITHIN 50 MINUTES OF PLANT
DEPARTMENC REPORT IT REGION TO SET IT SOOMER THAN 90 MINUTES.

PROTECT TREE ROOT SYSTEMS FROM DAMAGE CAUSED BY RUNOFF OR SPILLAGE WHILE MIXING, PLACING, OR STORING CONSTRUCTION MATERIALS.

DO NOT STORE CONSTRUCTION MATERIALS, CLERRS OF EDICAVAILED MATERIAL INSIDE TIMES PROTECTION ZONES, DO NOT FERMIT VEHICLES OR FOOT TRAFFIC WITHIN TIME PROTECTION ZONES, PREVENT SOIL COMPACTION OVER ROOT SYSTEMS.

DO NOT EXCAME WHEN THE PROTECTION ZONES UNLESS OTHERWISE INFOCUTION WHERE EXCAMINED FOR HIS CONSTITUTION TO RECEIVE WHEN THE PROMET OF THE CONSTITUTION TO RECEIVE WHEN THE THE ZONES HAVE GO ROBER AND EXCAME TO MANAGE TO MANAGE TO AN PARKED WHEN THE THE PROPRIES AND COME SOIL TO EXPOSE ROOTS.

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PRODUCT REQUIREMENTS

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PROJECT TITLE
HOC NORTHEAST COLLEGE
NORTH FOREST CAMPUS
PERMITTER FENCE

DDDAT MOJECT LOCATION DISTON, TEAS 17016 JANUARY 28, 2020 BRUSHON CONSTRUCTOR



G1.01

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE COMMENCING WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPORT ANY DISCREPANCIES TO THE OWNER BEFORE COMMENCING WORK,

PUBLIC AND PRIVATE UTILITY LINES AND CUSTOMER SERVICE LINES MAY EXST THAT ARE NOT SHOWN ON THE DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, MAINTAIN, AND PROTECT THE INTEGRITY OF THESE LINES, HAND EXCANATION MAY BE REQUIRED.

 CONTRACTOR SHALL GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, OR PERSON IN CHARGE OF PRIVATE AND PUBLIC UTILITIES OR RAURGOS AFFECTED BY HIS OPERATIONS PROR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL CONDUCT HIS OPPRATIONS PRIOR TO COMMENCEURED BY HIS OPPRATIONS IN A MANUER SUCH THAT TRUCKS AND OTHER VEHICLES DO NOT CREATE A DIRT MAD/OR DUST NUISANCE OR SAFETY MAZARD IN ANY STREETS — PUBLIC OR PRIVATE, SDEWALKS, DRINEWARKS, MO PRIVATE, STEWALKS, DRINEWARKS, AND PRIVATE OF SAFETY MAZARD IN SAFETY STREETS — PUBLIC OR PRIVATE, SDEWALKS, DRINEWARKS, AND PRIVATE OF SAFETY MAZARD IN SAFETY SAFETY

CERTAIN ABANDONED LINES ARE SHOWN ON THE DRAWINGS, BASED ON INFORMATION FROM WARROUS PUBLIC AND PRIVATE RECORD DRAWINGS. THIS INFORMATION IS NOT REPRESENTED BY POAL TO BE CORRECT OR COMPLETE.

CONTRACTOR SHALL ASSURE HIMSELF THAT ALL CONSTRUCTION PERMITS HAVE BEEN GENAND PRIOR TO COMMENCEMENT OF WORK, RECOVERED PERMITS HAVE BEEN SHALL CONTRACTOR SHALL MANTAN ACCESS FOR DEMERSHAY WHITELES AT ALL TIMES. CONTRACTOR SHALL CONFIRM AND MANTAN ACCESS TO ALL FIRE CONNECTIONS, AT BULLIONS.

11. IF THE CONSTRUCTION DOES NOT BEGIN WITHIN A YEAR AFTER THE PLANS HAVE BEEN SIGNED, NEW SIGNATURES MUST BE OBTAINED AND LETTERS OF AVAILABILITY MUST BE UPDATED.

CITY OF HOUSTON GENERAL CONSTRUCTION NOTES - INSIDE CITY LIMITS CONSTRUCT MISSTER COLLECTION STORES, WATER LOSS AND BORNAGE, AND STREET FRAME IN ACCOUNTER COLLECTION STREET, WATER LOSS AND BORNAGE AND STREET FRAME IN ACCOUNTER CHARGE ATTEMPORY OF the PRESCRIPTOR STREET, AND STREET FRAME AND ACCOUNTER THROUGH AND STREET FRAME AND STREET, AND ACCOUNTER THROUGH AND STREET, AND ACCOUNTER THROUGH AND STREET FRAME AND STREET, AND ACCOUNTER THROUGH AND STREET FRAME AND STREET, AND ACCOUNTER THROUGH AND STREET FRAME FOR STREET, AND ACCOUNTER THROUGH AND AND ACCOUNTER THROUGH

COLLECTION SECTION. MOTION LINES STORM LEARNING, AND STREET, PROME PRESENCE OF STORMARCH STORMARCH SECTION SECTION SECTION. SECTION SECTION SECTION SECTION SECTION. SECTION S

CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER, HOUSTON PUBLIC WORKS & 832—394—908 OR VIA FAX AT 832—395—4424 FOR INSPECTION AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION

ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIME DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO DISTING CONDITIONS OR BETTER.

EXSTING CONDITIONS OR BETTER.

CONTRICTION SHALL TAKE RECESSIVE PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PANES NOT THE SAME OF THE SAME OF

CONTRACTOR SHIP CURNICATIONS COMMITTED.

CONTRACTOR SHIP, MANTARA A SET OF REDURE DRAWINGS RECORD AS-BUILT CONDITIONS DURING CONSTRUCTION. THESE REDURE MANCED UP DRAWINGS WILL BE SUBMITTED TO THE DESION CONSULTANT HID WILL MAKE THE CHANGES ON THE ORDINAL TREADMS, LABEL EACH SHEET IN THE SET AS "RECORD DRAWINGS", AND RETURN IT TO THE OFFICE OF THE CITY EMPIREE.

STORM SDRESS SHALL BE REINFORCED CONCRETE PIPE (C-76, CLASS III), AND SHALL BE INSTALLED, BEDDED, AND BACKFILLED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWNO NOS. 02317-02, 02317-03, 02317-06, AND 02317-07 (CCT, 2002) AS APPLICABLE UNLESS OTHERWISE SHOWN ON THE

STORM SEWER CONSTRUCTED IN SIDELOT EASEMENT SHALL BE R.C.P. (C-76, S II) AND SHALL BE EMBEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON ING. NOS. 02317-03, 02317-03, 02317-06, AND 02317-07 AS

DISPOSATION CONTINUES. COLUMN COLUMN

PROCTOR COMPACTION TEST (ASTM D-696/AASHTO T99).

CIRCULAR AND ELIPTICAL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RUBBER GASKET JOINTS CONFORMING TO ASTM C443 AND ASTM C877
RESPECTIVELY.

RESERVE AGENT CHAIRS CONFIDENCE TO ASTELL CASS AND ASTELL CENTRAL AND LANGER R.C.P.

ALL, STORM SERVE PERS AN INCILL LOSS AND MEDIT RECOVERY AND LANGER R.C.P.

ALL PROPOSED PIET STEEL—CHAIR FROM MARKELS AND BASET LIKES ARE TO BE TO AND LANGER R.C.P.

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LOSS AND LANGER ROOM DETEROR OF THE STORM PIET OF BOX TO THE STEEL AND LANGER ROOM DETEROR OF THE STORM PIET OF BOX TO THE STEEL AND LANGER ROOM DETEROR OF THE STORM PIET OF BOX TO THE STEEL AND LANGER ROOM DETEROR OF THE STORM PIET OF BOX TO THE STEEL AND LANGER ROOM DETERMINED. THE STEEL AND LANGER ROOM DETERMINED AND LANGER STEEL AND LANGER ROOM PIET ON DO THE STEEL AND LANGER STEEL AND LANGER ROOM PIET OF THE STEEL AND LANGER STEEL AND LA OTHER APPUREDMACES.

9. ADJUST MANUALE COVERS TO GRADE CONFORMING TO RECURREMENTS OF SECTION 02086-ADJUSTING MANHOLES, INLETS AND VALVE BOXES TO GRADE.

10. THE CONTINUED SHALL BE RESPONSIBLE FOR PROTECTING, MANHAMING, AND RESTORING ANY BACK SUPER DRAINGE SYSTEM DISTURBED AS A RESULT OF THIS WORK.

ANY BACK SLOPE DRAINING SYSTEM DISTURBLU AS A RESOLUTION TO HOME.

1. ALL DITCHES SHALL BE GROBED TO PROPOSED ELLEATIONS TO ROBUSE PROPER DRAININGE. ALL OUTRALLS SHALL BE PROPERLY BACFILLED AND COMPACTED. ALL DISTURBED AREAS SHALL BE REGORADED, SEEDED, AND FERTILIZED.

12. ALL DRIMEWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

MALEK CONSTRUCTION NOTES — COH STD

1. WATER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST CITY OF HOUSTON INFRASTRUCTURE DESIGN MANUAL, STANDARD SPECIFICATION, AND CONSTRUCTION DETAILS.

CHISTRACTION DITALS.

2. ALL 4" PRODUCT 2" BATTE UNE TO BE AWAR C-900 PMC DR-16 BLUE PRESSURE RATD WATER MAN WHITE 2" AND SMALLER WATER SERVICE UNE TO BE CONTRIOUS PMC CHISTRACTION SECONDA COST, ALL MAN COLON AND DOUBLE WATER SHOWN SECONDA COST, ALL MAN COLON AND DOUBLE WATER TOWN BY BUT WHITE 9-UNE PULLTHALINE SHEETS.

COMMISTER THAT BLOOGS SHALL BE FORDED AS INCESSIVE TO PREPADE THE MAN CHISTRACTION SHEETS.

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, ALL WATER LINES UNDER PROPOSED OR FUTURE PAING AND TO A POINT OF ONE (1) FOOT BACK OF ALL PROPOSED OR FUTURE CURBS SHALL BE ENCASED IN BANK SAND TO 12° OVER PIPE AND BACKFILLED WITH CEMENT STABILIZED SAND TO WITHIN ONE (1) FOOT OF SUBGRADE.

5. ALL WATER LINE AND SEWER LINE CROSSINGS SHALL BE CONSTRUCTED PER CITY OF

HOUSION AND ICED REDUCTIONS.

8. ALL WATER VALVES SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF AWAR C - 500 AND SHALL BE OF THE RESIDENT SEAT TYPE. ALL WATER LINES TO BE DISINFECTED IN CONFORMANCE WITH AWAY. C-651 AND THE TEXAS STATE DEPARTMENT OF HEALTH, AT LEAST ONE BACTEROLOGICAL SAMPLE SHALL BE COLLECTED FOR EVERY 1,000 LINEAR FEET OF WATER LINE AND SHALL BE REPEATED IF CONTAINMENTON PERSISTS.

ALL BELOW GRADE VALVES SHALL BE GASKETED, HUB-END GATE VALVES WITH A CAST IRON BOX, EXCEPT WHERE FLANGES ARE CALLED OUT ON THE PLANS.

4" THRU 12" FITTINGS SHALL BE CEMENT MORTAR LINED COMPACT DUCTLE IRON PRESSURE FITTINGS PER ANSI A21.53, OR PUSH ON FITTINGS PER ANSI A21.10 PRESSURE RATED AT 250 PSIG.

10. HYDROSTATIC TISTING: ALL WATER PIPE SHALL BE TESTED FOR LEAKAGE IN ACCORDANCE WITH THE LATEST CITY OF HOUSTON STANDARD CONSTRUCTION SPECIFICATIONS. TESTS ARE TO BE PERFORMED ON THE ENTIRE FOOTAGE OF WATER PIPE INCLUDED IN THE PROJECT.

ALL WATER LINES TO HAVE 4" MINIMUM COVER TO FINISHED GRADE AND MINIMUM 12 CLEARANCE TO OTHER UTILITIES AT CROSSING UNLESS OTHERWISE NOTED ON PLANS. ALL WATER LINES INSTALLED OVER 8" DEEP SHALL UTILIZE RESTRAINED JOINT FITTINGS.

FITTINGS.

CONTRACTOR SHALL KEEP WATER PIPE CLEAN AND CAPPED (OR OTHERWISE EFFECTIVELY COVERED) OPEN PIPE DIDS TO EXCLUDE INSECTS, ANNALS OR OTHER SOURCES OF CONTRAINATION FROM UNFINISHED PIPE LINES AT TIMES WHEN CONSTRUCTION IS NOT IN PROOFESS.

GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE STARTING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF

ANT DISCREPANCES.

2. BEFORE STARTING CONSTRUCTION, CONTRACTOR SHALL VERIFY BENCHMARK ELEVATION AND NOTIFY ENGINEER IF ANY DISCREPANCY AND/OR CONFLICT IS FOUND. AND NOTIFY DISTRICT PAY INCIDENTANCE MANY OF CONSULT IS INCIDENT.

CONTINCION SHALL PROMIET RESET OF POSITIVE DOWNERS, FROM THE PROPOSED AND ORDERED AND ORDER ORDER AND ORDER ORDER AND ORDER O

ALL EXISTING CONCRETE PAVING, SIDEWALK, AND CURB DEMOLITION SHALL BE REMOVED AND DISPOSED OF BY CONTRACTOR. DISPOSAL SHALL BE AT AN APPROVED OFF-SITE, LAWFUL LOCATION, UNLESS DIRECTED OTHERWISE BY THE OWNER.

