

PAYSON HOTEL

MIKE MARTINEZ



REVISIONS		
DATE	BY	REMARKS



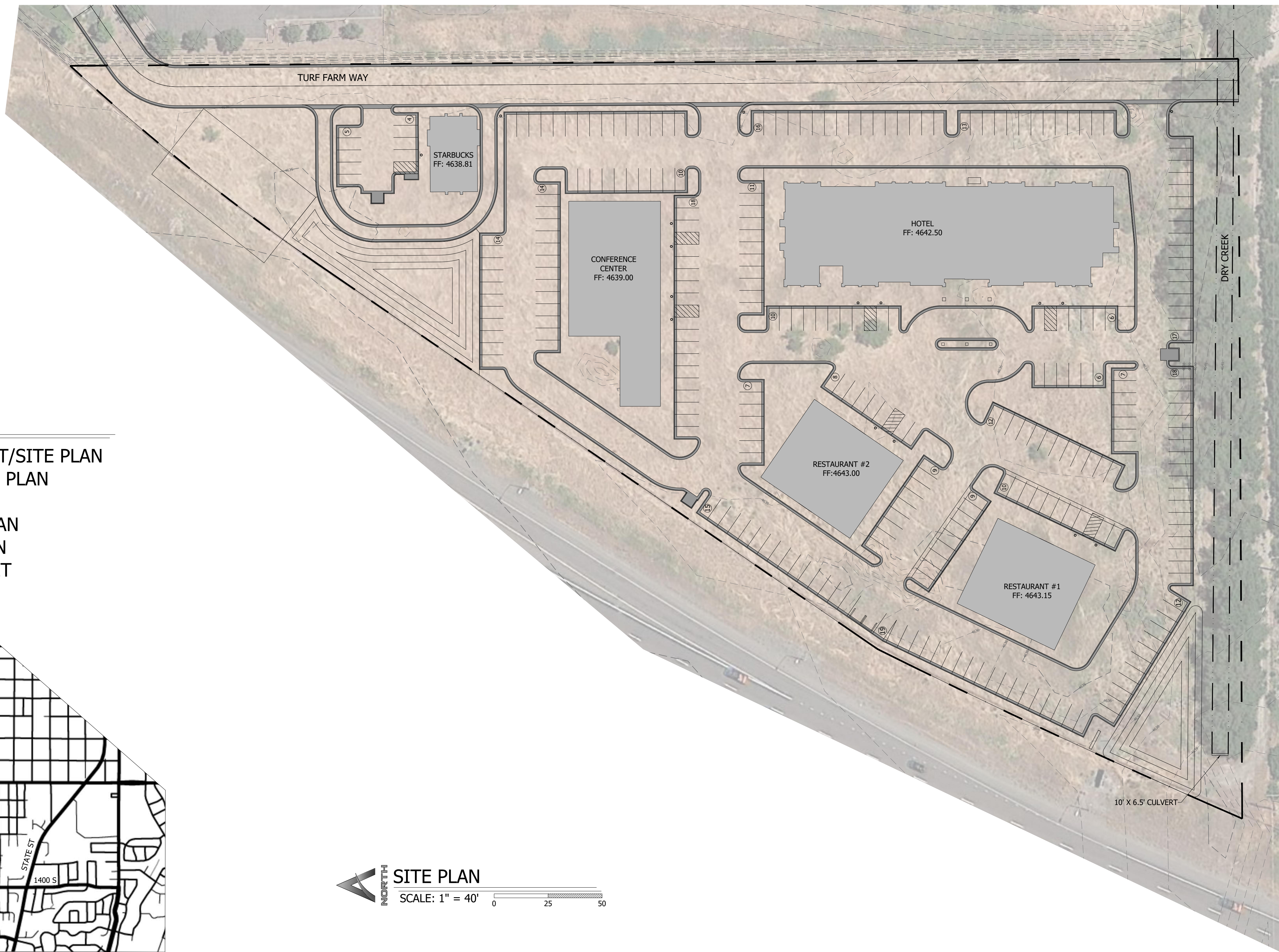
PAYSON HOTEL SUBDIVISION
COVER SHEET

FOR: MIKE MARTINEZ

LOCATION: PAYSON, UT

DATE: 5/28/2020

DRAWING: C-1



SHEET INDEX

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C-2	DEMOLITION PLAN
C-3	SITE PLAN
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D-1	DETAIL SHEET