HOUSTON FULLED BROKE "STANDARD CONSTRUCTION SPEEPFACHING" AND "STANDARD CONSTRUCTION SPEEPFACHING" AND "STANDARD CONSTRUCTION SPEEPFACHING" AND "STANDARD CONSTRUCTION SPEEPFACHING" AND STANDARD CONSISTENCY WHITE LIVES, STORM DEHANDE, CONSISTENCY WHITE THE MANAMENT STANDARD SETANDARD IN THE "SPENSTRUCTURE DESIGN IS CONSISTENT WHITE THE MANAMENT STANDARD SETANDARD IN THE "SPENSTRUCTURE DESIGN IS AND A STANDARD CONSTRUCTION OF THE STANDARD CONSTRUCTI

CONDITION OF THE ROAD AND/OR RIGHT-OF-WAY UPON COMPLETION OF JOB SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK.

GOOD AS ON BETTER THAN PRICE TO STANTING WORK.

A ADCIDATE DRAWGE SHALL BE WANTERED AT ALL THAS DURING CONSTRUCTION AND ANY CAPACITY OF THE CHARGE SHALL BE WANTERED AT ALL THAS DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE CHARGE ALL PROPOSED SHALD JOHN TO AN EXPRENDENCH STELL DISTS, USE HORZONIAL DOWELS HAVE DOWNED SHALL BE \$6 MARS, 24" LONG, 24" C-C, DRILLD AND DEBELDED AND THE OFFICE SHALL BE \$100.

 CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS AND TREES ALONG AREAS OF EXCAVATION. 5 AND TREES ALONG AREAS OF EXCAVATION. ACTOR SHALL COMPLY WITH OSHA REGULATIONS AND STATE OF TEXAS LAW CONCERN ATION, TRENCHING AND SHORING AS SPECIFIED IN CITY OF HOUSTON ORDINANCE #83

WHEEL CHAIR RAMPS SHALL BE INSTALLED IN ACCORANCE WITH CITY OF HOUSTON STANDA AT ALL INTERSECTIONS WHERE SDEWAUS EAST AND THE EUSTING CURB OR SIDEMALK IS DAMAGED OR REMOVED DURING CONSTRUCTION. DIAMETE OR RECOVED DIAMETE CONSTRUCTION.

2. WORTHWATE CALLICUM STOTING, WITH LINE, STONE DIAMETE AND STREET FAVORED CONSTRUCTION STONE, WITH LINE, STONE DIAMETE CONSTRUCTION STREET, WITH CONSTRUCTION

14. PRIOR TO STREET CONSTRUCTION, THE CONTRACTOR SHALL CONTRACT HOUSTON PUBLIC WORKS AT (PHONE) 832-394-9578 AND COMPLY WITH ALL REQUIREMENTS FOR THE ISSUANCE OF THE NECESSARY PERMITS/WORK ORDERS FOR STREET CONSTRUCTION. 15. DOUBLE REFLECTORIZED BLUE TRAFFIC MARKERS SHALL BE PLACED 6-INCHES OFFSET OF THE CENTERLINE OF ALL FIRE HYDRANT LOCATIONS BY THE PAVING CONTRACTOR. HYDRANTS LOCATED AT INTERSECTIONS SHALL HAVE A BUTTON PLACED ON EACH STREET. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) CONSTRUCTION NOTES - COH STD

CONSTRUCTION NOTES — CON STD

CONSIDERIOR SHALL BERNEAST HILL REVOCATION DOLCES AND REMONICED TO CONTROL TO SHALL BE SHA

CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT OR ROCK TRACKED FROM THE EXCHANTED AREA.

4. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT, ALWAYS CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.

CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER:

DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.

AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO DESCRIPTION.

FINALLY STABILIZED.

AREAS USED FOR STORAGE OF MATERIALS THAT ARE E PREOPINION.

STRUCTURAL CONTROL MEASURES.

LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

SANITARY SEWER NOTES - COH STD

SMITHAY SHARE MOITS—CORN STOP IN ACCOUNTS OFF IN THE STY OF ALL STREETS SHALE IT CONTINUED IN ACCOUNTS OFF IN THE STY OF ALL STREET SHALE IT CONTINUED IN ACCOUNTS OFF IN ACCO

HOUSTON STANDARD DETAILS DRAWING NO. 02317-08 UNLESS OTHERWISE NOTED.

4. THE SANITARY SEWER PIVE PIPE SHALL BE ASTIM D. 3024 TYPE PIS MS DR. 26 GAPUT SEWER PIPE, ASTIM D2241 SDR 26 PRESSURE ARTED SEWER PIPE OR ANNA C-900 PR-18 GREDN PIC PRESSURE GRADED SEWER PIPE BASED ON CONSTRUCTION CONTINUE REQUIREMENT AND CONFORMING TO ASTIM D1784 AND CITY OF HOUSTON STANDARD SPECIATION SECRETOR 0.2566 POLYMEN, CHACRISE PIPE AND CITY OF HOUSTON STANDARD SPECIATION SECRETOR 0.2566 POLYMEN, CHACRISE PIPE AND CITY OF HOUSTON STANDARD SPECIATION SECRETOR 0.2566 POLYMEN, CHACRISE PIPE AND CITY OF HOUSTON STANDARD SPECIATION SECRETOR 0.2566 POLYMEN, CHACRISE PIPE AND CITY OF HOUSTON STANDARD SPECIATION SECRETOR 0.2566 POLYMEN, CHACRISE PIPE AND CITY OF HOUSTON STANDARD SPECIATION SECRETOR 0.2566 POLYMEN, CHACRISE PIPE AND CITY OF HOUSTON STANDARD SPECIATION SECRETOR 0.2566 POLYMEN CHACRISE PIPE D1.

SIMONADO SPECIFICATION SECTION 02566 POLYVATI, OSCIDIOS PPE.

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CONCIDENT 1 OF COST HOM YAME J. A. THE SMART THY OF 10224 1 SIR 28704. PPE
OR C-0-00 ORDEN 10-18 PC COSSES PRESSIRED TO BE UTILIZED IN SEPTEMBRY OR
SIMON SECTION OF THE COSSION SERVICE OF THE COSSION OF THE
MENOS CONCIDENT THE TO DISCONDING COST PROPERTY OF THE COST PROPERTY

THE THREE CONTROL OF THE CONTROL OF THREE CONTROL OF THRE

CONTRACTOR SHALL PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 9' FEET BETWEEN WATER LINES AND SANITARY SEWER MANHOLES AND LINES.

10. SANTARY SEWER MANHOLE RIMS OUTSIDE OF PROPOSED PAVING WILL BE SET 3" — 6" ABOVE THE SURROUNDING LEVEL FINISHED GRADE AFTER PAVING WITH SLOPED BACKFILL ADDED FOR STORM WATER TO DRAIN AWAY FROM MANHOLE RIM.

11. IN WET STABLE TRENCH AREAS USE BEDDING PER CITY OF HOUSTON STANDARD

SLOPED BACKFILL ADDED FOR STOTON MODEL. .
IN WET STABLE TRENCH AREAS USE BEDDING F
DETAILS DRAWING NUMBER 02317-02 (2002).

DETAILS DOWNER MURBER 02377-02 (2002).
DEPLIZION TEST DETECTION TESTS SHALL BE PERFORMED ON ALL FLORBE, MODEL
HOW THE PERFORMANCE OF THE PERFORMENT OF THE PERFORMENT OF THE PERFORMANCE OF THE PERFORMANCE

INFILTRATION, EXFILTRATION OR LOW-PRESSURE AIR TEST; EITHER OF THE FOLLOWING TESTS SHALL BE PERFORMED AS PER TAC, TITLE 30 317.2 WITHIN THE SPECIFIED TOLERANCES ON ALL GRAVITY SEWERS.

INFILTRATION OR EXPILTRATION TEST: TOTAL LEAKAGE AS DETERMINED BY A HYDROSTATIC HEAD TEST SHALL NOT EXCEED 50 GALLONS PER INCH DUMBETER PER MILE OF PIPE PER 24 HOURS AT A MANUAU TEST HEAD OF TWO (2) FEET.

NALE OF PIER PER 24 HOURS AT A MANUAL TEXT HOLD OF THO (2) PIER.

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STORM WATER QUALITY NOTES

SWOMP: THIS PROJECT REQUIRES A STORM WATER QUALITY MANAGEMENT PLAN (SWOMP) BECAUSE THE PROJECT MEETS THE DEPINITION OF NEW DEVELOPMENT OR SIGNIFICANT REDEVILED/PLANT UNDER THE MARKS COUNTY REQUIATIONS. THE SWOMP CONTROLS SMALL BE CONSTRUCTED BY THE CONTRACTOR, THEN MAINTAINED BY THE COUNTY UPON COMPLETION OF THE PROJECT.

THE PROJECT.

SHIPP: THE PROJECT DISTURBS 0.46 ACRES, THEREFORE COVERNGE IS NOT REQUIRED SHIPP: THE PROJECT DISTURBS 0.46 ACRES, THEREFORE COVERNGE IS NOT REQUIRED WITH CONSTRUCTION ACTIVITIES. THE CONTINUED SHALL BE RESPONSED FOR MATER POLITION FOR PROJECTION, AND MATER POLITION FOR SHIPPING OF THE STORM MATER POLITION PRODUCTION FOR ACCORDANCE WITH PEDENUL SHIP AND LOCAL REQUIRED HIS PROJECTION, AND ACCORDANCE WITH PEDENUL SHIP AND LOCAL REQUIRED HIS PROJECTION OF THE PROJE

SINCE THIS PROJECT DISTURBS LESS THAN 5 ACRES, A NOTICE OF INTENT (NOI) IS NOT REQUIRED TO BE SUBMITTED TO THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCED) ROUNDED TO BE SUBMITED TO THE TUNN COMMISSION OF ENHANCEMENT. WOMEN TYPES OF THE CONTROL OF THE

A BAN GAUSE SHALL BE KEPT ON THE PROJECT SITE OR WITHIN THE MAREAUTE PROJECT WORTHLY ROOMS OF RANGED LENDING SHALL BE KEPT BY THE CONTROTOR TO ASSET WITH DETERMINING IF AN SIMPP SITE INSPECTION IS REQUIRED. THE COSTS FOR THE RAIN GAUGE SHALL BE CONSIDERED INCIDENTAL TO THE SWAPP BID THES.

SMALE & CONSIDERED MICHAEL TO THE SHIPPY BED TILBS.

THE SHIPP, INSPECTION AND MICHAEL REFORMS, CONFIDENCING, MANYALL RECOGNS, THE SHIPPY REPORTED AND MICHAEL REFORMS RECORDS SHALL BE KETT CURRENT BY THE CONTRACTOR AND IN ACCORDANCE WITH STATE AND LOOK, BECURIOUS, CONFIDENCING BY THE ALL SHIPPY RECORDS SHALL BE KETT ON-STEE, IF FORSIES, LINIT, THE KINDER OF THE ALL SHIPPY RECORDS SHALL BE KETT ON-STEE, IF FORSIES, LINIT, THE SHIPPY RECORDS SHALL BE KETT ON-STEE, IF FORSIES, LINIT, THE SHIPPY RECORDS SHALL BE COUNTY AS

BENCHMARK REFERENCE

THESE PLANS AND THE SURVEYS UPON WHICH THEY ARE BASED ARE TIED INTO THE OFFICIAL CITY OF HOUSTON SURVEY SYSTEM IN CONPLANCE WITH ORDINANCE NO. 69—1978. THE CITY SURVEY MARKERS USED FOR THE TIES ARE SHOWN ON THE PLANS.

METER NOW CONSTRUCTION WILL DAMAGE, DESTROY, OR ALTER AN EXISTING STRONG TO MARKER, DOWNSTOR TO INSTALL A SIRREY MARKER BOX AT NO INSTALL BOX OF THE CONTRACTION O

REFER TO SURVEY CONTROL MAP FOR ALL BENCHMARKS, HORIZONTAL AND VERTICAL CONTROL.

PRIVATE UTILITY NOTES

CENTERPOINT ENERGY NOTES:

CULTIFIC MEDICIPATION OF POLITIES

LOCATION OF DISTRICTURE THORD WAS INCIDENT.

COUNTRY OF DISTRICTURE THORD WAS INCIDENT.

PEPLINE, LIC, WRITE, PEPLINE AND AMES STOPM IN AN APPROXIMET LOCATION ONLY. SERVICE LISES

FROM IN APPROXIMENT LOCATION, IT OF STOPM IN AN APPROXIMENT LOCATION ONLY. THAT IN APPROXIMENT LOCATION OF LOCATION IN AN APPROXIMENT LOCATION, IT OF LOCATION IN APPROXIMENT COUNTRY IN APPROXIMENT LOCATION OF LOCATION IN APPROXIMENT COUNTRY IN APPROXIMENT LOCATION OF LOCATION IN APPROXIMENT LOCATION OF LOCATION IN APPROXIMENT LOCATION OF LOCATION IN APPROXIMENT LOCATION IN APPROXIMENT LOCATION OF LOCATION IN APPROXIMENT LOCATION IN APP

WHEN CENTERPOINT ENERGY PIPE LINE MARKINGS ARE NOT VISIBLE, CALL (713) 945-8036 OR (713) 945-8037 (7:00 A.M. TO 4:30 P.M.) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXPANATION BEFORE

WHEN EXCAVATION WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION BROOFFILIES.

WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.

VENT EXCESSIVE STRESS ON THE PIPING, ING GAS LINES CALL (713) 659-3552 OR (713) 207-4200

THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

MARNING: <u>OVERHEAD ELECTROAL LINES</u>

OVERHEAD LINES MAY EAST ON THE PROPERTY. THE LOCATION OF OVERHEAD LINES HIS NOT BEEN SYMM ON THESE ORBANINGS AS THE LINES ARE CLEARLY MISBLE. BUT YOU SHOULD LOCATE THEM PROR TO BECOMMING MY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE PROMIST OF THEM VOLTAGE LINES, SPECIFICALLY:

ANY ACTIVITY WHERE PERSON OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES, AND
 OPERATING A CRANE, DERRICK, POWER SHOVEL, DRILLING RIG, PILE DRIVER, HOSTRIG EQUIPMENT, OR SIMUM APPARANTUS WITHIN 10 FEET OF LIVE OVERHEID HIGH VOLTAGE LINES.

PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKES UNDER THIS JUM, THIS JUM, COMBIES BOTH CHIMMAL AND THE SAFETY OF T

ACTIVITIES ON OR ACROSS CENTERPOINT ENERGY FEE OR EASEMENT PROPERT NO APPROVAL TO USE, CROSS ON OCCUPY CONTEMPORT FEE OR EASEMENT PROPERTY IS GIVEN, IT YOU NEED TO USE CONTEMPORT PROPERTY, PLEASE CONTACT OUR SURVEYING & RIGHT OF WAY DIMISION AT (173) 207-6340 OR (173) 207-6440 OR (173) 207-6440 OR (173) 207-6440 OR (

AT&T TEXAS/SWBT FACILITIES;

The LOCATIONS OF AMI TOUGHER PROLITES ME SHOWN IN AN APPROXIMATE MAY ONLY.

THE CONTINUE OF AMI TOUGHER PROLITES ME SHOWN IN AN APPROXIMATE MAY ONLY.

AMERICA TO BE THULY RESPONSIBLE FOR MY HOW AND ALL DAWLESS WHO MOST ME COCKOROMED

FOR THIS FAULT TO EXECUTE CONTINUE OF PRESENT THESE UNDERSHOUND UNITED.

THE CONTINUE OF SHALL CALL 1—800—344—837 A MINIMAL OF 48 HOURS MINOR TO
CONSTRUCTION THE WE UNDERSHOUND LIKES FALL DUCKED, URSE FALL DUCKESS

TOUGHER TO THE WE UNDERSHOUND LIKES FALL DUCKED.

WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF ATACT TEMAS/SWET FACILITIES, ALL EXCAVATIONS BUSTS ER ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES, WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE ATAC

WHEN ATAST TEXAS/SWIBT FACILITIES ARE EXPOSED, THE CONTRACTOR SHALL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT DUCTS OR CABLES, WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.

HCC

HOUSTON COMMUN 3100 MAIN STREET [T] (713) 718-2000 (E1 (713) 718-2001

PGAL

PROJECT LOCATION 9010 LITTLE YORK ROAD HOUSTON, TEXAS 77016



JANUARY 28, 2020 SSUED FOR CONSTRUCTION



CONSTRUCTION NOTES

C0.10

1.1 RELATED DOCUMENTS

A DEWINNS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIMISION OF SPECIFICATION SECTIONS, APPLY TO THIS SECTION.

SECTION.

1.5 SANAMY
A SECTION INCLUDES

1. PIPE AND FITTINGS.
1. NON-PRESSURE PIPE COMPLANDS.
4. CLEMONIS.
5. WENNELES.
6. WARNELES.
6. NALTES/CUTION BOXES.
7. STOMMATER GUALITY STRUCTURES.

1.3 DEFINITIONS
A. FRP: FIBERGLASS—REINFORCED PLASTIC.

A ATTOM SERVING AND ATTOM STATE OF A STATE O

COORDINATION DRAWINGS: SHOW PIPE SIZES, LOCATIONS, AND ELDATIONS, SHOW OTHER PIPMS IN SAME TRENCH AND CHARACTER FROM STORM DRANGES FROM STORM DRANGES STORM DRANGES, PIPMS, AND PROXIMATE RETRIENT MANUFACES, PIPMS, AND PROXIMATE

STRUCTURES.

B. PRODUCT CERTIFICATES: FOR EACH TYPE OF PIPE AND FITTING, FROM MI
C. FIELD QUALITY-CONTROL REPORTS.

NOT PROCEED WITH INTERRUPTION OF SERVICE WITHOUT ARCHITECT'S WRITTEN

PART 2 - PRODUCTS

2.1 DUCTILE-IRON, PRESSURE PIPE AND FITTINGS

A. PUSH-ON-JOINT PIPING:

PPE IN PRST SUBPARAGRAPH BELOW SHOULD BE AVAILABLE IN NPS 3 TO NPS 64 (ON 80 TO DN 1600), BUT NO MANUFACTURER OF NPS 3 (ON 80) WAS LOCATED. JOINTS ARE CASKETED TYPE.

1. P.P.E. ANNA C151, FOR PUSH-ON JOINTS.
PITHOS IN PIRST SJEPARAGRAPH BELOW ARE ANALABLE IN NPS 3 TO NPS 48 (ON 80 TO DN 1209). ON 1200).

TITMOS IN PRIST SUBPRANCIUM REION ARE ANALARE. IN INPS 3 TO NPS 264 (DN 80 TO DN 1600) AND INPS 64 TO NPS 64 (DN 1350 TO DN 1600).

2. COMPACT FITTINGS: ARRING CISS, FOR PUSH-ON JOHNS.

3. GARRIES, ARRING CI11, ROBBERG, DY SHAPE MICHORNO PRE AND FITTINGS.

2.2 PE PIPE AND FITTINGS PIPMG IN FIRST PARAGRAPH BELOW IS AVAILABLE IN NPS 3 TO NPS 10 (DN 80 TO DN 250) SONTS ARE COURING TIPE. THE BETT OF THE PROPERTY OF TH

2.0 M S MECH LOURS CONTROL OF SOME AS A CONTROL OF

PPING IN FIRST PARAGRAPH ECLOW IS AWALABLE IN TWO THICKNESSES AND IN NPS 18 TO NPS 36 (IN 450 TO DN 800). JOINTS ARE CASKIETE TYPE. CARKETS ARE PURNISHED WITH PIPE AND

PPINO IN FIRST PARAGRAPH BELOW IS AVAILABLE IN NPS 4 TO NPS 12 (ON 100 TO DN 300).

ORNIS ARE GARRETED TIPE.

A. PAC PRESSAME PRINCE:

B. PIG PERSONE PRINCIP.

1. PPE: AMBA CADO, PIG PPE WITH BILL-ING-SPIGOT ENDS FOR GASKITED JORN'S.

2. GASKETS ASTR F 477, ELASTOMERIC SOLS.

PEPIN IN PRINCIPLE BLOW IS AMAJRIE IN INPS 1/8 TO INPS 24 (DN 6 TO DN 600). JOINTS AND SOLVENT-CARRIED THYE.

PIC MATER-SERVICE PIPMG (STORM FORCE MAIN):
1. PIPE: ASTM D 1785, SCHEDULE 80 PVC, WITH PLAN ENDS FOR SOLVENT-CEMENTED JOINTS.

ASTM D 2467, SCHEDULE 80 PVC, SOCKET TYPE.

24 CONDEST FIFE AND ITTINISE
CONDEST FIFE IN THE ARTICLE IS ANALISE IN WARY WARRIONS OF CLASS AND MALE
THOMASS. REVENT IN PAYLORISE STOMADIO ENTIRE WARRIONS SECTION,
PRING IN PRET PRAYCORES SOMADIES IN THESE CLASSES AND IN 195 4 TO 195 36
PRING IN THESE TRANSPORTER IS CONTINUED. LIM 100 IN 900). JOINTS ARE GASKETED TYPE.
PPING IN PARAGRAPH RECENT IS ANNUALED. IN FIVE CLASSES AND THREE WALL THOCKNESSES, AND
INPS 12 TO NPS 144 (DN 300 TO DN 3000). NOT ALL CLASSES AND WALL THICKNESSES ARE
ANNUALE. JOINTS ARE CASKETED TYPE.

ANNUALE. JOINTS ARE CASKETED TYPE.

RENFORCED—CONCRETE SERVER PIPE AND FITTINOS: ASTIM C7 (ASTIM C76W).

1. BELL—MO—SPIGOT OR TORQUE—MO—ORDOCK ENDS AND SEALANT JOINTS WITH ASTIM C 900 (ASTIM C 900W), BITMARIN OR BUTTL—RUBBER SEALANT.

2. CLOSS II, MALL C.

DESCRIPTION ASTM C 913, DESIGNED ACCORDING TO ASTM C 890 FOR A-16 (AASHTO H320-44), HEAVY-TRAFFIC, STRUCTURAL LOADING, OF DEPTH, SHAPE, AND DIMINESIONS INDICATED, WITH PROVISION FOR SEALANT JOINTS.

DEMONSTORS RODGATED, WITH PROVISION FOR SELVANT JOINTS.

BALLAST: SCHAFFE THOORISS OF ONE OF MODE PROVISOT CHOICEST SECTIONS OR ADD CONCRETE TO MANDICE AN EQUARD TO PROVIDE FLOATION.

JOHN SELVANT: ATTAC 690 (CHILD 69940), BITUMEN OR BUTY, RUBBER, RESEASON PRICE COMMERCIONS: ACTU C 223 (CHILD 623M), CAST OR FITTED INTO MANDICE MILES, FOR EACH PRIC COMMERCIONS.

A COMPY WITH ASTIN C 1173, ELECTROMENC, SLEENE—THE, REDUCING OR TRANSITION COUPLING, FOR JOINED, MIDERROSOLOS NEW-PRESSER FEPRIN. INCLUDE ERRO OF SAME SIZES PEPRIS TO BE JOINED, AND CORROSON-RESISTANT-METAL TENSION BAND AND TIGHTENNO MECHANISM ON EACH EXC.

MEDITORISE OF LIVES IN LIVES IN LIVES OF LIVES O

TO STATE STREAM A MEN. DO

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MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AMILIBLE MANUFACTURERS OFFERING PROCUCTS THAT MAY BE INCOMPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING.

6. MISSION RUBBER COMPANY. A DIASION OF MOP INCUSTRES. INC. DESCRIPTION. ASTM C 1440. ELECTOMPSIC OR RUBBER SLEDE WITH TULL-LENGTH, CORRESSION-RESISTANT CUITES SIELD AND CORRESSON-RESISTANT-METAL TENSION BAND AND TROTTENING MECHANISM OR EXCH DID.

MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AWALABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT AME NOT LIBRED TO, THE FOLLOWING:

MISSION RUBBER COMPANY: A DIMSION OF MCP. INDUSTRIES, INC.
 DESCRIPTION: ELASTOMERIC COMPRESSION SEAL WITH DIMSIONS TO FIT INSIDE BELL OF LARGER PIPE AND FOR SPIDOT OF SMALLER PIPE TO FIT INSIDE RING.

MANUFACTURERS: SUBJECT TO COMPLANCE WITH REQUIREMENTS, AWALAGE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCOMPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

METAL, BOLTED, SLEEVE-TYPE, REDUCING OR TRANSITION COUPLIND, FOR JOHNSO UNDERGROUND PRESSURE PIPING. INCLUDE 150-PSIG (1035-KPA) MINIMUM PRESSURE RATING AND DIOS SIZED TO PIT AUJOING PIPES.

CLEMOUTS CLEMOUTS (ALL YERCLIAN TOWTHS PRINTS AREAS):
ORT-HIGH CLEMOUTS (ALL YERCLIAN TOWTHS PRINTS AREAS):
NEW PROPERTY OF THE PRINTS AREA OF THE

DESCRIPTION: ASME A112.36.2M, ROUND, GRAY-IRON HOUSE WITH CLAMPING DEVICE AND ROUND, SECURED, SCORATED, GRAY-IRON COVER. INCLUDE GRAY-IRON FERRILLE WITH INSIDE CALK OR SPIGOT CONNECTION AND COUNTERSUME, TAPERED-THREAD, BRASS COUNTERSUME, BRASS COUNTERSUME, TAPERED-THREAD, BRASS COUNTERSUME, BRASS COUNT

TOP-LOADING CLASSIFICATION(S): HEAVY DUTY.
SINER PIPE FITTING AND RISER TO CLEANOUT: PVC SEWER PIPE FITTING AND RISER TO CLEANOUT OF SAME MATERIAL AS SEWER PIPHING.

PLASTIC CLEMENTS (GRASS AND NON-KONCLARE TRATTIC PHAND AREAS ONLY):

I, MANUFACTREERS: AREAST TO COMPUNE WITH PROMINDENTS: ANALABLE
MANUFACTREERS OFFEREND (PROCUSTS THAT MAY BE INCORPORATED WITO THE WORK
INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

INCLUCE, BIT PAR THE VALUE OF THE PARTY OF T

2.8 DECEMBER FOR PRINC (DUTILE HOS)
A STANDARD, ARIEN A RY OF REMINICION POLITIFICIAL FLUX OF 0.004-RICH (0.10-MM)
MINIMARY MODELLOUP, CHOSS-DAMMENTO POLITIFICIALE FLUX OF 0.004-RICH (0.10-MM)
MINIMARY MODELLOUP,
C. FORM: SHETT OR THAT.
D. COODER MACK.