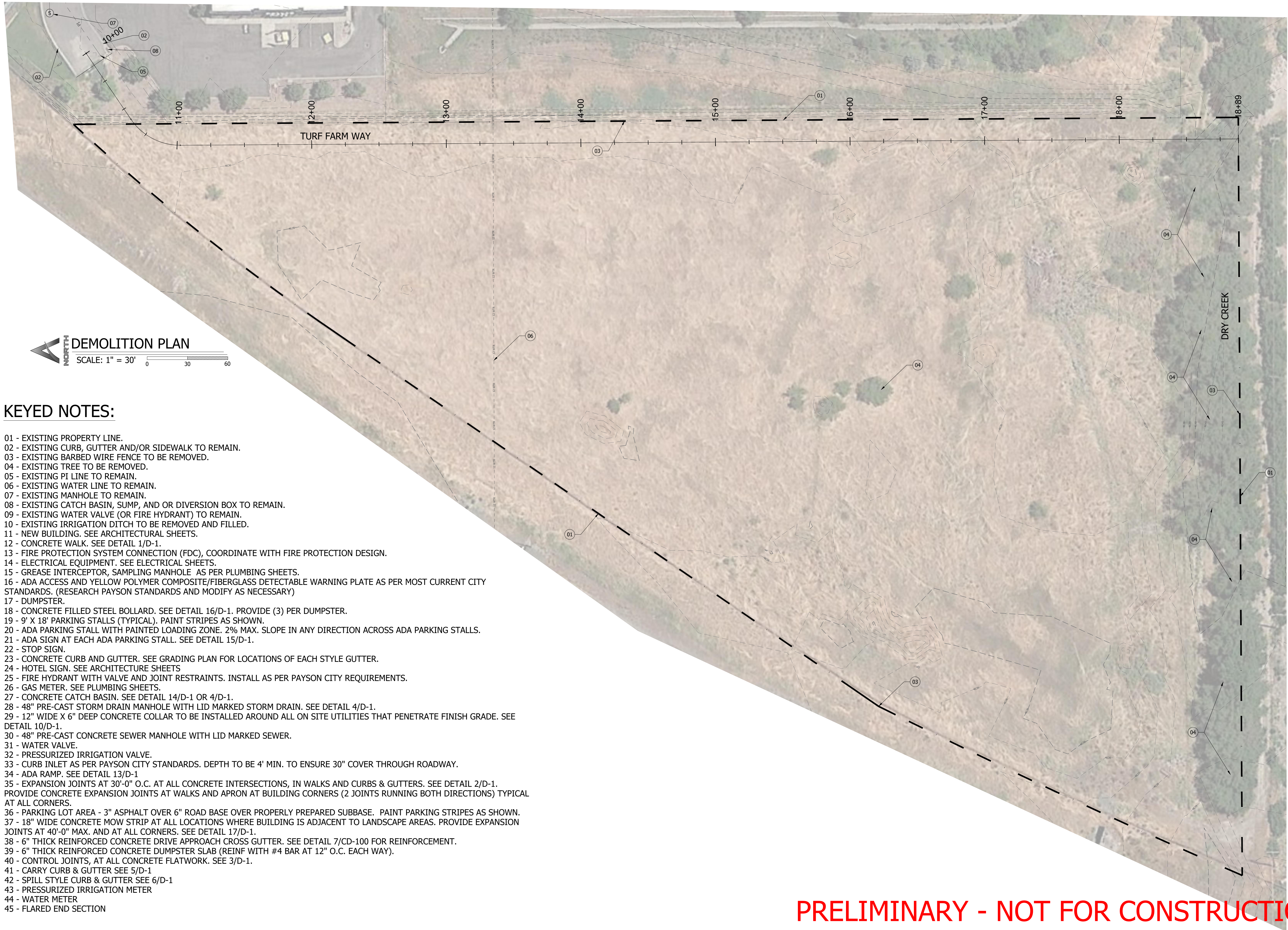
VICINITY MAP

SCALE: N.T.S.

SITE PLAN

SCALE: 1" = 40'

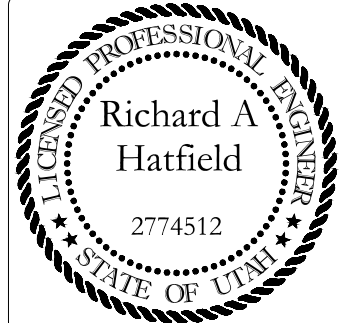
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KEYED NOTES:

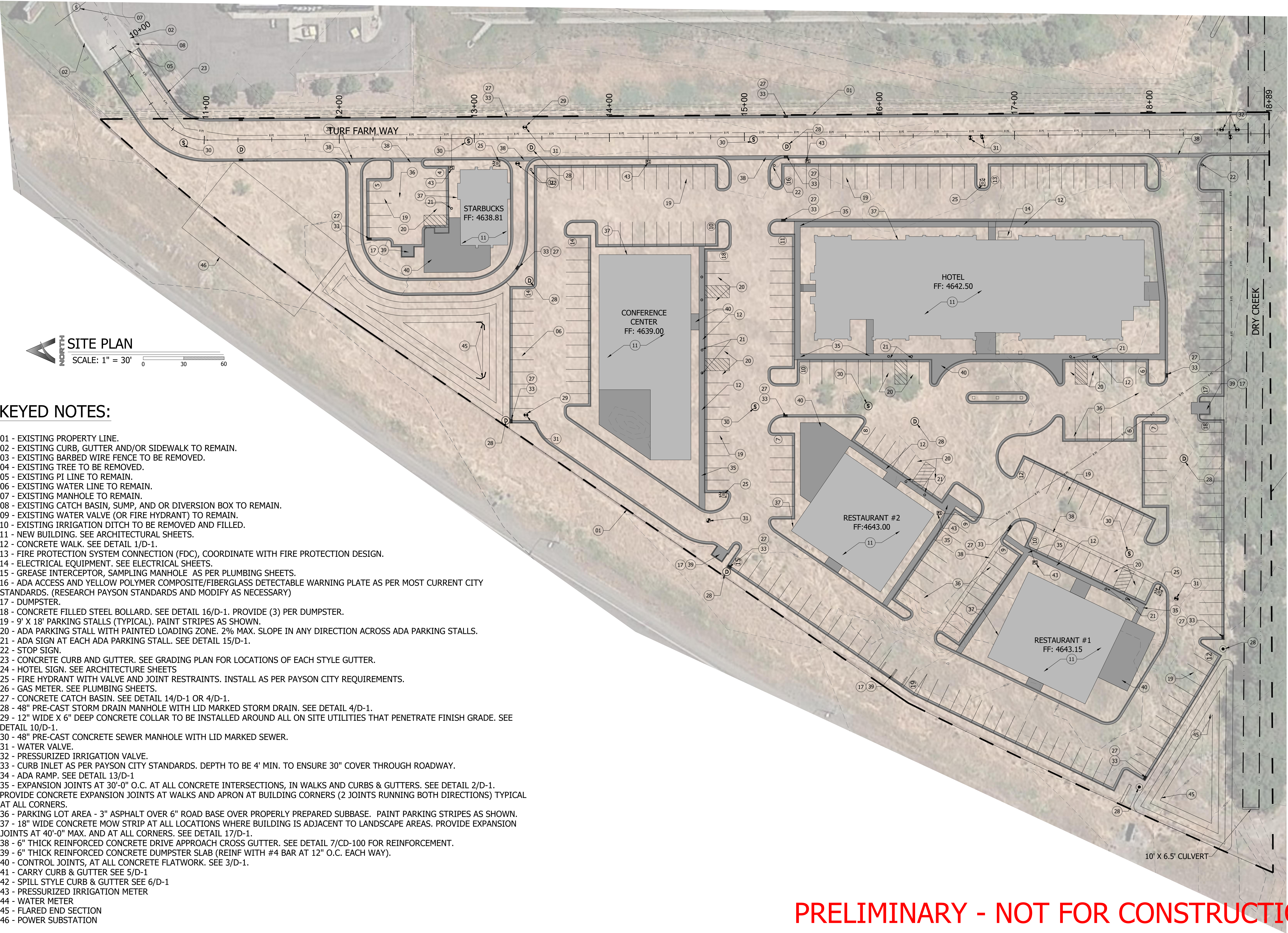
- 01 - EXISTING PLUMBING LINE.
- 02 - EXISTING CURB, GUTTER AND/OR SIDEWALK TO REMAIN.
- 03 - EXISTING BARBED WIRE FENCE TO BE REMOVED.
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- 09 - EXISTING WATER VALVE (OR FIRE HYDRANT) TO REMAIN.
- 10 - EXISTING IRRIGATION DITCH TO BE REMOVED AND FILLED.
- 11 - NEW BUILDING. SEE ARCHITECTURAL SHEETS.
- 12 - CONCRETE WALK. SEE DETAIL 1/D-1.
- 13 - FIRE PROTECTION SYSTEM CONNECTION (FDC), COORDINATE WITH FIRE PROTECTION DESIGN.
- 14 - ELECTRICAL EQUIPMENT. SEE ELECTRICAL SHEETS.
- 15 - GREASE INTERCEPTOR, SAMPLING MANHOLE AS PER PLUMBING SHEETS.
- 16 - ADA ACCESS AND YELLOW POLYMER COMPOSITE/FIBERGLASS DETECTABLE WARNING PLATE AS PER MOST CURRENT CITY STANDARDS. (RESEARCH PAYSON STANDARDS AND MODIFY AS NECESSARY)
- 17 - DUMPSTER.
- 18 - CONCRETE FILLED STEEL BOLLARD. SEE DETAIL 16/D-1. PROVIDE (3) PER DUMPSTER.
- 19 - 9' X 18' PARKING STALLS (TYPICAL). PAINT STRIPES AS SHOWN.
- 20 - ADA PARKING STALL WITH PAINTED LOADING ZONE. 2% MAX. SLOPE IN ANY DIRECTION ACROSS ADA PARKING STALLS.
- 21 - ADA SIGN AT EACH ADA PARKING STALL. SEE DETAIL 15/D-1.
- 22 - STOP SIGN.
- 23 - CONCRETE CURB AND GUTTER. SEE GRADING PLAN FOR LOCATIONS OF EACH STYLE GUTTER.
- 24 - HOTEL SIGN. SEE ARCHITECTURE SHEETS
- 25 - FIRE HYDRANT WITH VALVE AND JOINT RESTRAINTS. INSTALL AS PER PAYSON CITY REQUIREMENTS.