DRESSER, INC.
FORD METER BOX COMPANY, INC. (THE); PIPE PRODUCTS DM.
JCM INDUSTRIES, INC.

RATING AND ENDS SIZED TO FIT ADJOINING PIPES.

). CENTER-SLEEVE MATERIAL: DUCTILE IRON.

E. GASKET MATERIAL: NATURAL OR SYNTHETIC RUBBER.

F. METAL, COMPONENT FINISH: CORROSION-RESISTANT COATING OR MATERIAL.

DISAN COMPANY
DISAN NC
MEAS. NC
SMEN. MY S. MFG. CO
TILES PEC.
MITTER MATTER TECHNOLOGIES. NC
JURN SPECIFICATION DENNAGE O

GRADE RINGS: REINFORCED-CONCRETE RINGS, 6- TO 8-INCH (150- TO 225-MM) TOTAL THICKNESS, TO MATCH DAMETER OF MANNOLE FRAME AND COVER, AND OF HEIGHT REGULARD TO ADJUST MANHOLE FRAME AND COVER TO INDICATED ELEVATION AND SLOPE.

MICONED TO ANADA SENSOL TO ANA

LINCOPACIES AGENTA-PLACE CONDITIES ACCORDING TO ACT 318, ACT 350/3509 (ACT 350M/3509M), AND THE ACCORDING ASSUMPTION AND THE ACCORDING ASSUMPTION AND ACCORDING ASSUMPTION ASSUM

MATERIAS RATIO.

1. REMOTICACIO PRINCE. ASTIN A 185/A 185M, STIEL, WELDED WINE FARRIC, FLAN.

2. REMOTICACIO SINCE. ASTIN A 185/A 185M, GRACE DO (400 MAY) DEFONDED STIEL.

WANNIGEL CHANNELS FOR BESINCES. FLACTORY OF RELD FORMER ONCO CONCRETE. PORTILANO CEMBRIT ESSON
MAY, ALONO PER (27.28 MAY) MANNIANI, WATER/CEMBRITITIOUS MATERIAS RATIO. RELIGIO
MANNIELS AND RESINEES IN MANNIANI. . CHANNELS: CONDRETE INVEST, FORMED TO SAME WIDTH AS CONNECTED PIPIND, WITH HEIGHT OF VERTICAL SIDES TO THREE-FOURTHS OF PIPE DIAMETER. FORM CURVED CHANNELS WITH SMOOTH, UNFORM RADIUS MOD SLOPE.

NO 5.09°C.

a NORTH SOUTH I PRICEDY THROUGH WANNOW.

2. REDICINE: CONCERTE, SOUTH TO SOWN HITO CHANNEL.

a SOUTH I PREVIOUR.

BAUGHT AND PIPE SHIPVORTS HOTO, WHICH DESIGN MIX. 2,000 PS (GGT WPA) WANNAW, WITH CLEW WANNAW CETTO, CONTINUED CHANNEL STOROLD.

WALKER AND PIPE SHIPVORTS HOTO.

MANIMAN WERENT/CROMPTIONS METERAL SHOOL.

I. REVERTICINED FROME THAT MESSA, THEM, STIELL, MELECO WERE FAMILE, FLAVE,

I. REVERTICINED FROME THAT MESSA, THEM, STIELL STIELL STIELL

CONTROL MESSA AND ARTICLES FROM THE STIELL STIELL

CONTROL MESSA AND ARTICLES FROM THE CASA, FREEDOM, STIENCES

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AND ARTICLES FROM THE STIENCES

A

1. JOHN STALAMIS ASTUL O'S 900 (ASTUL O'S 904), WITURED OR WITTH, RUMBUR.

2. AULISTING ROBES - INTERCOCOURS MEROS WITH LEDUL OR SLOPED LODG IN THICKNEES AND SHAPE MATCHING CATCH BASIN FRAME AND GRATE. INCLUDE SEALAHT RECOMMENDED BY SING MANUFACTURER.

3. PIPE COMMETCHOSE: ASTUL O'S23 (ASTUL O'S23M), RESULDIT, OF SIZE REQUIRED, FOR EACH PIPE COMMETCHOS DAGE SECTION.

**CONTINUES OF THE PARTY AND AND A STAND, STEELDER, OF SEE MODINE, FOR DOLD FIFE TRUSH, AND ADDRESS AND AND ASS, GORGE CA-SIE, DOCUMEN ADDRESS AND ASS, CORES CANADA, CONTINUES AND ASSOCIATION, AND ASSOCIATION ASSOC

SOLINE WASHINGTON, TERRITORIS

OCH-M--PLACE ON PROCEST CONCRETE, STOMMANDE CETENDON STRUCTURES. CONSTRUCTED OF

OCH-M--PLACE ONE PROCEST CONCRETE, STOMMANDE CETENDON STRUCTURES.

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INVESTMENT'S RECORDS.

NUMBER INCOMES THE PROPERTY OF THE PROP

MARKOLE FRANCS AND COVERS ACTUAL 536, GAME 60-46-18, QUICTLE-ROYN CASTINGS DESIGNED FOR HAVE-CURT SERVER. INCLUSE 24-HION (601-48), DE 97 - 37 0-49-01 (175-70 25-44) SREE WITH 4-HON-(102-MAN) MANISMA WITH FLANCE, AND 26-HON-(600-MAN-) DAMETER COVER. INCLUSE INSCRIED FOR DESIGN WITH LETTERING COST, BURNE MORDINGS DOUBLEAST OF STRONG SERVE.

TO 3 — DEPUTION

DEPHACION

DISMATION, TRENCHING, AND BACKFILLING ARE SPECIFIED IN SECTION 312000 "DARTH MOVING."

""" PRESENT ORDERNA

SOMETHAL LOCATIONS AND APPRAISABLETS. DEMANNS PLANS AND DETAILS INDICATE GREEN, LOCATION AND APPRAISABLES OF LUCEDER AND APPRAISABLES. LOCATION AND APPRAISABLES OF LUCEDER, AND APPRAISABLES OF PRIPE, LOCATION AND APPRAISABLES OF PRIPE, LOCATION AND APPRAISABLES OF LUCEDER AND APPRAISABLE AND APPRAISAB

INSTALL PIPMG REGINNING AT LOW POINT, TRUE TO GRACES AND ALGORITHM INSTALL CARGOSTIC WITH UNBROKEN CONTINUITY OF INVEST. PLACE BELL ENGO OF PEPMG FACING DEPSIESAM. INSTALL GARGETS, SCALS, SLEEYS, AD COMPLING ACCORDING TO

AND DESCRIPTION OF THE PROPERTY OF THE PROPERT

1. RESTALL PRINCE PRIOR FORWER DOWN IN DESCRIPTION OF THE RETEMBED JOINTS OF THE FITTINGS AND AT COMMISSES.

STREET, PRIOR LIFE OF THE STREET, ON THE STREET INSTALLATION MANUAL."

STALL FORCE—MAIN PRESSURE PIPMIC ACCORDING TO THE FOLLOWING:

INSTALL PRING WITH RESTRAINED JOINTS AT TEE PITTINGS AND AT MOREZONTAL AND VERTICAL CHANGES IN
DIRECTION. LISE CORROSION—RESISTANT ROOS, PIPE OR FITTING MANUFACTURER'S PROPRIETARY RESTRAINT
SYSTEM, OR ROAT—IN-PLACE CORDITET SUPPORTS OR MICHIGINE.

SPITIAL OF GOD-IN-PLACE CONSETTE SUPPORTS OF MICHOUSE.

SPITIAL PRIVATE WITH STATE CONTROL OF THE STATE CONTROL ON THE STATE CONTROL OF THE STATE CONTROL OF THE STATE CONTROL ON THE STATE CONTROL OF THE STATE CONTROL ON THE STATE CONTROL ON

1. DUCTILE-IRON PIPE AND FITTINGS

3.3 PEF CONT CONSTRUCTON. NON-PRESSURE DIMMACE PIPES ACCORDING TO THE FOLLOWISH.

A JOH ORDITE-TION, NON-PRESSURE DIMMACE PIPES ACCORDING TO THEM COCK OF JAMES MAY.

J. JOH DESTRUCTORS PIPES AND DESCRIPTION ACCORDING TO JAMES COCK JAMES MAY.

3. JOHN POLICIEST PIPES ACCORDING TO JATE 0 2221 AND JATE 0 2004 FOR ELASTIMENCIAL OR J

A off will to 2004 FOR LADSGROWN COUNTY DOTTED ACTION TO 100 to 2004 FOR LADSGROWN-COLAR LADSGROWN COLORS AND THE CLUB COLORS FOR COLORS AND THE CLUB COLORS FOR COLO

3.12CLEANNS
A. CLEAN INTERIOR OF PIPING OF DIRT AND SUPERFLUOUS MATERIALS. FLUSH WITH CLEAN AND CLEAR WATER.

AS CLEMENT RESTAURTION DESCRIPTION FROM EXPERT PRES TO CLEMENTS AS CREATE UP CASH-MON COL.

RECALL CLEMENT AS PRESS AT TRANSPORT FOR CLEMENTS AND CASH-MON SOL PERFOR RECEIVED COLOR

CLEMENTS. RESTAUL PRINC SO CLEMENTS OFFEN IN PRECINC OF FLOW IN SERIES PPFC.

1. USE MEDIAL-DUTY, TO-CLEMENT CASH-MONE CLEMENTS AND WHITE, PRINCE OF UNIVERSE POST-MONEY.

CLANDITS. BROLL PIVE 30.

LOSS BROLL PIVE 30.

LOSS

S. SET TOPS OF FRAMES AND COVERS FLUSH WITH FINSHED SURFACE OF MANHOLES THAT OCCUR IN PAVEMENTS. SET TOPS 3 INCHES (76 MM) ABOVE FINSHED SURFACE ELSEWHERE UNLESS OTHERWISE INDICATED.

33 COMMITTEE OF THE PROPERTY O

WE CONNECTIONS TO EXTENSI PERMO AND UNDERSKOUND MAN-DLESS.

DEE COMMERCIALLY MANAFACTURED WE'R FITTIONS FOR PEPMOR BRINCH CONNECTIONS. PREMOVE SECTION OF THE PERMON PROPERTY PROPERTY OF THE PERMOVE SECTION OF THE PERMOVE SECTION

MAKE BRANCH CONNECTIONS FROM SIDE INTO DISSING PIPING, NIPS 4 TO NIPS 20 (DN 100 TO DN 500), RIMOVE SECTION OF DISSING PIPE, INSTALL WITE FITTING INTO EXCENSIVE PIPING, AND ENGASE ENTIRE WITE BOTH OF INCIDES THE ONLY OF INCIDES THE SENERAL TO FACE OF SIZE OF THE ONLY OF

MAKE BRANCH CONNECTIONS FROM SDE INTO DISTING PIPING, NPS 21 (DN 525) OR LARGER, OR TO INDECEMBRING MANAGER AND STRIPTINGS BY CHITTAIN MAY EVENTURE HAT AND OSCITURE AN OSCIAL LARGE THE SECOND WORKSHOP, MANY DESCRIPTION FOR SECOND WITH SECOND SECO

A MICETAL DESIGNATION PROPERLY MANAGES, AND ESSENTIES TO PREMISE CONCERTE ON EARNE FROM DETERMINE AND ADMINISTRATION OF CONCERT. ON EARNE FROM DETERMINE CONCERT. ON SERVICE IN SECURITY DESIGNATION INTERCEPTOR AND ADMINISTRATION OF THE CONCERT. ON A PROPERTY ON A PROPERTY OF THE CONCERT. ON A PROPERTY OF THE CONCERT.

MARIE PIPOL URLESS ORGERES TRECHTE. THE THREE TRECHTE IN VIEW THEORY THAN THE THREE TREES AND THE SHELDED INCIDENCE COMPANIES OR ON URNO DIFFERENCE OF PIPES.

IN INVESTIGATION OF THE THREE COMPANIES OF PIPES WITH DIFFERENT CO. ON MON-THE CHARGE COMPANIES OF PIPES OF PIPES

ABANDONED PIPMO: CLOSE OPEN ENDS OF ABANDONED UNDERGROUND PIPMO INDICATED TO REMAIN IN PLACE, INCLUDE CLOSURES STRONG ENCOUNT O WITHSTAND INDIGSTAND AND EARTH PRESSURES THAT MAY RESULT AFTER DECIS OF ABANDONED PIPMO HAVE EBEN CLOSED. UNSE ETHER PROCEDURE BEING.

DIGG OF AMMONIND PRING HIME BEDIN CLOSED. USE ITTHER PROCEDURE BELDINE.

1. CLOSE OPIN DIGG OF PRING WITH AT LEXEST H-IN-CL, COL)—MAIN—THOSE, BRICK MISCHNY BELIVER/OR.

2. CLOSE OPIN DIGG OF PRING WITH THREADED METAL CUPS, PLASTIC PLUSS, OR OTHER MOCEPTABLE METHODS
ON THE ROOF DIGG.

ABMORDED MANNINGS MOST STRUCTURES. DICKNATE AROUND MANNIOUS AND STRUCTURES AS REQUIRED AND USE.

REMOVE TOP OF MANHOLE OR STRUCTURE DOWN TO AT LEAST 36 INCHES (915 MM) BELOW FINAL GRACE. FILL TO WITHIN 12 INCHES (300 MM) OF TOP WITH STONE, RUBBLE, GRAVEL, OR COMPACTED DRT. FILL TO TOP WITH CONCRETE.

ON LANS AND DETECTS.

ON TEAMS AND DETECTS.

ON HIS FORCES, COME, OR PUT INTO SERVICE SEFORE NEPECTION AND APPROAD.

IN THE TEAT COMPLETED PRO-STITISE ACCORDANCE TO REQUISIONERS OF AUTHORITIES HAVING JURISDICTION.

SOCIETUE TESTS AND REPECTIONS OF AUTHORITIES HAVING JURISDICTION WITH AT LEXIS 24 HOURS' ADMACE
ROTTE.

LL TO GRADE ACCORDING TO SECTION 312000 "EARTH MOVING."

AS MANHOLE INSTALLATION
A CREMEL INSTALL MANHOLES, COMPLETE WITH APPLATEDANCES AND ACCESSORIES INDICATED.
B REGILLA, PRECIDENCE CONCRETE MANHOLE SECTIONS WITH SEALANTS ACCORDENCE TO ASTIM C 891.
C. WHOSE SPECIFIC WANHOLE CONSTRUCTION IS NOT INDICATED, FOLLOW MANHOLE MANIFERIZACIONS.

3.6 CATCH BASIN/ORATE INLET AND JUNCTION BOX INSTALLATION A. CONSTRUCT STRUCTURES TO SIZES AND SHAPES INDICATED. B. SET FRAMES AND GRATES TO ELEVATIONS INDICATED.

3.7 CONCRETE PLACEMENT
A. PLACE CAST-IN-PLACE CONCRETE ACCORDING TO ACI 318.

A SOURCE TESTS AND INSPICIOUS BY AUTOMITES HAVING ARRECTION WITH ALL LIKE IT IN HOUSE ANAMOZE
A CHINE STANDARD STRONG FOR FOLK IT.

6. GRAVIT-FLOW STOWN OPWARDS FANGE.

TEST ACCORDING TO RECORDER OF A RECORDER OF A PROPERTY IN HUMB ARRECTION, WHITE A AND INFO FOLKING FANGE STANDARD AND A RECORDER OF A RECORDE

C1.10



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PGAL

PROJECT LOCATION 9010 LITTLE YORK ROAD HOUSTON, TEXAS 77016







SECTION 311000 - SITE CLEARING

THE RELATE DOCUMENTS

A DAMANGS AND GENERAL PROASONS OF THE CONTRACT, INCLIDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION OF SPECIFICATION SCHOOLS, APPLY TO THIS SECTION.

SUMMAY

5. FROM PICTURE DESTINO VESENTON TO REMAN.

5. ERROWNE DESTINO VESENTON.

5. CLEMAN AND CREMENC.

5. SERVINON AND CREMENC.

5. REMOVAN AND CREMENC.

5. REMOVAN AND CREMENC.

6. REMOVAN AND CREMENC.

6. REMOVAN AND CREMENC.

7. TOWN OF AND CREMENCE OF SERVINO, AND REMOVAND STE VILLIES.

7. TOWN OF AND CREMENCE.

7. TOWN OF AND CREMENCE.

8. REMOVE SERVINO.

8. REMOVE CREMENCE.

1. SECTION 015000 "TEMPORARY FACILITIES AND CONTROLS" FOR TEMPORARY UTILITY SERVICES, CONSTRUCTION AND SUPPORT FACILITIES, SECURITY AND PROTECTION FACILITIES, AND TEMPORARY EROSON— AND SEDMENTATION—CONTROL MEASURES.

1.3 DEPARTORS
A SURGOL ML SOL BENEATH THE TOPSOL LAYER OF THE SOL PROFILE, MID THPHED BY THE LACK OF ORGANIC MATTER AND SOL ORGANISMS.

B. SURFACE SOIL: SOIL THAT IS PRESENT AT THE TOP LAYER OF THE EOSTING SOIL PROFILE AT THE PROJECT SITE. IN UNDISTURBED AREAS SUCH AS URBAN ENVIRONMENTS, THE SURFACE SOL IS TYPICALLY TOPSOIL; BUT IN DISTURBED AREAS SUCH AS URBAN ENVIRONMENTS, THE SURFACE SOIL CAN BE SUBSOIL.

PROTECTION ZONE: AREA SURROUNDING INDMOUNT TREES, GROUPS OF TREES, SHRUBS, OR OTHER VEGETATION TO BE PROTECTED DURING CONSTRUCTION, AND INDICATED ON DRAWINGS.

E. TREE-PROTECTION ZONE: MEA SURROUMEND RONDOW. TREES OR GROUPS OF TREES TO BE PROTECTED DURING CONSTRUCTION, AND DIFFIELD BY A CRICLE CONCENTRIC WITH EACH TIREE WITH A RADUS 1.5 TIMES THE DAMETER OF THE DRIP LINE UNITS INDCOVERS, GRASS, AND OTHER PLANTS.

A. EXCEPT FOR STRIPPED TOPSOIL AND OTHER MATERIALS INDICATED TO BE STOCKPILED OR OTHERWISE REMAIN OWNER'S PROPERTY, CLEARED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM PROJECT SITE.

15. INFORMATION CREATING.

DIRECT CONCENSION DOCUMENTON OF DISTRICT THESE HIS PLANTINGS, ADDRESS CONCENSION, HIS SITE MERICIALITY.

THAT ESPAINES RECONSENDED CONCENSION THAT WHITE ELECONSTRUES AS DAMAGE CAUSES BY SITE CLAMMA.

1. LUE SUFFICIENT CHEATER PROTESSION OF VISCOSIONE.

2. INCLIFE FUND AND ADMINISTRUM TO MOUNT SPECIFIC WOULDS AND DAMAGE CONCINONS OF EACH THEE OR OTHER PLANTS
RESISTANCE TO ESSAUL.

B. RECORD DRAWINGS: IDENTIFYING AND ACCURATELY SHOWING LOCATIONS OF CAPPED UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, AND MECHANICAL CONDITIONS.

1.7 PROJECT CONDITIONS

A TRAFFC: MININIZE INTERFERENCE WITH ADJOINING BOADS, STREETS, WALKS, AND OTHER ADJACENT COCUPIED OR USED FACULTES DURING SITE-CALERING OPERATIONS.

PAULITES DURNO SIE-CLURINO GERATIONS.

1. DO NOT CLOSE OR GESTRUCT STREETS, WALLS, OR OTHER ADJACENT OCCUPIED OR USED FACLUTES WITHOUT PERMISSION PROM OWNER ADJINICHOTES WHITHOUT DIRECTION.

2. PROVINCE ALTERNATE ROUTES ANOUND CLOSED OR GESTRUCTED TRAFFIC WAYS IF REQUIRED BY OWNER OR AUTHORITES WHITHOUT DIRECTIONS.

MANUAL JARDICTION.

B. IMPRODUENTS ON ALCOHOME PROPERTY AUTHORITY FOR PERFORMIC SITE CLEANING ROCATED ON PROPERTY ALCOHOM CHRIST CHRIST CLEANING ROCATED ON PROPERTY ALLOHOM CHRISTICS PROPERTY ALL BE CORRECTED FOR POPERTY ALLOHOM CONTROL OF THE PROPERTY ALLOHOM CONTROL OF PROPERTY ALLOHOM POPERTY HALL DECEMBED AF MONTECT.

C. SLUAGE, REPRODUENTS. CHEFFULLY ROCKE FIDES ROCATED TO ES SALVACED AND STORE ON OMERT'S PREDMESS HADER ROCKETS.

INJURATED BUTTOR SERVICE: NOTIFY UTILITY LOCATOR SERVICE / CALL BEFORE YOU DIG / TEXASB11 FOR AREA WHERE PROJECT IS LOCATED BEFORE SITE CLEARING.

IS COUNTED BEFORE SITE CLEARING OPERATIONS UNTIL TEMPORARY EROSION— AND SEDIMENTATION—CONTROL AND TREE—PROTECTION MEASURES ARE IN PLACE. 1. DO NOT COMMENCE SITE CLEANED OFENSIONE UNIT. TOPPOSE DISSISSION OF SILENDAMENT PROFESSION AND SILENDAMENT AND SILENDAMEN

MONING." IN GERMA PRIPOSED BORROW SOL MITTERN, O'F-SITE WIND SATISFACTION SOL MITTERN, IST AMARKEL CHI-SITE.
AMBRICAT COMING: PART-CLARING, LIAC- MOD GROWNET-REEL, STLF-CARROL, LIMPAGEAL, MODERN-LIACO PRIMED COMPLYING
WITHOUT COMPRISONAL RELLA, TRANSIC SESTEM-AND SOL SESTEM SESTEM SOL SESTEM S

3.1 PREPARATION
A PROTECT AND UNIFORM REPORTANCES AND SURVEY CONTROL POINTS FIND DESTREAMED DURING CONSTRUCTION.
B. LOCATE AND CLARAY EXCENSIVE PRESS, SHARES, AND ORIDER VEXEXATION TO SEAVE OR TO SE RELOCATED, WAVE A 1-INCH. (25-449) BLUE VITE TO THE PLAY AND ADD THE SET INSERT AS INSERTS (37.23 AND ADD THE GROUND.
C PROTECT DOSTRING SITE AMPROACHANGES TO REASON FROM DURING CONSTRUCTION.
I. RESTORE QUARANT DERIVORATION TO SERVEN FROM DURING CONSTRUCTION.

3.1 TREMONING PROSERVA DE SEMENTATION CONTROL. MESSARES TO PREPAIT SOIL EROSION AND DESCHARED OF A PROVINCE TRANSPORT PROSENT. AND ESCHARED OF A PROVINCE TRANSPORT PROSENT AND ESCHARED OF A PROVINCE TRANSPORT PROSENT AND ESCHARED OF A PROVINCE TRANSPORT AND ESCHARED OF A PROVINCE TRANSPORT AND ESCHARED OF A PROVINCE TRANSPORT AND ESCHARED OF A PROVINCE AND ESCHARED OF A CONTRIBUTION ACTION TO NOT VERTICATION HOSE RECEIVED.

C. REPARCE, MANNAR, AND STAYLE REGISTOR. AND ESEMENTATION-CONTROL MUSICALES DURING CONCRIBENCION WITH, PERMANDIT VEREZIONO HOSE ESTERBELE PROVINCE.

D. RELINOR PROSERVA AND SEMENTATION CONTROLS AND RESTORE AND STANLEY RANGE DETURBED CURRING RELINOR.

3.2 THERE AND PLANT PROTECTION.

A GENERAL PROTECT TREES AND PLANTS ERMANING ON-SITE ACCORDING TO REQUIRED MEDICATION OISSAN "TEMPORAL" REAL PROTECTION TO SEMENTATION OF A PROVINCE AND PLANTS ERMANING ON-SITE ACCORDING TO REQUIRED MEDICATION OISSAN "TEMPORAL" REAL PROTECTION.

B. REPAR OR REPLACE TREES, SHRUBS, AND OTHER VECETATION INDICATED TO REMAIN OR BE RELOCATED THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS, IN A MANNER APPROVED BY ARCHITECT.

A CONNER WILL ARRANGE FOR DISCONNECTING AND SEALING INDICATED UTILITIES THAT SERVE DISTING STRUCTURES BEFORE SITE CLUMNIC, WHEN RECRUSTED BY CONTRACTOR.

A COURT, AND A SPANNESS, THE SECONDECTION ON SEALON SECURITY STRUCT SERVE DISTING STRUCTURES BEFORE STEEL

1. LOWER FOR LITTLES WERE SEND SECONDECTION ON COUPTED SECONDECTION SET SET CLANING.

8. LOCATE, CERTIFY, DECOMECT, AND SEAL OR OF UTILITIES REGISTED TO BE RESIDED.

2. DOING THE LITTLE COMMENTS DO SHIP OF RECIDITATION.

2. DOING THE LITTLES OF SECONDECT, AND SECONDECTION OF RECIDITATION.

C. LOCATE, EIGHTH, ADDISONATE UTILITIES BEGIN REQUESTED BY CONTACTOR.

C. LOCATE, EIGHTH, ADDISONATE UTILITIES BEGIN REQUESTED BY CONTACTOR.

6. PRIMATION DISERVED AND SECONDECT UTILITIES BEGIN REQUESTED BY CONTACTOR.

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6. PRIMATION DISERVED AND SECONDECT UTILITIES BEGIN REQUESTED BY CONTACTOR.

6. PRIMATION DISERVED AND SECONDECT UTILITIES BEGIN RECORD BY ADMINISTRATION OF THE PRIMATION OF THE PRIMATION

ACCORDING TO REQUIREMENTS INDICATED:

1. NOTIFY ARCHITECT NOT LESS THAN TWO DAYS IN ADVANCE OF PROPOSED UTILITY INTERRUPTIONS.

2. DO NOT PROCEDE WITH UTILITY INTERRUPTIONS WITHOUT ARCHITECTS WRITTEN PERMISSION.

DICHARTE FOR AND REMOVE UNDERGROUND UTILITIES INDICATED TO BE REMOVED.

P. REMONAL OF LINDERGROUND UTILITIES IS INCLUDED IN EARTHWORK SECTIONS AND WITH APPUCABLE FIRE SUPPRESSION, PLUMBING, HVAC, ELECTRICAL, COMMAINICATIONS, ELECTRONIC SAFETY AND SECURITY AND UTILITIES SECTIONS.