- 26 - GAS METER. SEE PLUMBING SHEETS.
- 27 - CONCRETE CATCH BASIN. SEE DETAIL 14/D-1 OR 4/D-1.
- 28 - 48" PRE-CAST STORM DRAIN MANHOLE WITH LID MARKED STORM DRAIN. SEE DETAIL 4/D-1.
- 29 - 12" WIDE X 6" DEEP CONCRETE COLLAR TO BE INSTALLED AROUND ALL ON SITE UTILITIES THAT PENETRATE FINISH GRADE. SEE DETAIL 10/D-1.
- 30 - 48" PRE-CAST CONCRETE SEWER MANHOLE WITH LID MARKED SEWER.
- 31 - WATER VALVE.
- 32 - PRESSURIZED IRRIGATION VALVE.
- 33 - CURB INLET AS PER PAYSON CITY STANDARDS. DEPTH TO BE 4' MIN. TO ENSURE 30" COVER THROUGH ROADWAY.
- 34 - ADA RAMP. SEE DETAIL 13/D-1
- 35 - EXPANSION JOINTS AT 30'-0" O.C. AT ALL CONCRETE INTERSECTIONS, IN WALKS AND CURBS & GUTTERS. SEE DETAIL 2/D-1. PROVIDE CONCRETE EXPANSION JOINTS AT WALKS AND APRON AT BUILDING CORNERS (2 JOINTS RUNNING BOTH DIRECTIONS) TYPICAL AT ALL CORNERS.
- 36 - PARKING LOT AREA - 3" ASPHALT OVER 6" ROAD BASE OVER PROPERLY PREPARED SUBBASE. PAINT PARKING STRIPES AS SHOWN.
- 37 - 18" WIDE CONCRETE MOW STRIP AT ALL LOCATIONS WHERE BUILDING IS ADJACENT TO LANDSCAPE AREAS. PROVIDE EXPANSION JOINTS AT 40'-0" MAX. AND AT ALL CORNERS. SEE DETAIL 17/D-1.
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- 39 - 6" THICK REINFORCED CONCRETE DUMPSTER SLAB (REINF WITH #4 BAR AT 12" O.C. EACH WAY).
- 40 - CONTROL JOINTS, AT ALL CONCRETE FLATWORK. SEE 3/D-1.
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- 42 - SPILL STYLE CURB & GUTTER SEE 6/D-1
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- 44 - WATER METER
- 45 - FLARED END SECTION