3.5 CLAMPIA ON GENERAL COMMANDATION, LILLERON SHAP WAS EXCEPT AND UNITED SECTION.

3.6 CLAMPIA ON GENERAL SHAPE, OF OTHER VESTION TO FIRST RESILLATION OF OTHER CONTINUES.

A RELACT CONTINUES.

5.0 REAL COST SHAPE AND CONTINUES. SHAPE AND CONTINUES AND CONTINUES.

5.0 REAL COST SHAPE AND CRASH COST, GENERAL CONTINUES AND CONTINUES.

5.0 REAL COST SHAPE AND CRASH COST, GENERAL COST.

5.0 CLAMPIA COST SHAPE AND CRASH COST SHAPE AND CRESS TO A SEPTI OF A SEPTI OF AND CRASH COST SHAPE AND CRA PLACE FILL MATERIAL IN HORIZONTAL LAYERS NOT EXCEEDING A LOOSE DEPTH OF 8 INCHES (200 MM), AND COMPACT EACH LAYER TO A DENSITY EQUAL TO ADJACENT ORIGINAL GROUND.

3.6 TOPOLI STREPPING
A REMOVE SOD AND GRASS BEFORE STRIPPING TOPSOLI.
B. STRIP TOPSOLI TO CEPTH OF 6 INCHES (150 MM) IN A MANIER TO PROVENT INTERMINGUAG WITH UNDERLYING SUBSOLI OR OTHER WASTE MATERIAL.

HORSE MOST MUTDALE.

1 MINOR SERVICE MAN HOM-DOE MUTDALE FOR TOPICAL MUTDALE COVE LIMITS, SWILL, MAD OTHER GALCTIS MADE.

C. STOCHAST FORCE, MAN FROM DOE OF DECIMINOS WINDOWN MODEL MUTDALE MUSDAL. GAME FROM DOE OF THE MUTDALE MUTD

4. STOCKHILL SWENLA SANTA SANT PAINT CUT ENDS OF STEEL REINFORCEMENT IN CONCRETE TO REMAIN WITH TWO COATS OF ANTRUST COATING, FOLLOWING COATING MANUFACTURER'S WRITTEN INSTRUCTIONS. KEEP PAINT OFF SURFACES THAT WILL REMAIN EXPOSED.

3.6 DEPOSA OF SUPPLIS AND WISTE WITERLS.

A RELAY SUPPLIS SOS, METERAL, UNGERHEET TOPOSA, COSTRUCTIONS, POWASHED METERALS, AND WISTE METERALS

RECLUSION FROM AN DEETH, AND DOCUMENT OFFICE OF ORBITS PROTORY.

B. SEPARET METERALS, METERALS, PROCESS DAVING STREET CLASSIES FOR UNITERIOR, CHARGE METERALS, STREET OR

B. SEPARET METERALS, CONTROLL, WITERLY PROCESS DAVING STREET, CHARGE STREET, CONTROLL, CHARGE STREET, CONTROLL, CHARGE STREET, C



HOUSTON COMMUN 3103 MAIN STREET [T] (713) 718-2000 (E1 (713) 718-2001

PGAL

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C1.20

1.1 RELATED DOCUMENT

II. MAJECTE DECEMBERAL PROMISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION OF SPECIFICATION SCHOOLS, APPLY TO THIS SECTION.

- 1.2 SUMMARY

 A SECTION INCLUDES TEMPORARY EXCAVATION SUPPORT AND PROTECTION SYSTEMS
 B. RELATED REQUIREMENTS:
- RELATE DECORREMENTS:

 1. SECTION (1333) "HIGHORNIPHIC DOCUMENTATION" FOR RECORDING PREDISTING CONDITIONS AND EXCHANTION SUPPORT AND PROTECTION SYSTEM PRODRESS.

 2. SECTION 31000 "WARTH MONNY" FOR EXCHANTING AND BACKFILLING AND FOR CONTROLLING SUPFACE—WATER RUNCET AND
- SECTION 31200 PONDING. SECTION 312319 "DEWATERING" FOR DEWATERING EXCAVATIONS.

- S. SECTION 1928 TOWNSTEWN FOR DEMOTRING DEMOTRONS.

 J. FRE-ARRIBLATION METTING

 A. FRE-ARRIBLATION CONTRIBUTED. CORDICT CONTRIBUTE AT PROJECT STIL.

 FINISHE SECTION CONTRIBUTED.

 2. ROTHER DISTRIBUTED. STREAM SO, SERVERACE, COMMISSION,

 5. ROTHER PROPRISED DISTRIBUTED. SHATTER, VERNER, AND CONTRIBUTION OF UTILITY SERVICES.

 6. ROTHER PROPRISED DISTRIBUTED.

 6. ROTHER MONTRIBUTED DISTRIBUTED.

 7. ROTHER CONTRIBUTED. GOVERNOON, SHATTER, AND PROTECTION SYSTEM.

 7. ROTHER CONTRIBUTED WITH MINISTRATION.

 8. ROTHER ARROPMONEDT OR REMOVAL OF DICAMATON SHIPPORT AND PROTECTION SYSTEM.

- IS INVEST AMACOMENT OF REDUX. OF DOWNTON SUPPORT AND PROTECTION SYSTEM.

 1. A FROILD TAKE: FOR EACH THE OF PRODUCT.

 1. INCLUED, CONTROLLED REPAILS, MARKEN, DOCKRETON, PERFORMANCE PROPERTIES, AND EMPORIORS OF ROMOUN.

 18. SHOP DOWNSOL. OF THE DOWNTON SUPPORT AND PROTECTION SYSTEM, PROPERTIES OF A UNDER THE SUPPORTION OF A GUILLED PROTECTION, EDIDERED.
- LUMBERT PRINTED SOMEWIL ENWESTER.

 1. INCLUDE PLANS, ELEMBRONS, SECTIONS, AND DETALS.

 2. SHOW ARRANGEMENT, LOCATIONS, AND DETALS OF SOLDIER PLES, PLING, LAGGING, TEBLOCKS, BRACING, AND OTHER COMPANIENTS OF DECIMATION SUPPORT AND PROTECTION SYSTEM ACCORDING TO ENGINEERING DESIGN.
- INDICATE TYPE AND LOCATION OF MATERIFOCHING.
 INCLUDE A WRITTEN FUNL FOR EXCHANGE SUPPORT AND PROTECTION, INCLUDING SEQUENCE OF CONSTRUCTION OF SUPPORT AND PROTECTION COORDINATED WITH PROCRESS OF EXCHANGEN.

- A QUALIFORM DUAY FOR MODESSORM, EMPRESS.

 B. COMPACTOR CAULATIONS: FOR ENDOLMEND SUPPORT AND PROTECTION SYSTEM. INCLUDE ANALYSIS DATA SICHED AND SEALED FOR THE QUALIFIED PROFESSIONAL DISENSER RESPONSIBLE FOR THEIR PREPARATION.

 C. CENTING COMMONIS. SURAP PROTECTIONSHES, SOWD DESTINES CONTINUES OF AUDICENT CONSTRUCTION AND SITE IMPROVIDENTS THAT USEY HE SECONSTRUCT AS DIAMACE CLUSED BY INDEQUATE PERFORMANCE OF DICAMATION SUPPORT AND PROTECTION SYSTEMS. SUBJECT RESPONSIBLES.
- D. RECORD DRAWINGS: IDENTIFY LOCATIONS AND DEPTHS OF CAPPED UTILITIES, ABANDONED-IN-PLACE SUPPORT AND PROTECTION SYSTEMS, AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS.

- I FILD CONTINUES

 INTERMEDIA OF DESTING UILLIES. DO NOT INTERMET ANY UILLITY SORNING FIGURES COCKIFED BY ORMER OR ORIGINAL MANUSCRIPTION OF THE PROPERTY OF TH
- OWER S NOT RESPONSE FOR INTERPETATIONS OR CONCLUSIONS DAWN FROM THE DAY.

 MINEX ADDRESS HAT EMBRESS AND CONCLUSIONS DAWN FROM THE DAY.

 MINEX ADDRESS HAT EMBRESS AND CONCLUSIONS DAY OF PRINCIPA RECORDS TO THE PERFORMANCE PRINCIPAL RECORDS TO THE PERFORMANCE RECORDS TOTAL PRINCIPAL RECORDS TO THE PERFORMANCE RECORDS TO THE PERFORMANCE ADDRESS TO SURFACE ADDRESS TO SURFACE

- PERFORMANCE REQUIREMENTS

 PROMDE, DESIGN, MONTOR, AND MANTAIN EXCAVATION SUPPORT AND PROTECTION SYSTEM CAPARE OF SUPPORTING EXCAVATION SIDEMALS AND OF RESISTING EARTH AND HYDROSTATIC PRESSURES AND SUPERIMPOSED AND CONSTRUCTION LOADS.

- A COMMINGEN FOR THE DESIGNATION STEELS WELL SEPARATION AND LOSSING SHEET OF CONTINUENCE AND LOSSING SHEET OF THE SHEET OF

- 2.2 MATERIAS

 A CORRUL PROVICE METERIAS THAT ARE CITIES NEW OR IN SERVICIPALE CONDITION.

 B TRINCIPALE STEEL ASTIN A 39/A 38M, ASTIN A 89/A 690M, ON ASTIN A 92/A 93M.

 C STEEL SPEET PRIMED SSEEL A 33/A 328M, ASTIN A 75/A 57/M, ON ASTIN A 49/A 690M, WITH CONTINUOUS INTERCON
 WITH A STEEL ASTIN ASTIN A 33/A 328M, ASTIN A 75/A 57/M, ON ASTIN A 49/A 690M, WITH CONTINUOUS INTERCON
 WITH A STEEL ASTIN A
- INVALUET APPLICATION.

 F. COLTI-H-PLACE CONCRETE: ACI 301, OF COMPRESSIVE STRENGTH REQUIRED FOR APPLICATION.

 G. REPROTECTION DAME: ASTIM A 815/A 815M, GRACE 60 (DRAGE 420), DEFORMED.

 H. TERMONS: STEEL BROS, ASTIM A 722/A 722M.

 I. TERMONS: STEEL STRENG, ASTIM A 416/A 416M.

- FIRST 3 USCOUND.

 3.1 PREPARATION

 A PROTOCT STRUCTURES, SOEMANS, PARADINIS, AND ORDER FAILURES FROM DAMAGE CAUSED BY SETTLINENT, LATERAL MOVEMENT, LANGERMANN, RESPORT, AND ORDER FAILURES FOR DAMAGE CAUSED BY SETTLINENT, LATERAL MOVEMENT, LANGERMANN, RESPORT, AND ORDER FAILURES FOR COLLEGE PLANE ELECTRICAL STRUCTURES.

 STREET OFFICE OFFICE AND ADMINISTRATION.
- SYSTEM OFFENDORS.

 1. SHORE, SUPPORT, AND PROTECT UTILITIES ENCOUNTERED.

 1. SHORE, SUPPORT, AND PROTECTION SYSTEMS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ANALOST COCCUPIE AND USED FRACTIFIES.
- , DO NOT CLOSE OR OBSTRUCT STREETS, WAIRS, OR OTHER ADMICBUT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAWNG JURSDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAS IN FEDURED OF AUTHORITIES. HAWNG JURSDICTION.
- C. LOCATE EXCAVATION SUPPORT AND PROTECTION SYSTEMS CLEAR OF PERMANENT CONSTRUCTION SO THAT CONSTRUCTION AND PROTECTION SYSTEMS CLEAR OF PERMANENT CONSTRUCTION SO THAT CONSTRUCTION AND PROTECTION OF OTHER WORK IS NOT IMPEDED.
- PRESENCE OF ORDER WORK IS NOT IMPLICE.

 32 SOLDER FILES DUCINOS

 A NOTAL TIETE SOLDER FILES STORE STRONG ENOMATION. DOTIBLO SOLDER FILES BELOW DIOMNOTON GOME LIVEL TO
 DEPTHE RECORDER TO PROCOD LIGISMA, ANAMABIT. SPACE SOLDER FILES AT BEDAUGH RETOWNER WIT TO DOCUTE ALLEMBALE
 (ON MIN FIRM A HORIZONIAL LIME NOW HOT LIVET THEN 1135 OUT OF VERTICAL ALLEMBALE.

 (SO MIN) FIRM A HORIZONIAL LIME NOW HOT LIVET THEN 1135 OUT OF VERTICAL ALLEMBALE.

 RESTALL ROOM CHORN WITHER FILESCH OF SOLDERS FILES DECEMBRION PROCESS. THEN DECIMBON AS REQUIRED TO
 C. RESTALL WALLS HORIZONIALLY AT LICOTRONS INDUSTED OUT DAMANDES AND SICLARE TO SOLDERS FILES.

- 3.3 SHEET FILING
 A BEFORE STARTING EXCANTION, INSTALL ONE-PECE SHEET PILING LENGTHS AND TIGHTLY INTERLOCK VERTICAL EDGES TO FORM A CONTINUOUS MAPRIER.
- CONTROLOG BARRER.

 CONTROLOG BARRER.

 CONTROLOG BARRER.

 CAUGURITY FACE THE PEAR, USBOT DIMENTES AND GUIDE PRAMES UNLESS OTHERWISE RECOMMINISED IN METTING BY THE SHEET PLANS DAWNER/LINERS. LIMIT VERTICAL OFFSET OF AUACUST SHEET PLANS TO GO INCHES (1000 MM). ACCUSANTLY AND DOORSD FACE OF SHEET PLANS TO WAY FORT MORE THAN 1712 OUT OF VIOLENTIAL AUGUSTAN.