PRELIMINARY - NOT FOR CONSTRUCTION

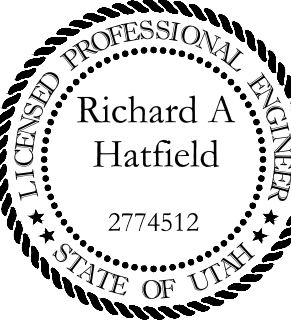
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*PAYSON HOTEL SUBDIVISION
DEMOLITION PLAN*

FOR: <i>MIKE MARTINEZ</i>	LOCATION: <i>PAYSON, UT</i>	DATE: <i>5/28/2020</i>
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REVISIONS		REMARKS
DATE	BY	

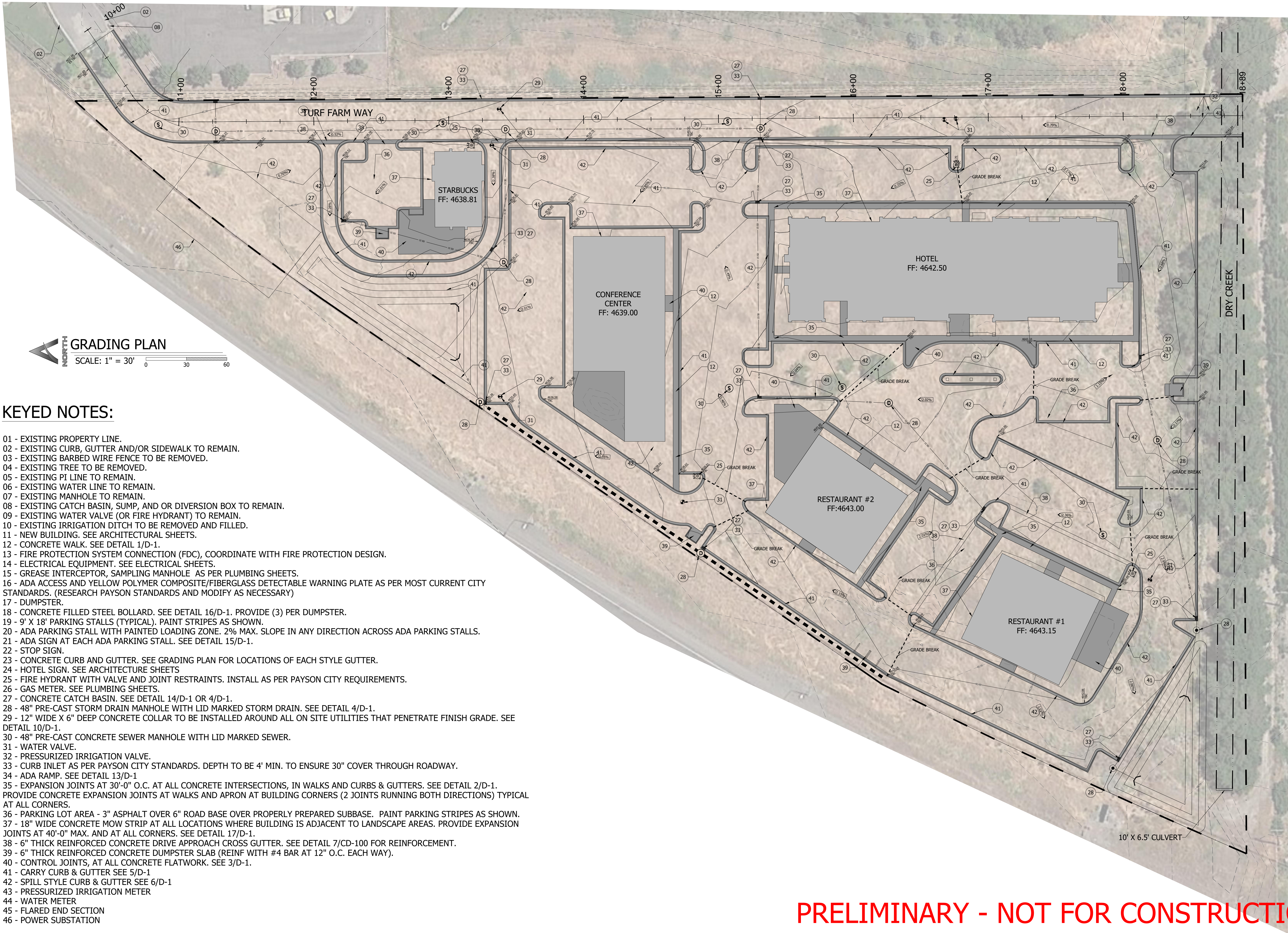


DATE: 5/28/2020

PAYSON HOTEL SUBDIVISION
SITE PLAN
LOCATION: PAYSON, UT

FOR: MIKE MARTINEZ

PRELIMINARY - NOT FOR CONSTRUCTION



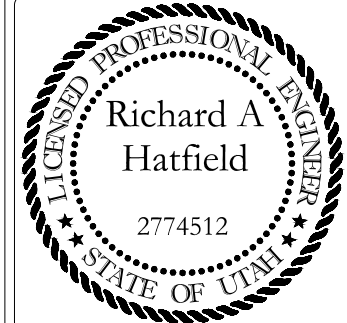
GRADING PLAN
SCALE: 1" = 30'
0 30 60

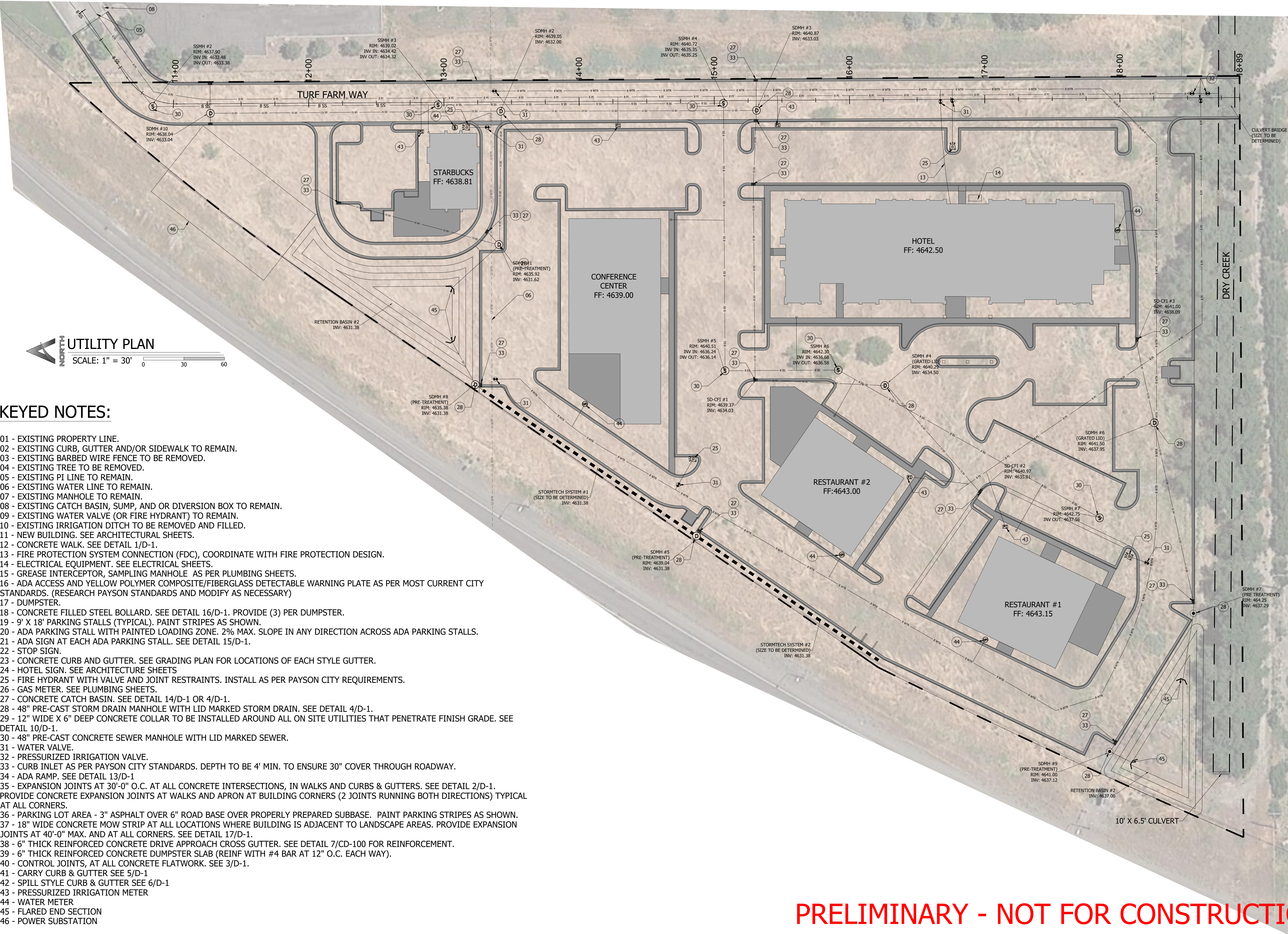
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- 45 - FLARED END SECTION
- 46 - POWER SUBSTATION