 MORE THAN 1712 OUT OF VIOLENTIAL AUGUSTAN.

- C. CUI TOPS OF SECT PLUIS UN UNIVERSE ASSESSMENT OF THE SECTION OF

- PRESSURES.

 3.5 BRACKER OF WALLS MAY BE REQUIRED FOR SOLDER PLES AND LIGHTS STETLES AND FOR SHEET PLANS.

 3.5 BRACKER OF WALLS MAY BE REQUIRED FOR SOLDER PLES AND LIGHTS STETLES AND FOR SHEET PLANS.

 5. DON'T PLACE BRACKLE HERE SHEET, I WILL BE CHET SHO OF RACLICED IN PERMANENT CONSISTE FOR LAUGHS OFFERENCE.

 1. DON'T PLACE BRACKLE WHERE IT WILL BE CHET SHO OF RACLICED IN PERMANENT CONSISTE FOR LAUGHS OFFERENCE.

 2. BREATLA INTERNAL PRINCIPLE OF PROFITS PRESSURED OF BUTCHS OF BRACKLES FOR UNIT, PERMANENT CONSISTENCE AND LAUGHS OFFERENCE.

 3. MURINIA BRACKLES CHIEF STRUCTURES LIGHTS AND SPROTTED BY OTHER BRACKLES OR UNIT, PERMANENT CONSTRUCTION IS ARE. TO WITHOUT AUTHORITHM.

- B PROMPTLY CORRECT DETECTED BULGES, BREAKAGE, OR OTHER EVIDENCE OF MOVEMENT TO ENSURE THAT EXC. AND PROTECTION SYSTEM REMAINS STABLE.
- C. PROMPTLY REPAIR DAMAGES TO ADJACENT FACILITIES CAUSED BY INSTALLATION OR FAULTY PERFORMANCE OF EXCAVATION SUPPORT AND PROTECTION SYSTEMS.
- SAPPORT ARE PROTECTION STOTLES.

 3.7 SERDOUL AND ENTITIONS.

 3.7 SERDOUL AND ENTITIONS.

 4. EXCHANGE AND ENTITIONS.

 5. SERDOUL AND ENTITION STOTLES SERVICE AS STOCKED AND ENTITIONS TO A PROTECTION.

 6. TO SAMPLE STREAM, AND ENTITION STOTLES AND ENTITION OF A BROKE STOCKED AND ROOM.

 1. CONTINUED AND ENTITION STOCKED, PROTECTION STOCKED AND ENTITION OF A BROKE STOCKED AND ROOM.

 7. CITAL NOOS AND ENTITION STOCKED AND ENTITION OF A BROKE STOCKED AND ENTITION STOCKED AND ENTITION OF A BROKE STOCKED AND ENTI



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EXCAVATION SUPPO AND PROTECTION SPECIFICATIONS 315000

C1.30

- 1.1. RELATED DOCUMENTS

 A DRAWNOS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIMISSON OF SPECIFICATION SECTIONS, APPLY TO THIS SECTION.

- SIAMARY
 A SECTION INCLUDES CONSTRUCTION DEBMIDIBNO.
 RELIATIO REQUIREMENTS:
 1. SECTION 0.13233 "PHOTOGRAPHIC DOCUMENTATION" FOR RECORDING PREDISTING CONDITIONS AND DEBMIZERING SYSTEM PROCESSES. 2. SECTION 312000 "EVERTH MOVING" FOR EXCAVATING, BACKFELING, SITE GRADING, AND CONTROLLING SURFACE-WATER RAIGHT AND PONEMA.
- 1.3 ALLOWANCES A. NONE.

- TA PRE-RESILLATION METRINGS
 A PRE-RESILLATION CONFERENCE COMPUTET CONFERENCE AT PROJECT STIL.

 1. YERRY ANNAHULTY OF RESILLER'S PERSONNEL, ECOPPAINT, MO PROJETES MEETED TO MAKE PRODRESS AND MODIFICATION.
- 2. RELIEW CONDITION OF SITE TO BE DEWATERED INCLUDING COORDINATION WITH TEMPORARY EROSION-CONTROL MEASURES AND TEMPORARY CONTROLS AND PROTECTIONS.

- 1.5 ACTION SUBMITTALS
 A SHOP DEMBNIGS: FOR DEMATERING SYSTEM, PREPARED BY OR UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER.
 - ENGINEEY.

 1. NICLUDE PLANS, ELEVATIONS, SECTIONS, AND DETAILS.

 2. SHOW ARPANGEMENT, LOCATIONS, AND DETAILS OF WELLS AND WELL PONTS; LOCATIONS OF RISERS, HEADERS, FILTERS, PLANS, PORTE WIRTS, AND DETAINED LINES, AND MEMORY OF DISCHARGE, CONTROL OF SEMBENT, AND DESPOSAL OF PLANS, PORTE WIRTS, AND DECEMBER LINES, AND MEMORY OF DISCHARGE, CONTROL OF SEMBENT, AND DESPOSAL OF PLANS, PORTE, WIRTS, AND DECEMBER LINES, AND MEMORY OF DISCHARGE, CONTROL OF SEMBENT, AND DESPOSAL OF PLANS, PORTE, PLANS, PROPERT, PROPERT, PLANS, PORTE, PLANS, PROPERT, PROPERT, PLANS, PROPERT, PLANS, PROPERT, PLANS, PROPERT, PROPERT, PLANS, PROPERT, PLANS, PROPERT, PROPE, PROPERT, PROPERT, PROPERT, PROPERT, PROPERT, PROPERT, PROPER
 - 3. NICLUDE LAYOUTS OF PIEZOMETERS AND FLOW-MEASURING DEVICES FOR MONITORING PERFORMANCE OF DEMATERING SYSTEM.
 - 4. NICLUDE WRITTEN PLAN FOR DEBATERING OFERATIONS INCLUDING SEQUENCE OF WILL AND WELL-POINT PLANDIST CORRENATED WITH EXCANSION SHORMS AND BRACINGS AND CONTROL PROCEDURES TO BE ADOPTED IF DEBATERING PROBLEMS REST.

- 1.6 INFORMATION, SEMITIALS
 A OUR-PLOTON DAY, FOR INSTALLER.
 B. FEED DAYLL-FORM, ESPORTS.
 C. DISTING CONDITIONS. USERS PROTOSUMPRS, SHOW ENSIRE CONDITIONS OF AUXCENT CONSTRUCTION AND STE
 SEMICOLARICH TO WORST SELECTIONSHIPS, SHOWNED CONSTRUCTION OF FAMILIEST CONSTRUCTION AND STE
 SEMICOLARICH TO WORST SELECTIONSHIPS AS DAWLED CONSERVED.
- D. RECORD. DRAWINGS: IDENTIFY LOCATIONS AND DEPTHS OF CAPPED WELLS AND WELL POINTS AND OTHER ABANDONED-IN-PLACE DEMATERING EQUIPMENT.
- 1.7 CHAITY ASSURANCE.
 A RESALLER QUALIFICATION: AN EXPERIENCED INSTALLER THAT HAS SPECIALIZED IN DESIGN OF DENATORING SYSTEMS AND DESIGN GWORK.
- A PROJECT-SITE INFORMATION. A SCOTTCHARCH, REPORT HAS REEN PREPAIRED FOR THIS PROJECT HIS IS NUMBER FOR WORMAND ONLY. THE CHARGE OF A CORRESSOR IN THIS REPORT HAS THE OTHER CASE OF A CORRESSOR OF A REPORT HAS THE OTHER CASE OF A CONTINUE. A CONTINUE A CONTINUE AND A CONTINUE A CONTINUE A CONTINUE A CONTINUE A CONTINUE AND A CONTINUE A CONTINUE AND A CONTINUE A CONTINUE A CONTINUE AND A CONTINUE A CONTINUE A CONTINUE AND A CONTINUE A CONTINUE AND A CONTINUE A CONTINUE AND A CONTINUE A CONTINUE A CONTINUE AND A C
- PACAMENTAL ID THE PERFORMANCE REQUIREMENTS.

 2. THE GETCHANING, REPORT IS INLICED DESIRENTS IN PROLICE MANUAL.

 2. THE GETCHANING, REPORT IS INLICED DESIRENTS IN PROLICE MANUAL.

 SIMPLY MORE. DESIGNED A GUALIFIED DESIRENTS IN PROLICE MANUAL.

 SIMPLY MORE. DESIRENT MORE DESIRENT AND PROTECTION FOR THE STATE OF THE ST

- DEMATERING PERFORMANCE: DESIGN, FURNISH, INSTALL, TEST, OPERATE, MONITOR, AND MAINTAIN DEMATERING SYSTEM OF SUFFICIENT SCOPE, SZE, AND CAPACITY TO CONTROL. HTDROSTAINE PERSSURES AND TO LOWER, CONTROL, REMOVE, AND DEPOSE OF GROUND WATER AND PERMIT DOCKATION AND CONSTRUCTION TO PROCEED ON DRY, STAMLE SUBGRANDES.
- DESIGN DEMITIDING SYSTEM, INCLUDING COMPRIMENSIVE DIGNEERING ANALYSIS BY A QUALIFIED PROFESSIONAL ENGINEER.
 CONTINUOUSLY MONTRIS AND MANTAIN DEMITISHING OFFERSTORS TO DISSURE ENGING CONTROL. STREAMENT OF EDICAMATIONS
 PERMANENT STREAMENT AND PREVENTION OF PROCEDURE IN EDICAMATION. AND PREVENTION OF DAMACE TO SERVICE MICE.
- PUBMINIOR STRUCTURES.

 3. PRODET SIEFACE MATER FROM DITENNO DICENTORS OF GROUND, DIES, OR DIFFER MEMOS.

 3. ACCOMPLISM DEMATERING MITHOUT DAMAGNG DISTING BUILDINGS, STRUCTURES, AND SITE MPROVIDED ADJUSTED BUILDINGS.

 BUILDINGS.
- E. REMAY DEWLERING SYSTEM WHEN NO LONGER REQUIRED FOR CONSTRUCTION.

 B. REGULATORY REQUIREDERIS: COMPLY WITH COVERNING EPA NOTIFICATION REDULATIONS BEFORE BEGINNING DEWATERING. COMPLY WITH WATER- AND DEBIS-OSPOSIA, REQUIREDINGS OF AUTHORITIES HAWING JURISDICTION.

- PART 3 DECISION

 A PROTECT STRICTURE, UTILITES, SECRIAIS, PARCIAISTS, NO OHER PACIFIES FROM DANCE CAUSED BY SETTLEMENT,
 LUTER, MODISSET, DECEMBRING, RESOURT, AND OHER HOUNGS DELETED BY DERICEMED OPERATIONS. THOSE HOUSE CONTINUES AND PROTECTION OF THE PACIFIES OF THE PACIFIC OF THE PACIFIC
- CONTROL OF SERVICE OF
- D. PROTECT AND MANTAN TEMPORARY REGIONA NO. SCHUENTING AND CONTROL, OF SURFACE WATER.

 D. PROTECT AND MANTAN TEMPORARY REGIONA NO. SCHUENTING NO. OCHROLS, WHICH ARE SPECIFED IN SECTION 015000
 TEMPORARY FACULITES AND CONTROLS," AND/OR SECTION 311000 "SITE CLEARING," AND AS SHOWN ON DRAWINGS DURING DEMOTERNO OFFERTONIS.
- INSTALL DEWATERING SYSTEM UTILIZING WELLS, WELL POINTS, OR SIMILAR METHODS COMPLETE WITH PUMP EQUIPMENT, STANDER POWER AND PUMPS, FILTER MATERIAL GRADATION, VALVES, APPURTENANCES, WATER DISPOSAL, AND SURFACE-WATER CONTROLS
- CONTROLS.

 1. SPACE WILL POWER ON WILLS AT INTERNALS REQUIRED TO PROVIDE SUPPOSED, WAS DESCRICT-WILTER.

 2. USE TATUES ON ORDER MANNES TO PRECIOEN THANKING OF THE SAMES ON SUST FROM THE SUMBHUMPACE.

 REVIEW DOWNING POSTERS AND OFFINITION TO LORIEN WAS THE OF STETEME LOUSE BEFORE DOWNING BELOW
 C. PROVIDE SHAPE, SEMMENTATION THANS, AND OTHER FLORE FOR DOCES AS REQUIRED BY AUTHORITIES HAWNE
 AUTRICATION.
- JURISDICTION.

 D. PROVIDE STANDBY EQUIPMENT ON-SITE, INSTALLED AND AVAILABLE FOR IMMEDIATE OPERATION, TO MAINTAIN DEMATERING ON CONTINUOUS BASIS IF ANY PART OF SYSTEM BECOMES INADEQUATE OR FAILS.

- 3.3 OPERATION
 A OPERATE SYSTEM CONTINUOUSLY UNTIL DRAWS, SERIERS, AND STRUCTURES HAVE BEEN CONSTRUCTED AND FILL MATERIALS
 HAVE BEEN PLACED OR UNTIL DEWATERNO IS NO LONGER RECOVERED.