PRELIMINARY - NOT FOR CONSTRUCTION

REVISIONS		REMARKS
DATE	BY	





PRELIMINARY - NOT FOR CONSTRUCTION

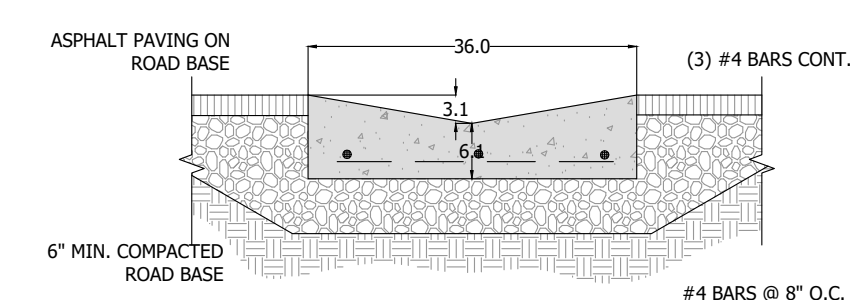
REVISIONS		REMARKS
DATE	BY	



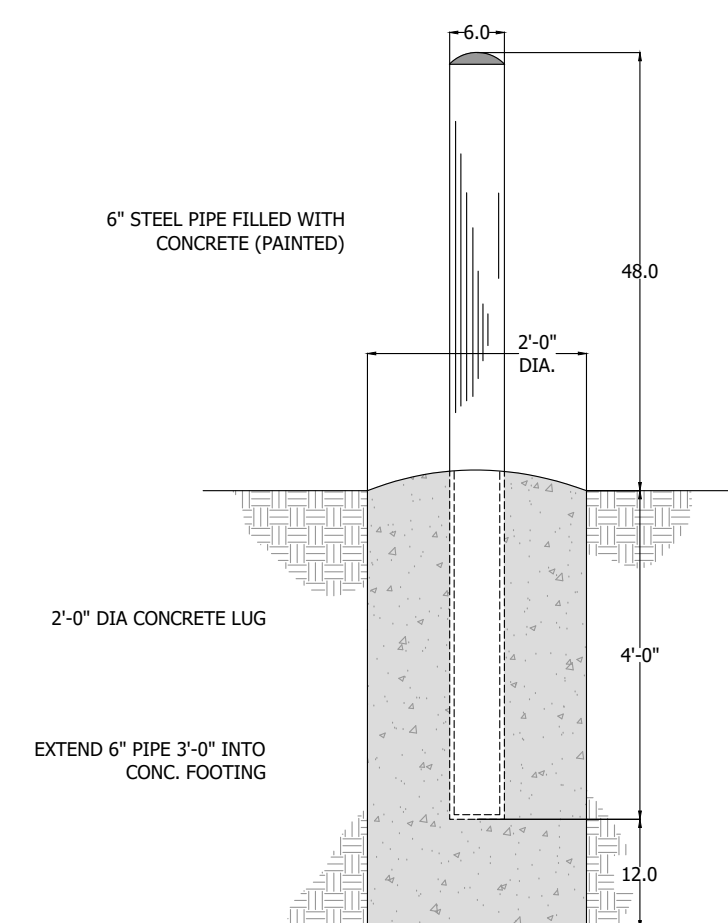
DATE: 5/28/2020

PAYSON HOTEL SUBDIVISION
UTILITY PLAN

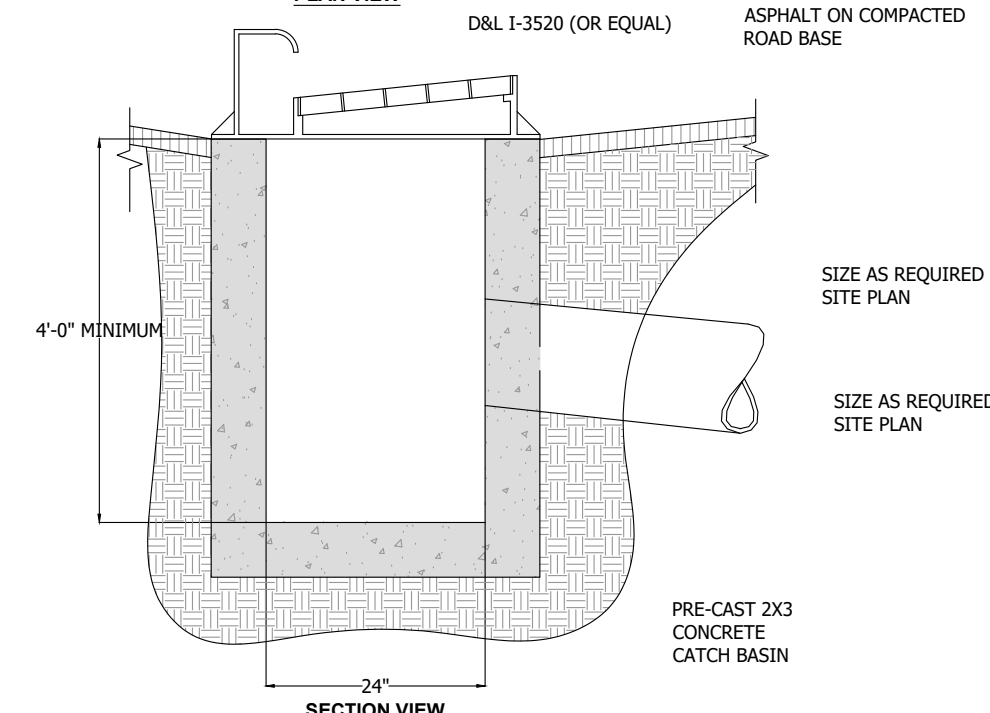
FOR: MIKE MARTINEZ
LOCATION: PAYSON, UT



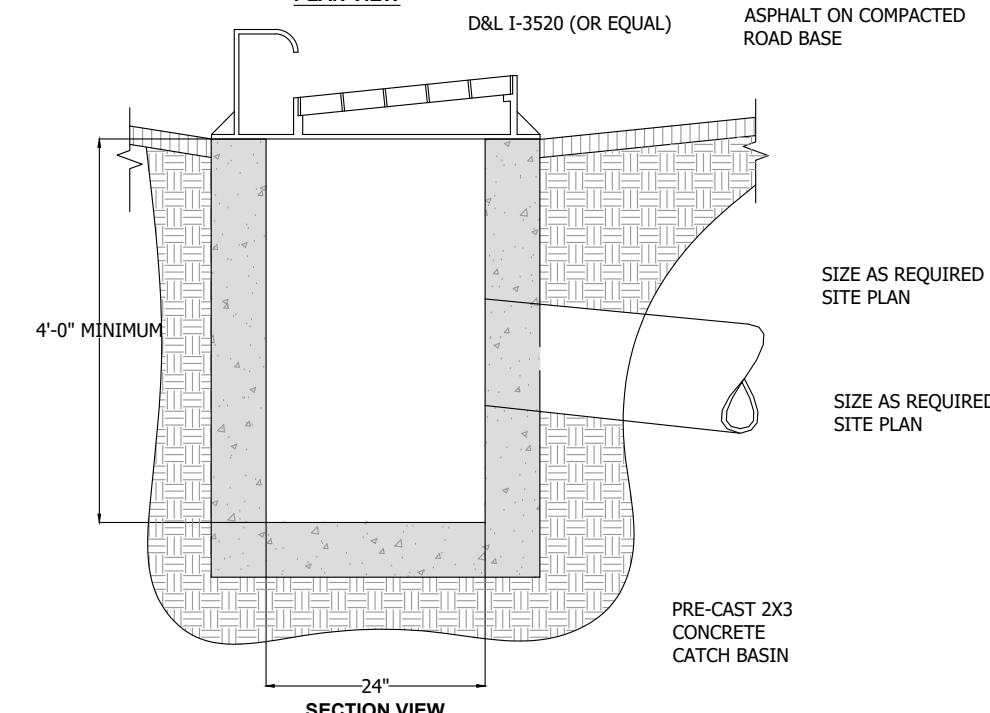
7 CONCRETE CROSS GUTTER



15 BOLLARD DETAIL



19 CONCRETE CATCH BASIN / CLEANOUT



Richard A