 TO STRUCTURES AND CONSTRUCTION OF STRUCTURES, AND CONSTRUCTION OF STRUCTURES, AND CONSTRUCTION OF STRUCTURES. AND CONSTRUCTION OF STRUCTURES, AND CONSTRUCTION OF STRUCTURES.
- 8. GERBACT SYSTEM TO LORGE AND CONTROL GROUND WATER TO PRIVAT EXCAMATION, CONSTRUCTION OF STRUCTURES, AND PLACEMENT OF PILL MITEMAS ON DIFF SUBMINISCES, DRAWN WATER-RESIDENG STRIAL AGOS MORE NO. BELLOW BOTTON OF FOURCRATIONS, DRAWN, STRIPES, AND OTHER DOCUMENTORS.
 1. DO_NOT_PRIVAT OFFENSIVE PHARMS THAT LOSS TO LOSS OF PINES, SOL PPING, SUBGRADE SOFTENING, AND SLOPE
 - DO NOT PERMIT OF
- PROJUBILITY.

 2. REDUCE IMPROSTATIC HEAD IN WATER-BEARING STRATA BELOW SUBGRADE ELEVATIONS OF FOUNDATIONS, DRAINS, SEWERS, AND OTHER DOCUMENTORS.
- AND OTHER DICHARIONS.

 3. MANTAIN PEZCHETRIC WATER LEYEL A MINIMAM OF 24 NICHES (600 MA) BLOW BOTTOM OF DICHARION.

 5. MANTAIN PEZCHETRIC WATER DEVICE DE COMMERCIAN IN A MANNER THAT ANDDS DICHARION. PERCH DEVICE, PROPERTY, AND PORTIONS OF WERE MADER CONSTRUCTION OR COMPLETED. DISPOSE OF WATER AND SEZMENT IN A MANNER THAT ANGOS INCOMMENDATED OF OTHERS.
- D. REMOVE DEWATERING SYSTEM FROM PROJECT SITE ON COMPLETION OF DEWATERING, PLUG OR FILL WELL HOLES WITH SAND OR CUT OFF AND CAP WELLS A MINIMUM OF 36 INCHES (900 MM) BELOW OVERLYING CONSTRUCTION.

- 3.4 FIELD QUALITY CONTROL

 A OBSERVATION WELLS OR PEZCHETER, TAVE MEASUREMENTS, AND MARKAN AT LEAST THE
 MANUAL NUMBER RECURLIE, ACCITIONAL OBSERVATION WELLS MAY BE REQUIRED BY AUTHORITIES HOWN, JURISDICTION.

 1. OBSERVE AND RECORD DALY ELEVATION OF GROUND WATER AND PEZCHETER MATER LEVELS IN OBSERVATION WELLS.
- WHINTOW MINISTER SHOWS CALL CLAUTION OF GROUND WHITE AND PEZOMETRIC WATER LIVELS IN ORDERATION HELDA. IN CRESSIVE ON BECOME ON THE CLAUTION OF STATE OF STAT 3. FLO GERMOND MILLS BROCK PEDMICTOR, WELL HOLD MED REPORTED BROCK PEDMICTOR, WELL HOLD MED REPORTED BROCK PEDMICTOR, WELL HOLD MED REPORTED BROCK PEDMICTOR, WELL HOLD SHOULD BROCK PEDMICTOR BROCK PEDMICTOR BROCK PEDMICTOR BROCK PEDMICTOR BROCK PEDMICTOR PEDMICTOR BROCK PEDMICTOR PEDMI

- C. PROVIDE CONTINUAL OBSERVATION TO OPERATION.

 D. PREPARE REPORTS OF OBSERVATIONS.

- END OF SECTION 312319

HCC

HOUSTON COMMUN 3103 MAIN STREET HOUSTON, TX 77002

[T] (713) 718-2000 (E1 (713) 718-2001 PGAL

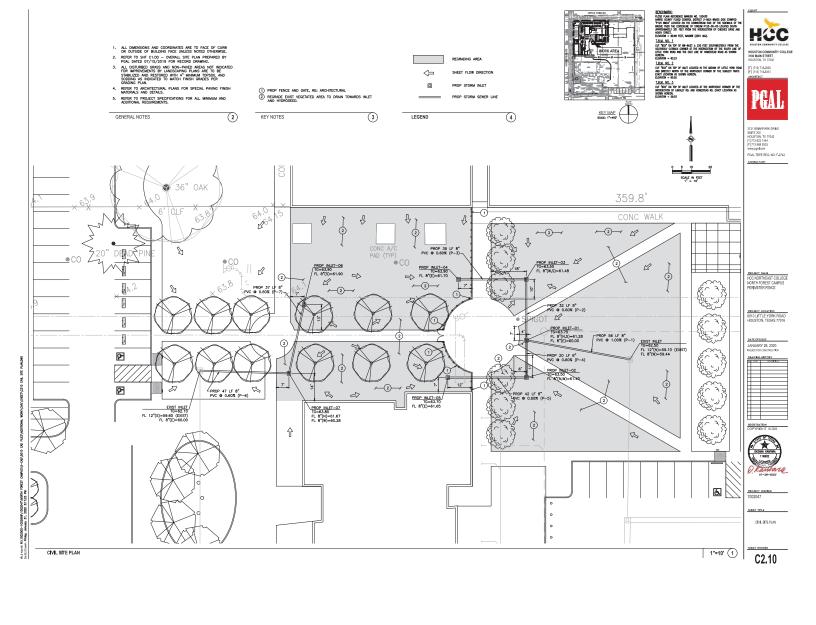
PROJECT LOCATION 6010 LITTLE YORK ROAD HOUSTON, TEXAS 77016

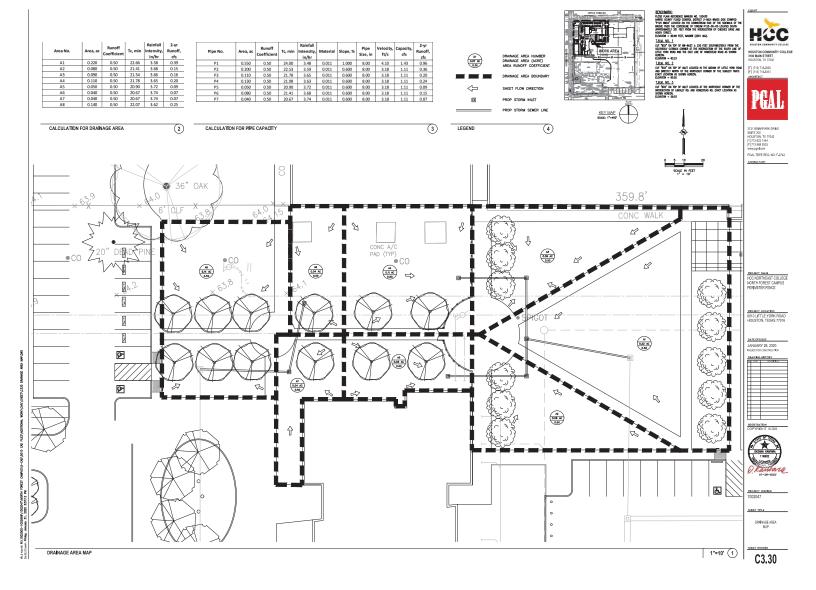
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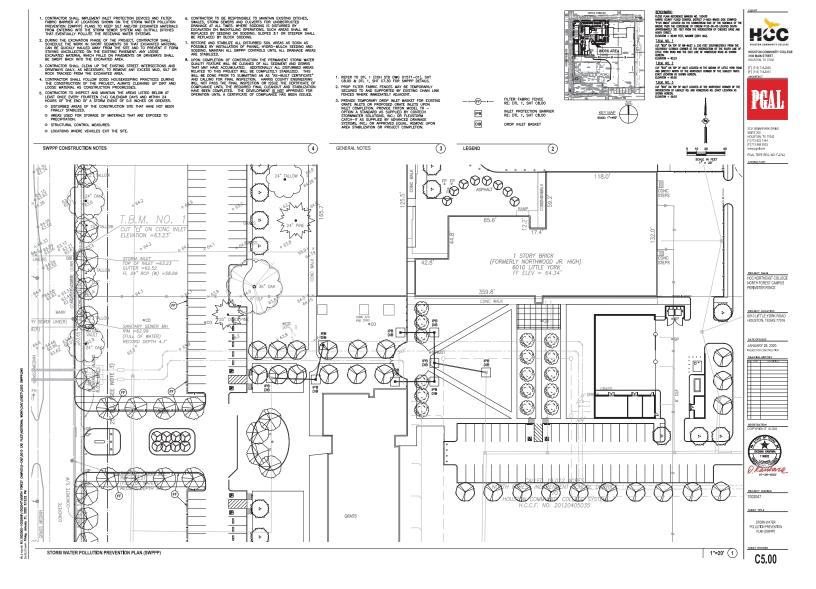




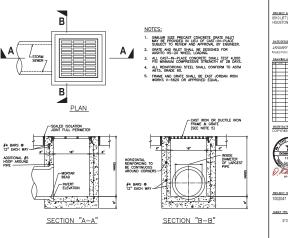
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STORM INLET DETAILS (TY 1 GRATE INLET)

HCC NORTHEAST COLLEGE NORTH FOREST CAMPUS PERIMETER FENCE

990JECT LOCATION 6010 LITTLE YORK ROAD

JANUARY 28, 2020

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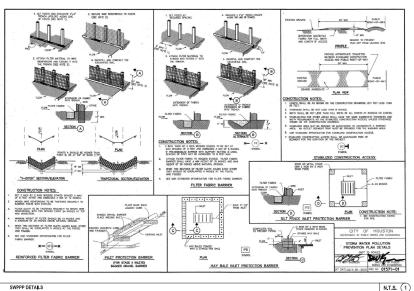
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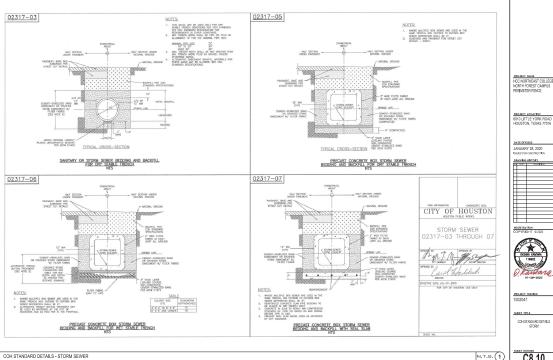
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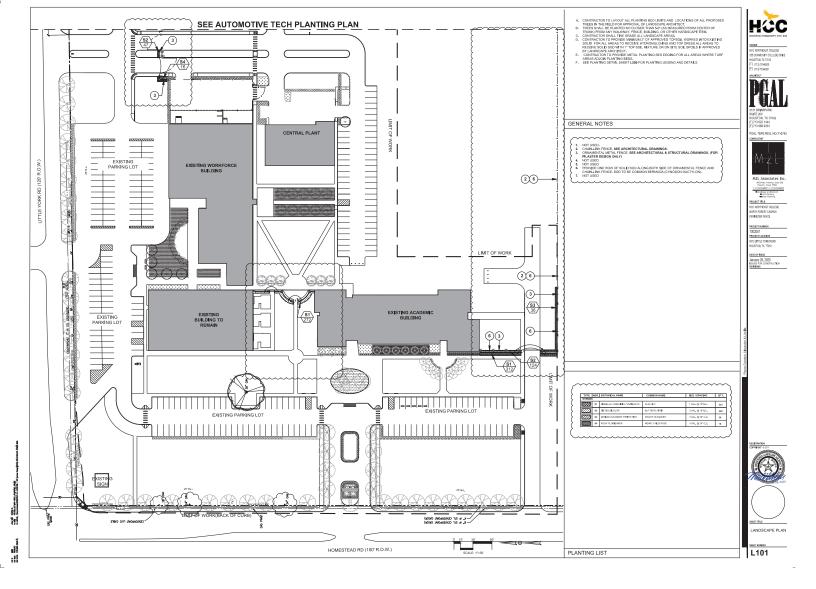
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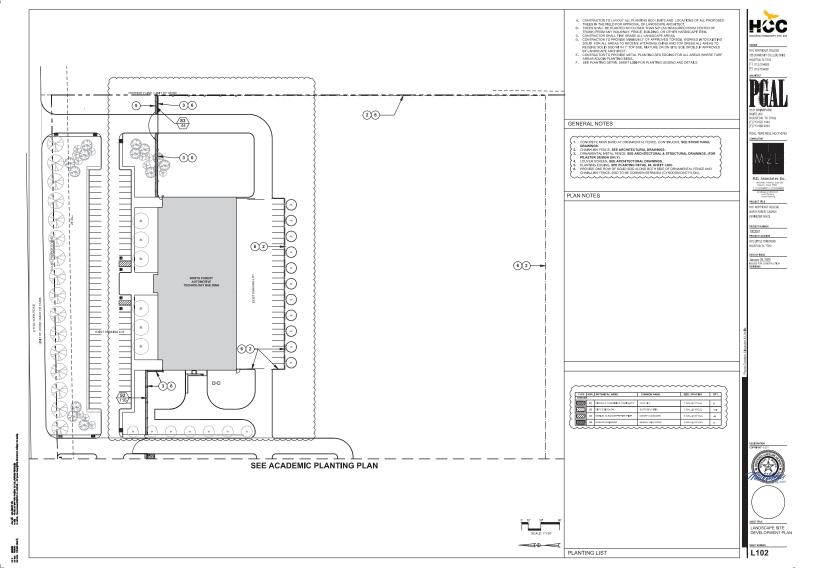
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