Hatfield
2774512
STATE OF UTAH
LICENSED PROFESSIONAL ENGINEER

PAYSON HOTEL SUBDIVISION
DETAIL SHEET

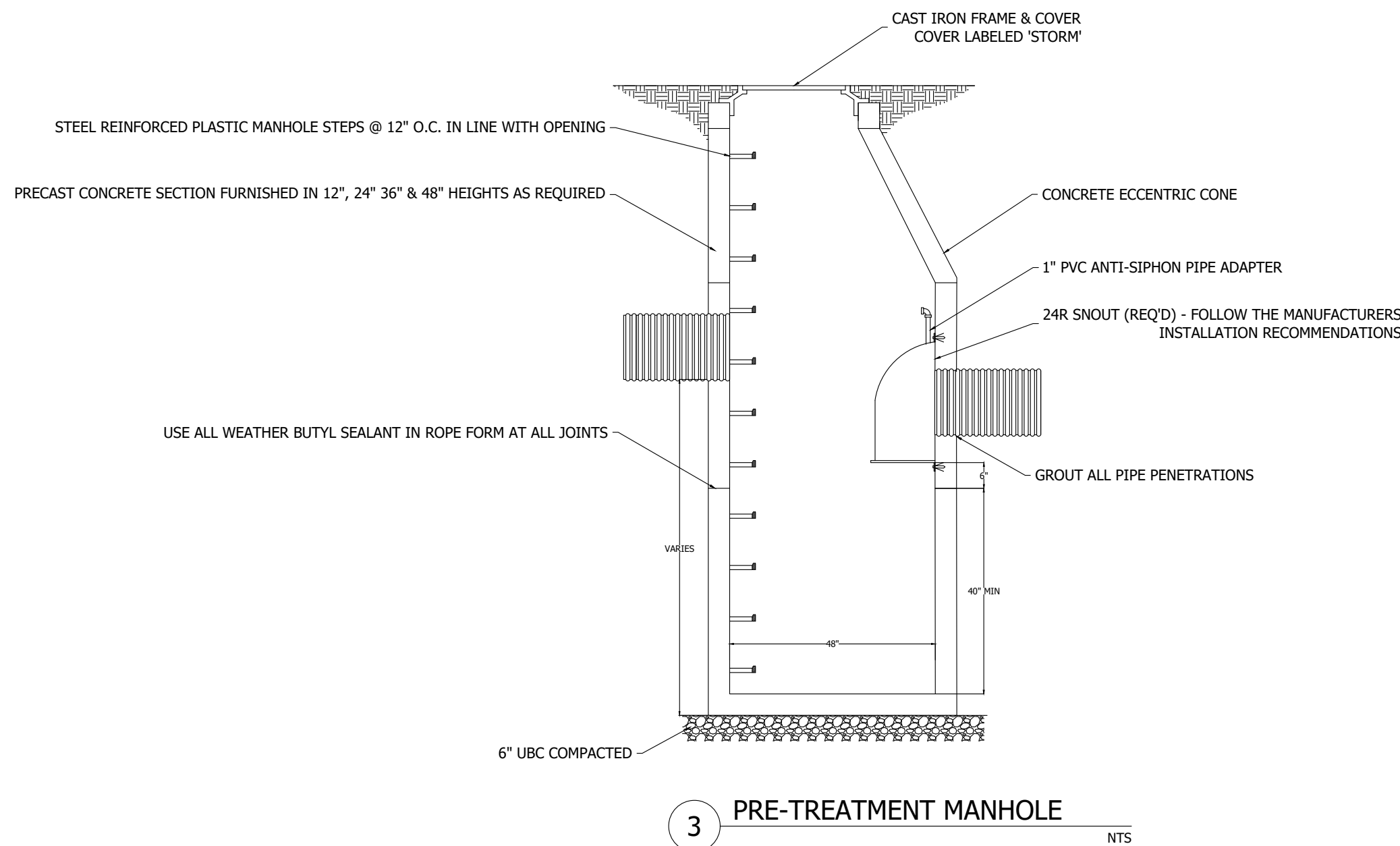
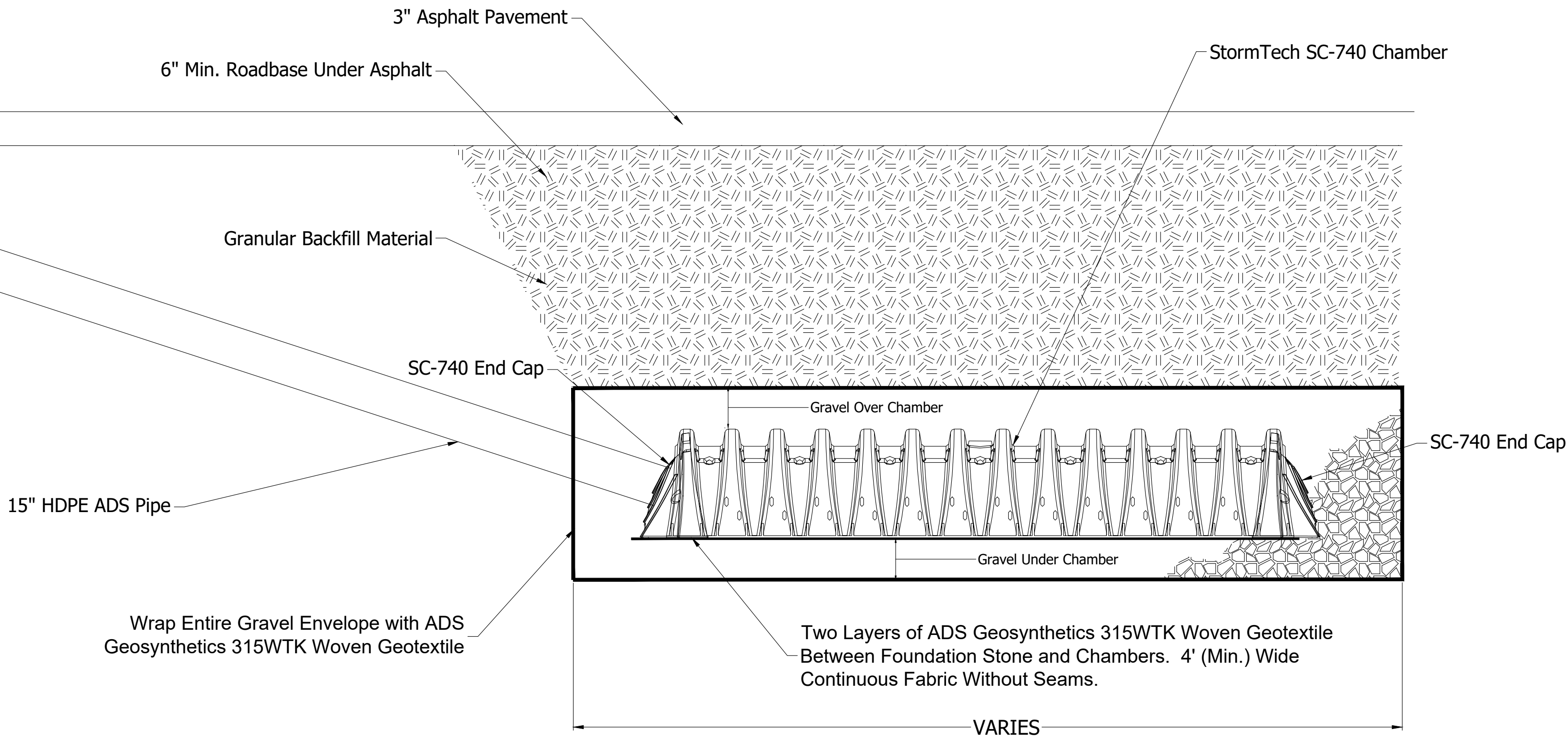
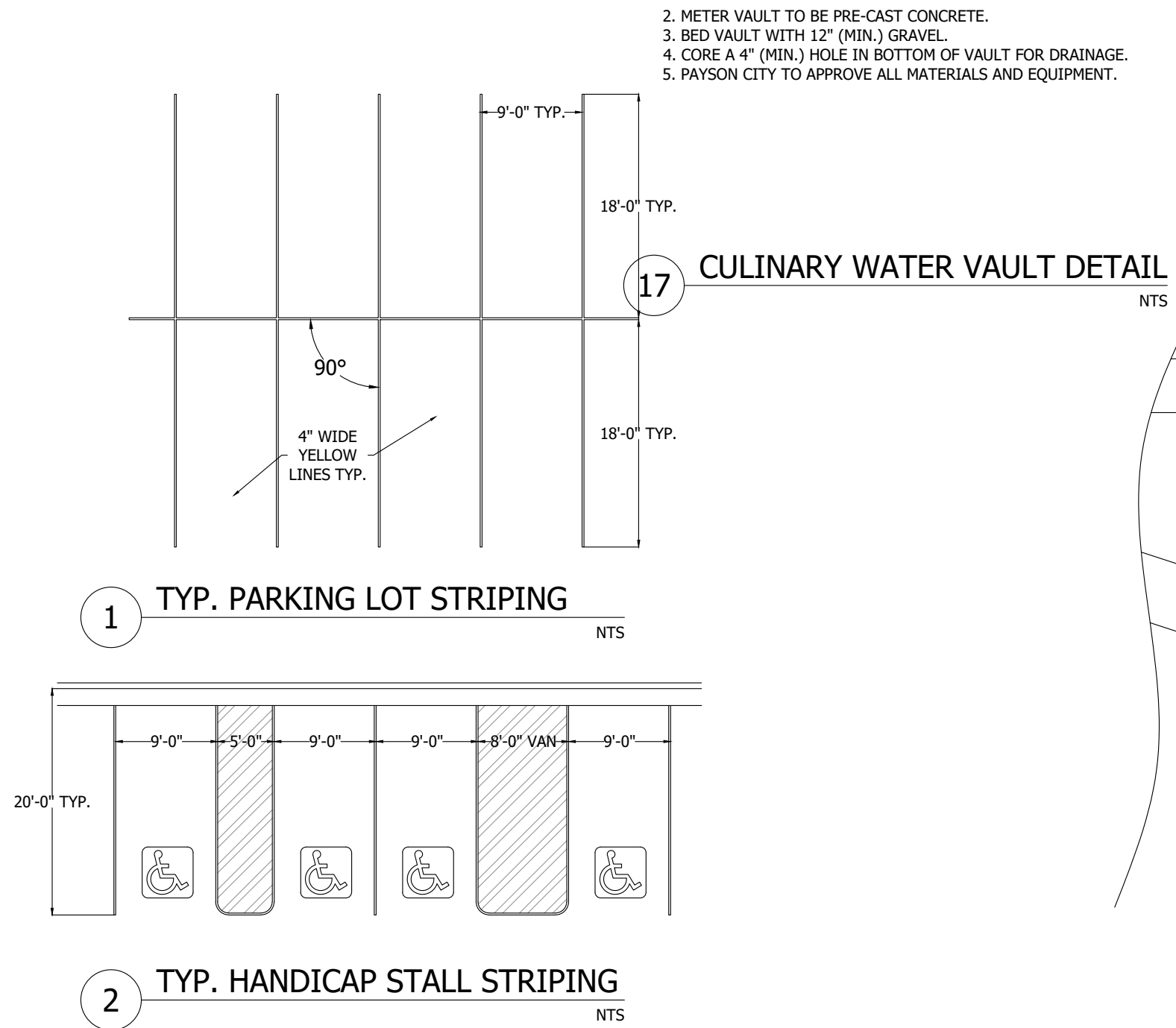
DATE: 5/28/2020

LOCATION: *PAYSON, UT*

OR: MIKE MARTINEZ

DRAWING:

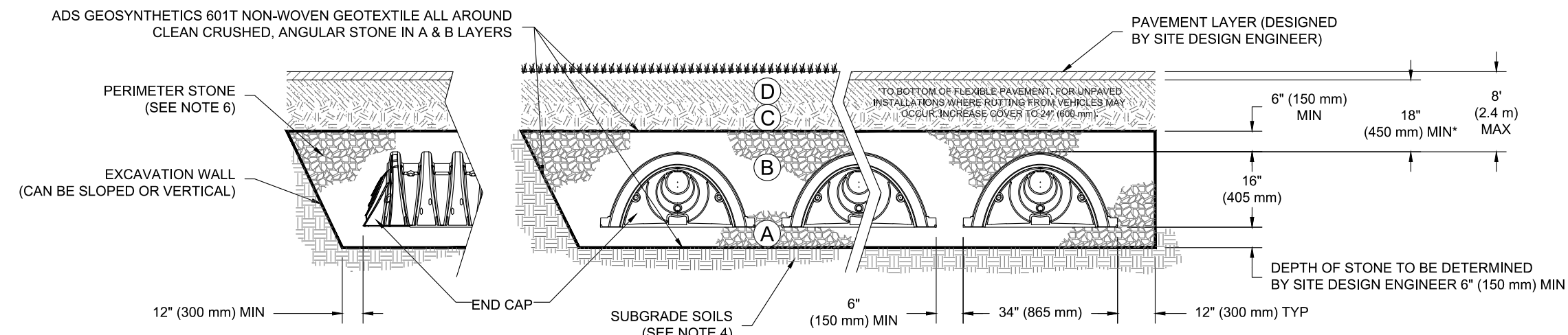
 $D-1$



ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

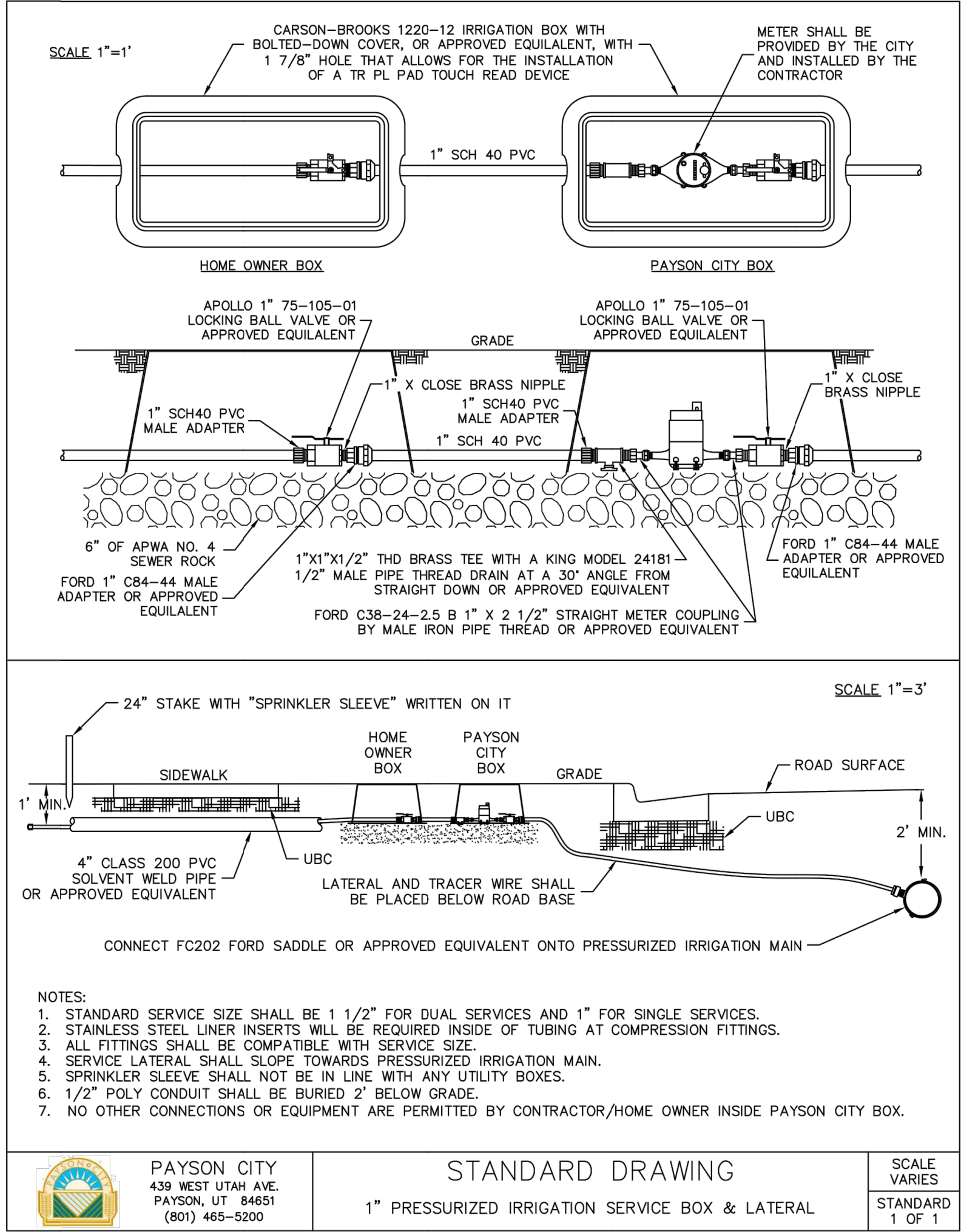
MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEERS PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN), DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2, 3}

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.

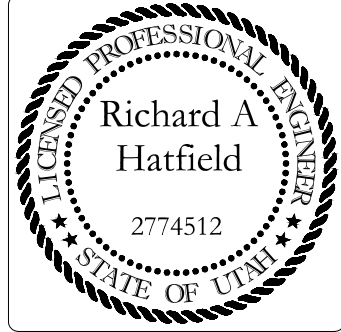


NOTES:

- CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2822 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



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PAYSON HOTEL SUBDIVISION DETAIL SHEET	DATE: 5/28/2020
	LOCATION: PAYSON, UT
FOR: MIKE MARTINEZ	